US EPA ARCHIVE DOCUMENT

ENSR GEOTHECHNICAL DATA

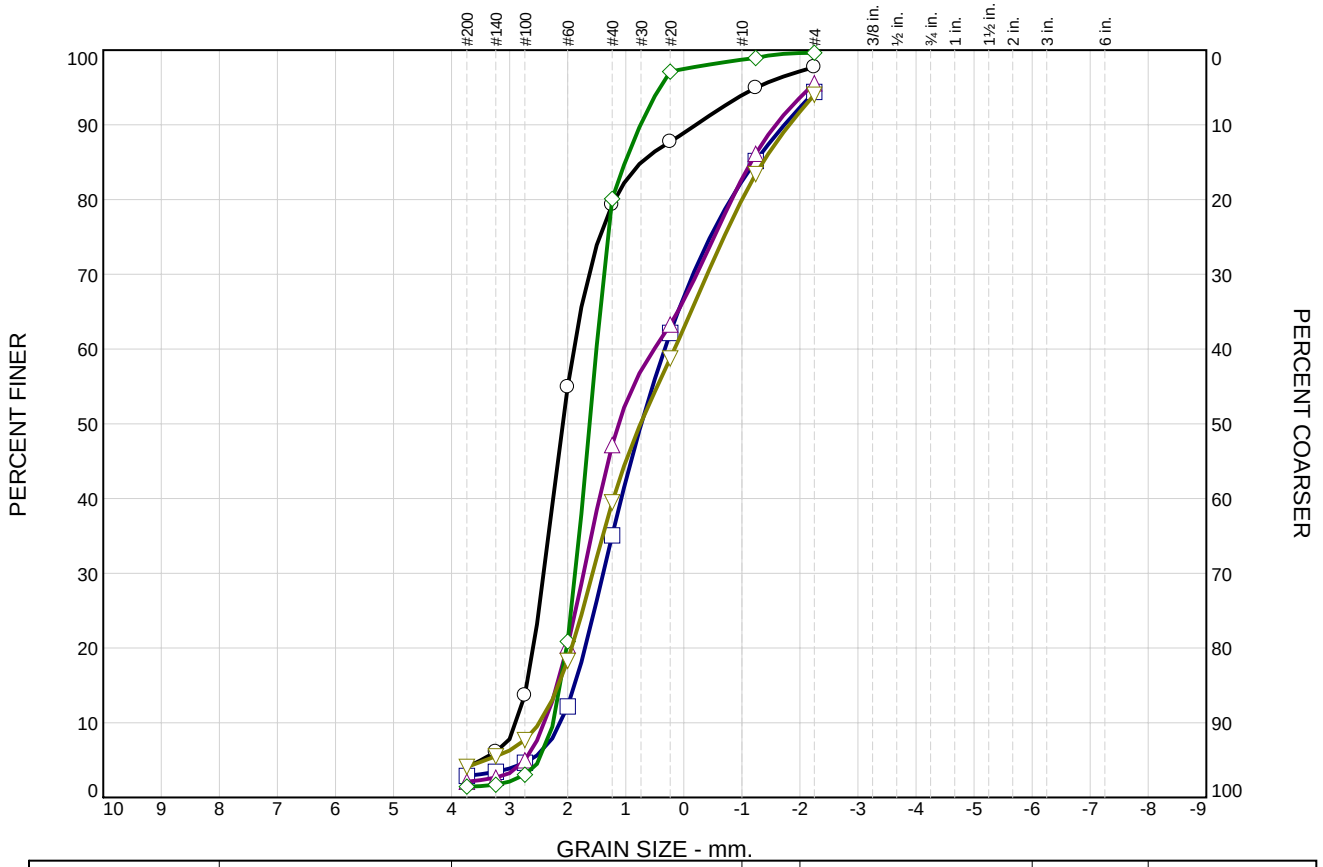
Part 3 of 5

This document relates to Doc ID

30284379-380, 30284930, 932

30284931

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	7.8						47.1	27.7	6.3	5.1	3.2			
□	3.9						8.3	30.2	24.6	15.5	9.8			
△	3.3						17.0	32.5	13.7	16.3	10.9			
◇	2.1						18.8	64.3	12.3	1.2	0.9			
▽	6.3						12.0	26.7	17.8	17.2	11.8			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-20	115-120	115-120	Fine to medium sand	
□	MW-20	120-125	120-125	Medium to very coarse sand	
△	MW-20	125-128	125-128	Medium to fine sand with some coarse to very coarse sand	
◇	MW-20	128-130	128-130	Medium sand with some fine sand	
▽	MW-20	135-139	135-139	Medium to very coarse sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator

Project No.: 10264-011 **Figure**

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 115-120 **Sample Number:** 115-120
Material Description: Fine to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
705.55	0.00	#4	521.73	505.72	97.7
		#8	483.60	463.92	94.9
		#20	486.61	435.81	87.7
		#40	440.72	381.34	79.3
		#60	541.83	369.70	54.9
		#100	644.13	353.11	13.7
		#140	402.92	349.47	6.1
		#200	348.08	333.62	4.1

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.2	5.1	6.3	27.7	47.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1370	0.1537	0.1660	0.1879	0.2352	0.2683	0.4377	0.6018	1.1565	2.3855

Fineness Modulus	C_u	C_c
1.52	1.96	0.96

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 120-125 **Sample Number:** 120-125
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
748.89	0.00	#4	547.62	505.72	94.4
		#8	533.11	463.92	85.2
		#20	608.11	435.81	62.2
		#40	584.19	381.34	35.1
		#60	541.10	369.70	12.2
		#100	409.56	353.11	4.6
		#140	358.53	349.47	3.4
		#200	337.73	333.62	2.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			9.8	15.5	24.6	30.2	8.3								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2305	0.2719	0.3079	0.3819	0.6022	0.7950	1.7466	2.3349	3.3257	

Fineness Modulus	C_u	C_c
2.76	3.45	0.80

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 125-128 **Sample Number:** 125-128
Material Description: Medium to fine sand with some coarse to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
721.93	0.00	#4	537.82	505.72	95.6
		#8	532.00	463.92	86.1
		#20	600.78	435.81	63.3
		#40	497.69	381.34	47.2
		#60	563.49	369.70	20.3
		#100	463.81	353.11	5.0
		#140	366.22	349.47	2.7
		#200	337.53	333.62	2.1

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			10.9	16.3	13.7	32.5	17.0								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1899	0.2205	0.2483	0.3022	0.4582	0.7025	1.7699	2.2266	2.9921	4.5147

Fineness Modulus	C_u	C_c
2.56	3.70	0.68

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 135-139 **Sample Number:** 135-139
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
918.72	0.00	#4	560.52	505.72	94.0
		#8	561.58	463.92	83.4
		#20	662.37	435.81	58.7
		#40	558.29	381.34	39.5
		#60	564.45	369.70	18.3
		#100	450.49	353.11	7.7
		#140	369.42	349.47	5.5
		#200	346.66	333.62	4.1

Fractional Components

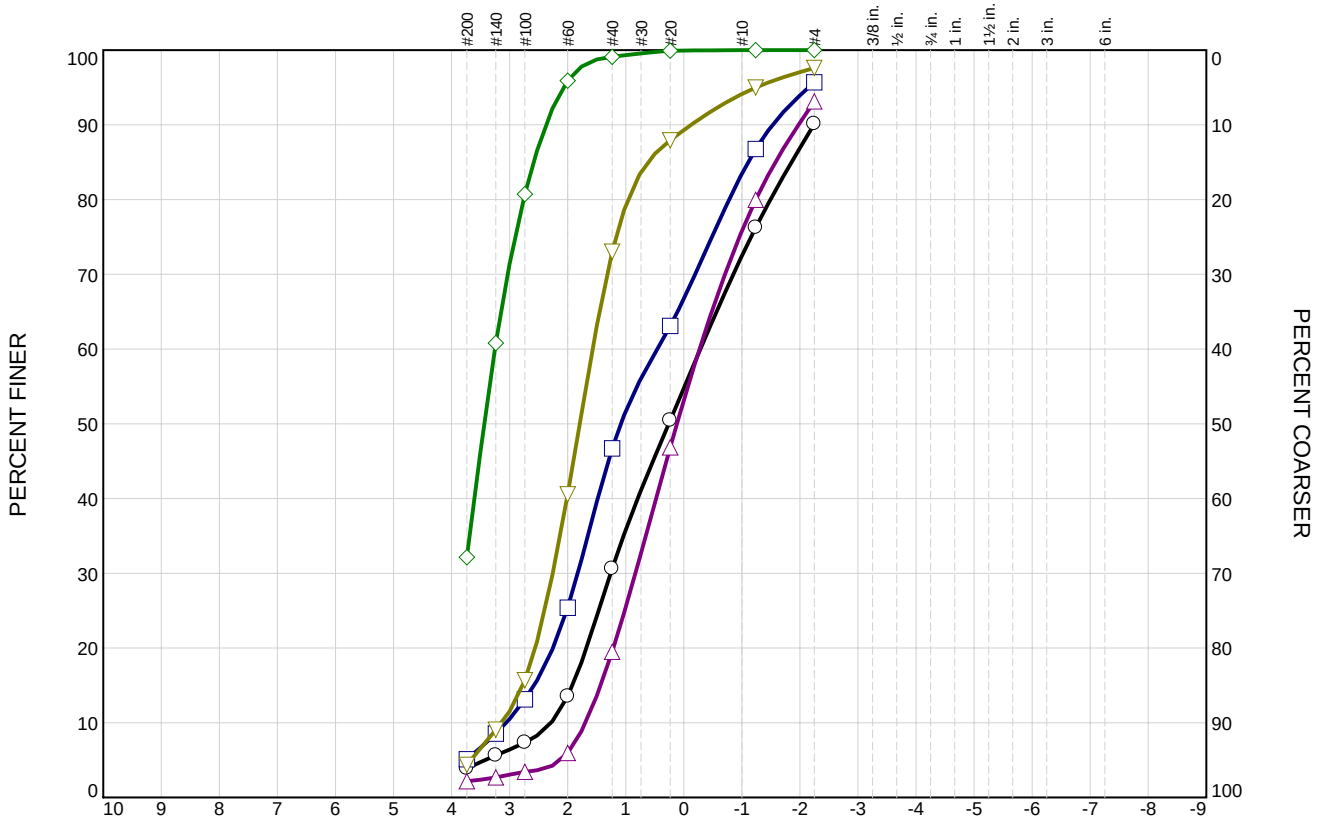
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			11.8	17.2	17.8	26.7	12.0								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1786	0.2244	0.2626	0.3366	0.5961	0.8944	2.0029	2.5706	3.5214	

Fineness Modulus	C_u	C_c
2.72	5.01	0.71

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	6.4						7.1	22.3	19.0	17.7	14.4			
□	10.5						14.9	26.3	15.0	16.8	10.4			
△	3.1						2.8	19.6	27.6	22.7	14.5			
◇	71.4						24.5	3.4	0.6	0.1	0.0	0.0	0.0	0.0
▽	11.5						29.1	38.6	10.1	4.8	3.0			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-20	139-143	139-143	Medium to very coarse sand	
□	MW-20	143-147	143-147	Medium sand	
△	MW-20	147-149.5	147-149.5	Coarse to very coarse sand and gravel	
◇	MW-20	149.5-152	149.5-152	Silt and clay with fine sand	
▽	MW-20	152-155	152-155	Medium to fine sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project No.: 10264-011 **Figure**

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 139-143 **Sample Number:** 139-143
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
914.14	0.00	#4	596.02	505.72	90.1
		#8	590.66	463.92	76.3
		#20	671.66	435.81	50.5
		#40	562.59	381.34	30.6
		#60	526.04	369.70	13.5
		#100	409.60	353.11	7.3
		#140	365.09	349.47	5.6
		#200	349.54	333.62	3.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			14.4	17.7	19.0	22.3	7.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2051	0.2652	0.3128	0.4172	0.8354	1.2195	2.8121	3.6188	4.7191	

Fineness Modulus	C_u	C_c
3.07	5.94	0.70

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 143-147 **Sample Number:** 143-147
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
873.29	0.00	#4	543.32	505.72	95.7
		#8	541.91	463.92	86.8
		#20	642.52	435.81	63.1
		#40	524.42	381.34	46.7
		#60	555.86	369.70	25.4
		#100	460.15	353.11	13.1
		#140	389.51	349.47	8.6
		#200	363.59	333.62	5.1

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			10.4	16.8	15.0	26.3	14.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1200	0.1673	0.2097	0.2821	0.4708	0.7290	1.7175	2.1534	2.8852	4.4331

Fineness Modulus	C_u	C_c
2.45	6.07	0.91

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 147-149.5 **Sample Number:** 147-149.5
Material Description: Coarse to very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
922.71	0.00	#4	569.01	505.72	93.1
		#8	585.39	463.92	80.0
		#20	741.57	435.81	46.8
		#40	633.62	381.34	19.5
		#60	494.71	369.70	5.9
		#100	376.30	353.11	3.4
		#140	356.39	349.47	2.7
		#200	338.31	333.62	2.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			14.5	22.7	27.6	19.6	2.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3094	0.3708	0.4311	0.5614	0.9212	1.2061	2.3624	2.9826	3.9318	

Fineness Modulus	C_u	C_c
3.22	3.90	0.84

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 149.5-152 **Sample Number:** 149.5-152
Material Description: Silt and clay with fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
743.19	0.00	#4	505.72	505.72	100.0
		#8	463.92	463.92	100.0
		#20	436.41	435.81	99.9
		#40	387.42	381.34	99.1
		#60	393.43	369.70	95.9
		#100	465.90	353.11	80.7
		#140	497.59	349.47	60.8
		#200	546.54	333.62	32.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
0.0	0.0	0.0	0.0	0.1	0.6	3.4	24.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.0922	0.1048	0.1476	0.1662	0.1924	0.2369

Fineness Modulus
0.22

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 152-155 **Sample Number:** 152-155
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
855.55	0.00	#4	526.15	505.72	97.6
		#8	486.34	463.92	95.0
		#20	496.22	435.81	87.9
		#40	508.81	381.34	73.0
		#60	647.49	369.70	40.6
		#100	565.88	353.11	15.7
		#140	406.15	349.47	9.1
		#200	373.84	333.62	4.4

Fractional Components

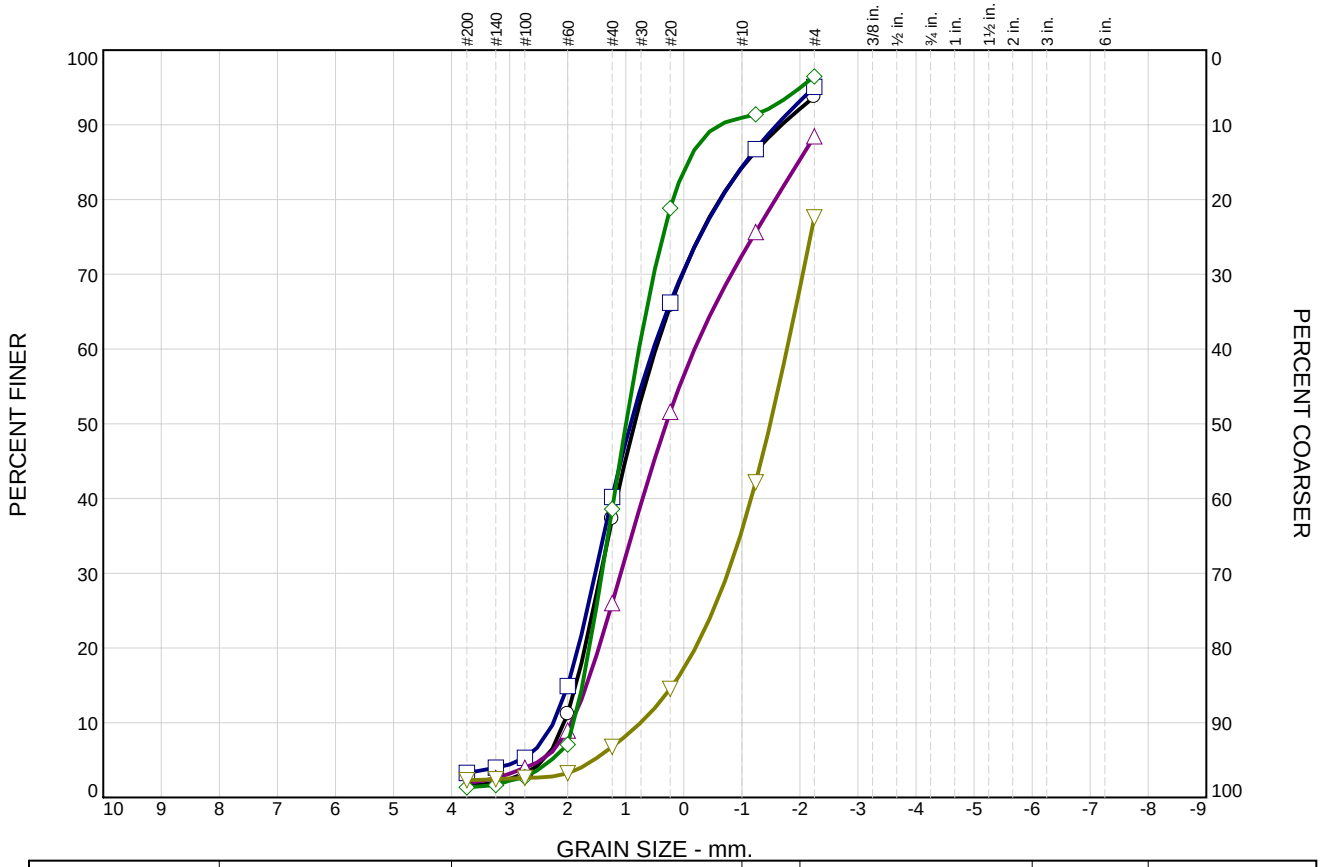
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.0	4.8	10.1	38.6	29.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1133	0.1464	0.1696	0.2092	0.2889	0.3367	0.5127	0.6489	1.0905	2.3641

Fineness Modulus	C_u	C_c
1.65	2.97	1.15

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	2.5						8.7	34.1	25.2	13.8	7.8			
□	4.4						10.5	32.7	23.0	13.7	8.9			
△	3.2						5.8	23.3	24.2	16.0	12.9			
◇	2.3						4.8	42.7	34.1	7.0	4.0			
▽	2.5						0.7	5.0	9.1	18.4	32.5			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-20	155-160	155-160	Medium to coarse sand	
□	MW-20	160-165	160-165	Medium to coarse sand	
△	MW-20	165-170	165-170	Coarse to medium sand	
◇	MW-20	170-175	170-175	Medium to coarse sand	
▽	MW-20	175-177	175-177	Very coarse sand and gravel	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 155-160 **Sample Number:** 155-160
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
810.50	0.00	#4	556.33	505.72	93.8
		#8	522.82	463.92	86.5
		#20	603.61	435.81	65.8
		#40	612.23	381.34	37.3
		#60	581.39	369.70	11.2
		#100	417.32	353.11	3.3
		#140	359.56	349.47	2.0
		#200	337.29	333.62	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.8	13.8	25.2	34.1	8.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2410	0.2760	0.3072	0.3711	0.5546	0.7144	1.5354	2.1071	3.2171	

Fineness Modulus	C_u	C_c
2.70	2.96	0.80

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 160-165 **Sample Number:** 160-165
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
799.70	0.00	#4	545.08	505.72	95.1
		#8	530.48	463.92	86.8
		#20	600.13	435.81	66.2
		#40	589.26	381.34	40.2
		#60	572.03	369.70	14.9
		#100	429.81	353.11	5.3
		#140	360.07	349.47	4.0
		#200	339.22	333.62	3.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.9	13.7	23.0	32.7	10.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2111	0.2507	0.2835	0.3477	0.5292	0.6942	1.5452	2.0888	3.0339	4.7162

Fineness Modulus	C_u	C_c
2.61	3.29	0.83

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 165-170 **Sample Number:** 165-170
Material Description: Coarse to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
838.64	0.00	#4	602.51	505.72	88.5
		#8	571.32	463.92	75.7
		#20	637.44	435.81	51.6
		#40	596.10	381.34	26.0
		#60	512.69	369.70	9.0
		#100	394.79	353.11	4.0
		#140	361.08	349.47	2.6
		#200	339.08	333.62	1.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			12.9	16.0	24.2	23.3	5.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2622	0.3135	0.3625	0.4712	0.8090	1.1371	2.9824	3.9232		

Fineness Modulus	C_u	C_c
3.18	4.34	0.74

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 170-175 **Sample Number:** 170-175
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
815.49	0.00	#4	534.44	505.72	96.5
		#8	505.30	463.92	91.4
		#20	538.20	435.81	78.8
		#40	709.62	381.34	38.6
		#60	626.63	369.70	7.1
		#100	388.70	353.11	2.7
		#140	358.08	349.47	1.7
		#200	336.12	333.62	1.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			4.0	7.0	34.1	42.7	4.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2697	0.2981	0.3243	0.3765	0.5012	0.5853	0.8774	1.0454	1.5329	4.0277

Fineness Modulus	C_u	C_c
2.45	2.17	0.90

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 175-177 **Sample Number:** 175-177
Material Description: Very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
761.91	0.00	#4	676.33	505.72	77.6
		#8	733.92	463.92	42.2
		#20	646.35	435.81	14.5
		#40	440.43	381.34	6.8
		#60	396.70	369.70	3.2
		#100	357.72	353.11	2.6
		#140	350.88	349.47	2.4
		#200	334.61	333.62	2.3

Fractional Components

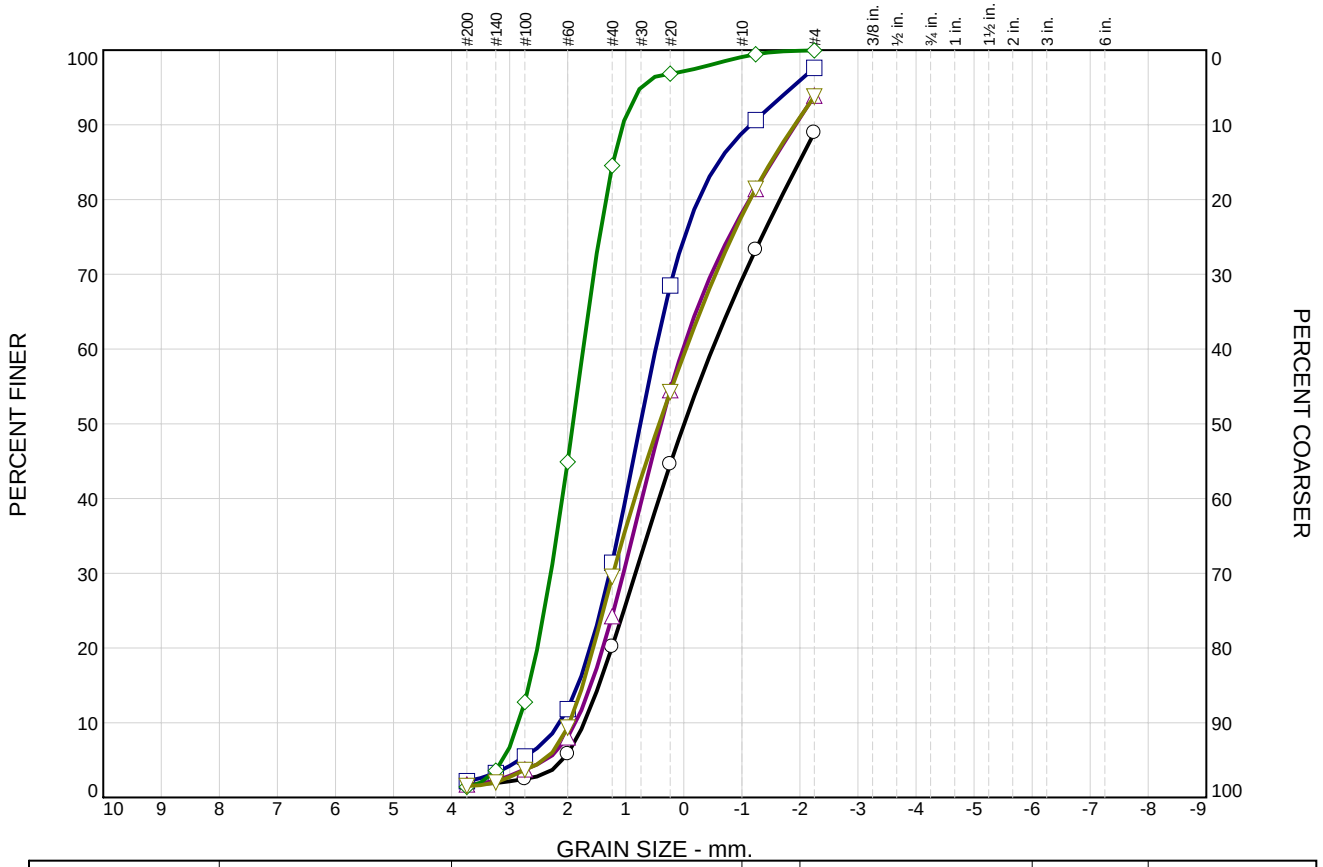
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			32.5	18.4	9.1	5.0	0.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.5967	0.8757	1.1498	1.6910	2.8075	3.4278				

Fineness Modulus	C_u	C_c
4.43	5.74	1.40

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	2.2						3.6	20.0	24.1	19.4	15.9			
□	4.2						7.6	28.3	34.7	14.1	7.0			
△	2.9						5.1	23.2	29.2	17.8	12.7			
◇	6.7						38.2	46.3	6.0	1.9	0.8			
▽	2.7						6.7	26.6	23.2	18.6	13.2			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-20	177-185	177-185	Medium to very coarse sand	
□	MW-20	185-191.5	185-191.5	Coarse to medium sand with some very coarse sand and gravel	
△	MW-20	191.5-198.5	191.5-198.5	Coarse to medium sand with some very coarse sand and gravel	
◇	MW-20	198.5-205	198.5-205	Medium to fine sand	
▽	MW-20	205-217.5	205-217.5	Medium to very coarse sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project No.: 10264-011 **Figure**

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 177-185 **Sample Number:** 177-185
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
760.00	0.00	#4	589.72	505.72	88.9
		#8	582.93	463.92	73.3
		#20	653.92	435.81	44.6
		#40	566.83	381.34	20.2
		#60	478.82	369.70	5.8
		#100	378.49	353.11	2.5
		#140	353.66	349.47	1.9
		#200	334.70	333.62	1.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			15.9	19.4	24.1	20.0	3.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3047	0.3629	0.4227	0.5617	1.0040	1.4072	3.1578	3.9606		

Fineness Modulus	C_u	C_c
3.38	4.62	0.74

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 185-191.5 **Sample Number:** 185-191.5
Material Description: Coarse to medium sand with some very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
836.35	0.00	#4	525.60	505.72	97.6
		#8	522.29	463.92	90.6
		#20	620.97	435.81	68.5
		#40	691.59	381.34	31.4
		#60	533.55	369.70	11.8
		#100	406.09	353.11	5.5
		#140	367.90	349.47	3.3
		#200	342.81	333.62	2.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.0	14.1	34.7	28.3	7.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2282	0.2826	0.3280	0.4131	0.5957	0.7139	1.1894	1.5081	2.2175	3.6403

Fineness Modulus	C_u	C_c
2.59	3.13	1.05

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 191.5-198.5 **Sample Number:** 191.5-198.5
Material Description: Coarse to medium sand with some very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
740.71	0.00	#4	550.92	505.72	93.9
		#8	556.34	463.92	81.4
		#20	635.23	435.81	54.5
		#40	605.32	381.34	24.3
		#60	489.80	369.70	8.0
		#100	384.83	353.11	3.8
		#140	360.62	349.47	2.3
		#200	337.36	333.62	1.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			12.7	17.8	29.2	23.2	5.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2751	0.3299	0.3812	0.4864	0.7611	0.9884	2.1908	2.8638	3.7949	

Fineness Modulus	C_u	C_c
3.04	3.59	0.87

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 198.5-205 **Sample Number:** 198.5-205
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
720.05	0.00	#4	506.07	505.72	100.0
		#8	467.58	463.92	99.4
		#20	454.52	435.81	96.8
		#40	469.95	381.34	84.5
		#60	655.10	369.70	44.9
		#100	584.53	353.11	12.8
		#140	415.52	349.47	3.6
		#200	349.24	333.62	1.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			0.8	1.9	6.0	46.3	38.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1395	0.1578	0.1740	0.2045	0.2663	0.3006	0.3929	0.4288	0.4824	0.5976

Fineness Modulus	C_u	C_c
1.35	2.15	1.00

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 205-217.5 **Sample Number:** 205-217.5
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
825.29	0.00	#4	556.99	505.72	93.8
		#8	565.68	463.92	81.5
		#20	660.41	435.81	54.2
		#40	585.22	381.34	29.5
		#60	536.29	369.70	9.4
		#100	399.82	353.11	3.7
		#140	363.31	349.47	2.0
		#200	337.49	333.62	1.5

Fractional Components

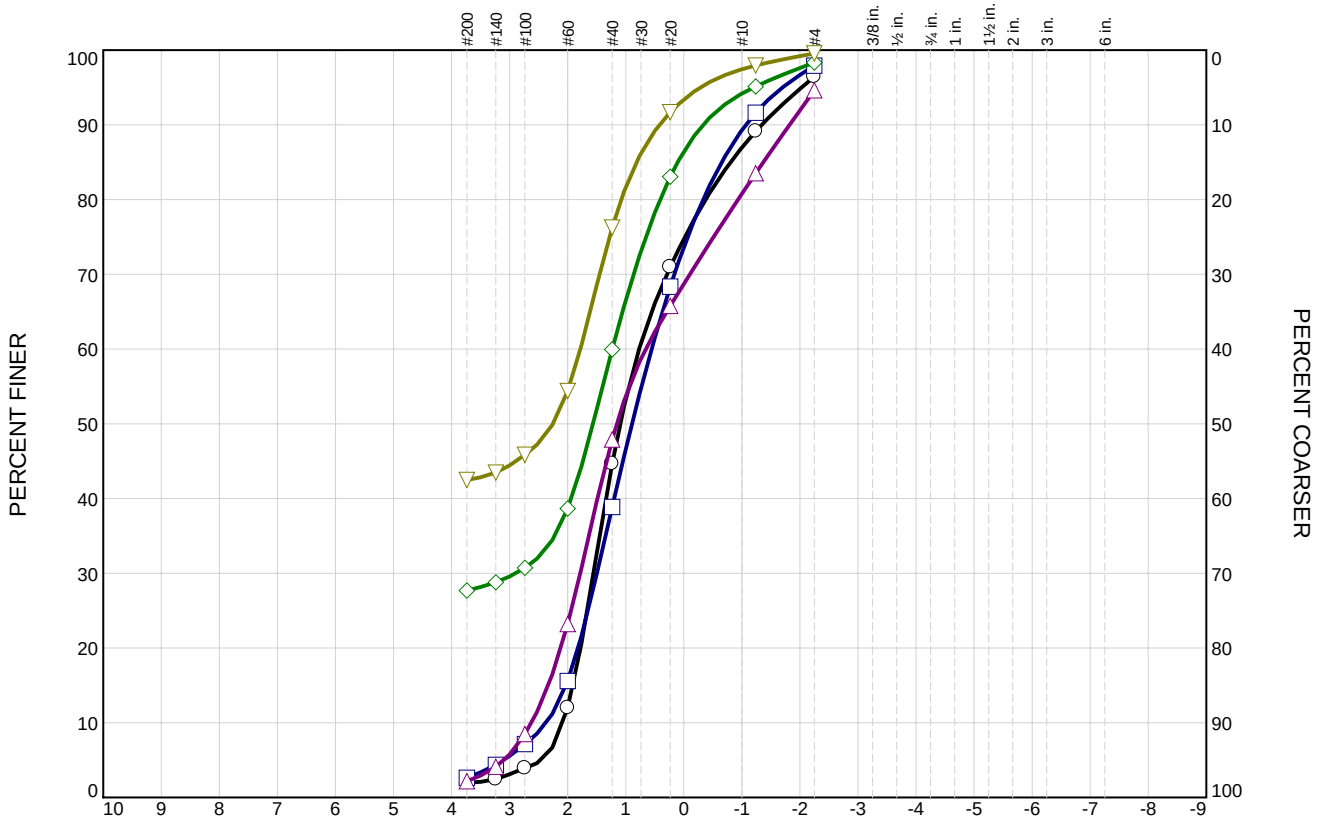
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			13.2	18.6	23.2	26.6	6.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2563	0.2991	0.3394	0.4298	0.7443	1.0253	2.2036	2.8255	3.7607	

Fineness Modulus	C_u	C_c
2.99	4.00	0.70

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	3.1						8.9	41.3	21.4	12.3	7.8			
□	5.6						10.0	31.0	27.0	15.7	7.4			
△	5.8						17.4	30.5	15.0	12.1	11.1			
◇	29.6						9.1	27.8	19.9	7.8	3.4			
▽	44.4						10.0	27.3	11.7	4.0	1.8			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-20	217.5-225	217.5-225	Medium to coarse sand	
□	MW-20	225-227.5	225-227.5	Medium to coarse sand	
△	MW-20	227.5-230	227.5-230	Medium to fine sand	
◇	MW-20	230-232.5	230-232.5	Clay with medium to coarse sand	
▽	MW-20	232.5-235	232.5-235	Clay with fine to medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project No.: 10264-011 **Figure**

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 217.5-225 **Sample Number:** 217.5-225
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
800.42	0.00	#4	534.17	505.72	96.4
		#8	522.44	463.92	89.1
		#20	581.25	435.81	71.0
		#40	591.91	381.34	44.7
		#60	631.03	369.70	12.0
		#100	417.66	353.11	3.9
		#140	361.41	349.47	2.5
		#200	337.29	333.62	2.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.8	12.3	21.4	41.3	8.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2370	0.2667	0.2917	0.3402	0.4676	0.5866	1.2977	1.7468	2.5350	4.0814

Fineness Modulus	C_u	C_c
2.50	2.48	0.83

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 225-227.5 **Sample Number:** 225-227.5
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
820.63	0.00	#4	522.79	505.72	97.9
		#8	515.60	463.92	91.6
		#20	626.80	435.81	68.3
		#40	623.26	381.34	38.9
		#60	560.80	369.70	15.6
		#100	422.33	353.11	7.1
		#140	372.34	349.47	4.4
		#200	347.72	333.62	2.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.4	15.7	27.0	31.0	10.0								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1938	0.2452	0.2834	0.3546	0.5386	0.6807	1.2583	1.5715	2.0966	3.2489

Fineness Modulus	C_u	C_c
2.48	3.51	0.95

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 227.5-230 **Sample Number:** 227.5-230
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
799.96	0.00	#4	548.71	505.72	94.6
		#8	552.80	463.92	83.5
		#20	577.79	435.81	65.8
		#40	524.23	381.34	47.9
		#60	567.32	369.70	23.2
		#100	470.85	353.11	8.5
		#140	384.44	349.47	4.1
		#200	349.06	333.62	2.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			11.1	12.1	15.0	30.5	17.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1623	0.1983	0.2305	0.2905	0.4485	0.6337	1.9105	2.5849	3.5357	

Fineness Modulus	C_u	C_c
2.51	3.91	0.82

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 230-232.5 **Sample Number:** 230-232.5
Material Description: Clay with medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
729.71	0.00	#4	517.89	505.72	98.3
		#8	487.27	463.92	95.1
		#20	523.91	435.81	83.1
		#40	549.98	381.34	59.9
		#60	525.02	369.70	38.7
		#100	410.99	353.11	30.7
		#140	363.61	349.47	28.8
		#200	341.66	333.62	27.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.4	7.8	19.9	27.8	9.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1345	0.3383	0.4255	0.7526	0.9290	1.2584	2.3024

Fineness Modulus
1.69

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-20
Depth: 232.5-235 **Sample Number:** 232.5-235
Material Description: Clay with fine to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
805.59	0.00	#4	509.35	505.72	99.5
		#8	476.87	463.92	97.9
		#20	486.22	435.81	91.7
		#40	505.62	381.34	76.3
		#60	545.84	369.70	54.4
		#100	421.91	353.11	45.9
		#140	368.61	349.47	43.5
		#200	341.64	333.62	42.5

Fractional Components

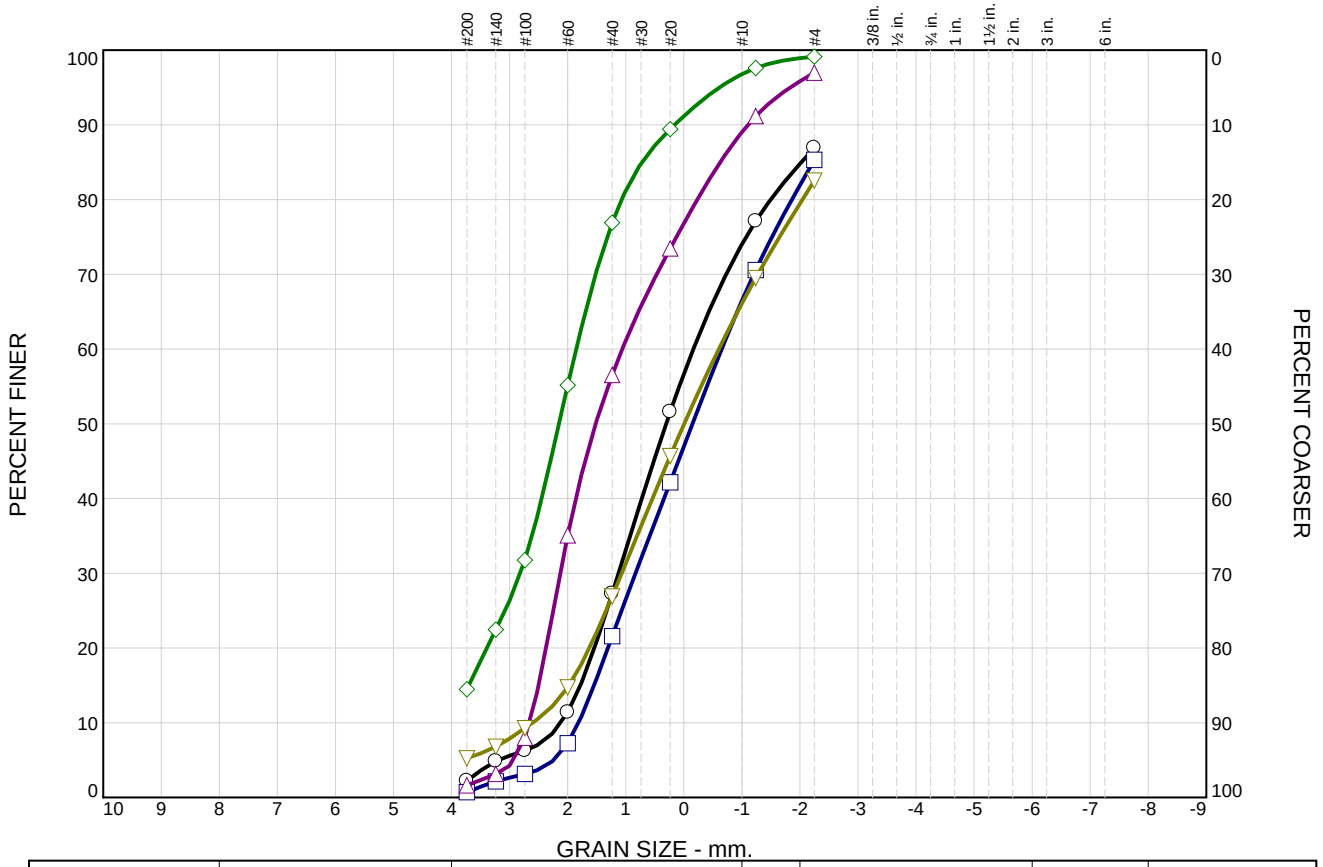
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.8	4.0	11.7	27.3	10.0								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.2097	0.2909	0.4732	0.5680	0.7461	1.2167

Fineness Modulus
1.14

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	5.6						5.8	21.7	23.6	17.3	10.8			
□	2.7						4.6	19.2	20.4	19.6	15.4			
△	4.3						30.8	26.0	15.7	12.2	6.8			
◇	26.4						28.8	26.0	10.0	5.6	2.1			
▽	7.9						6.8	16.6	18.6	16.2	13.4			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	115-119	115-119	Medium to coarse sand	
□	MW-30	119-123	119-123	Coarse to very coarse sand and gravel	
△	MW-30	123-127	123-127	Fine to medium sand	
◇	MW-30	127-131	127-131	Silt and fine to medium sand	
▽	MW-30	131-135	131-135	Medium to coarse sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator

Project No.: 10264-011 **Figure**

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 115-119 **Sample Number:** 115-119
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
576.64	0.00	#4	580.96	505.50	86.9
		#8	520.29	463.76	77.1
		#20	581.78	434.63	51.6
		#40	520.71	380.51	27.3
		#60	460.69	369.12	11.4
		#100	382.62	353.03	6.3
		#140	356.53	348.40	4.9
		#200	347.51	332.32	2.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			10.8	17.3	23.6	21.7	5.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2312	0.2910	0.3439	0.4586	0.8096	1.1209	2.8183	4.0687		

Fineness Modulus	C_u	C_c
3.13	4.85	0.81

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 119-123 **Sample Number:** 119-123
Material Description: Coarse to very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
736.69	0.00	#4	614.37	506.19	85.3
		#8	573.05	464.47	70.6
		#20	644.11	434.79	42.2
		#40	532.82	381.16	21.6
		#60	475.29	369.82	7.3
		#100	383.62	353.34	3.1
		#140	356.40	349.09	2.2
		#200	343.85	333.18	0.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			15.4	19.6	20.4	19.2	4.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2849	0.3428	0.4039	0.5618	1.1093	1.5721	3.6343	4.6744		

Fineness Modulus	C_u	C_c
3.46	5.52	0.70

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 123-127 **Sample Number:** 123-127
Material Description: Fine to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
622.98	0.00	#4	524.31	505.50	97.0
		#8	500.10	463.89	91.2
		#20	545.10	434.75	73.5
		#40	485.89	380.41	56.5
		#60	502.96	369.36	35.1
		#100	521.71	352.91	8.0
		#140	378.61	348.49	3.1
		#200	342.74	333.29	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			6.8	12.2	15.7	26.0	30.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1586	0.1766	0.1933	0.2287	0.3489	0.4794	1.1743	1.5446	2.1484	3.5615

Fineness Modulus	C_u	C_c
2.14	3.02	0.69

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 127-131 **Sample Number:** 127-131
Material Description: Silt and fine to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
670.67	0.00	#4	511.58	505.72	99.1
		#8	474.12	463.92	97.6
		#20	490.67	435.81	89.4
		#40	465.23	381.34	76.9
		#60	515.53	369.70	55.2
		#100	510.14	353.11	31.8
		#140	411.84	349.47	22.5
		#200	387.14	333.62	14.5

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.1	5.6	10.0	26.0	28.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
	0.0767	0.0952	0.1423	0.2252	0.2766	0.4752	0.6070	0.8957	1.5291

Fineness Modulus
1.30

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 131-135 **Sample Number:** 131-135
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
820.94	0.00	#4	649.04	505.72	82.5
		#8	570.97	463.92	69.5
		#20	631.32	435.81	45.7
		#40	535.54	381.34	26.9
		#60	469.63	369.70	14.7
		#100	397.88	353.11	9.3
		#140	369.85	349.47	6.8
		#200	346.36	333.62	5.2

Fractional Components

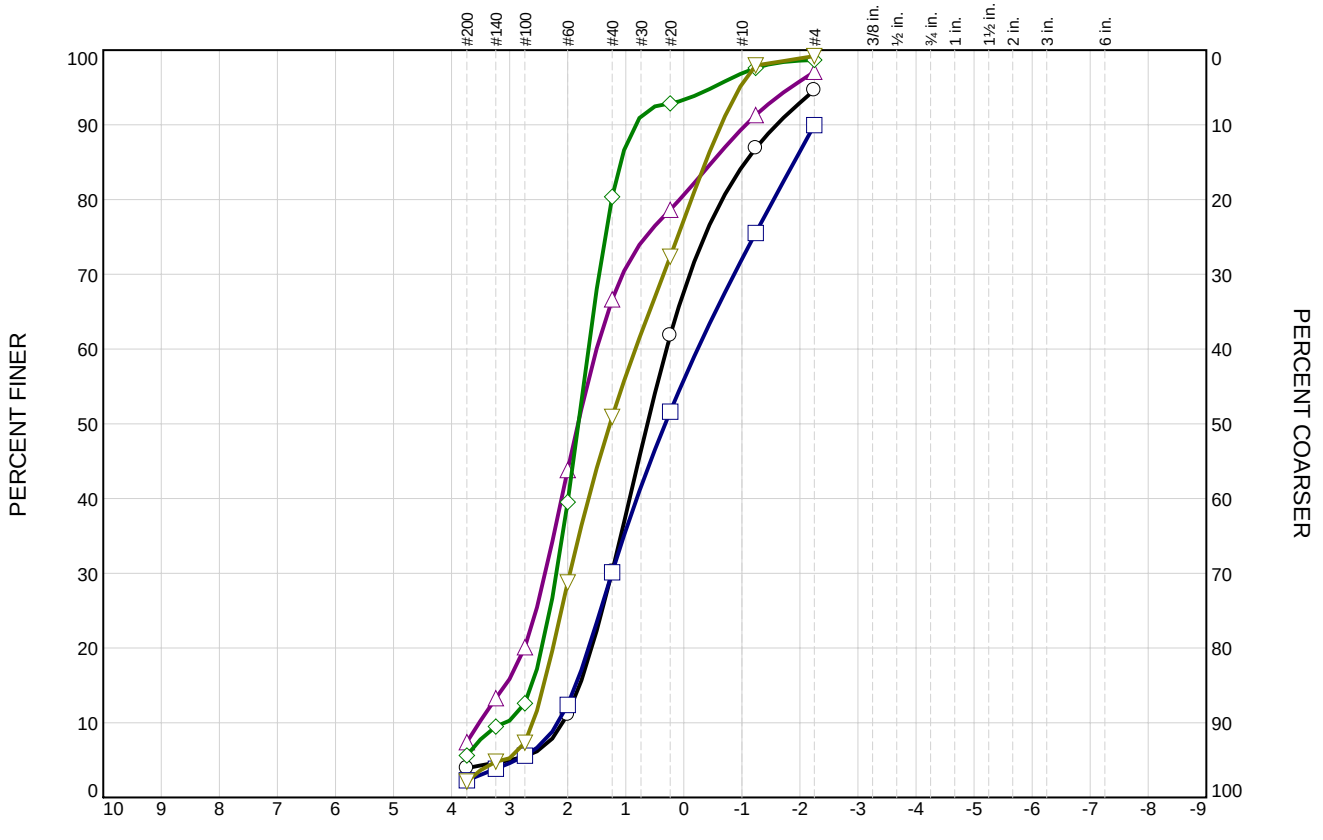
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			13.4	16.2	18.6	16.6	6.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1644	0.2540	0.3241	0.4767	1.0043	1.5190	4.1216			

Fineness Modulus	C_u	C_c
3.30	9.24	0.91

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	5.0						6.1	26.7	29.9	16.7	8.6			
□	4.6						7.8	23.3	20.2	16.1	14.5			
△	15.9						27.9	27.1	9.7	8.9	6.3			
◇	10.3						29.2	47.8	6.0	3.6	1.7			
▽	5.3						23.5	27.6	20.9	18.2	3.4			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	139-143	139-143	Medium to very coarse sand	
□	MW-30	143-147	143-147	Medium to very coarse sand and gravel	
△	MW-30	147-151	147-151	Fine to medium sand with some silt	
◇	MW-30	151-155	151-155	Medium to fine sand	
▽	MW-30	155-159	155-159	Medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: ○ C. Condliff □ C. Condliff △ C. Condliff ◇ S. Jain ▽ S. Jain **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 139-143 **Sample Number:** 139-143
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
735.41	0.00	#4	545.11	505.72	94.6
		#8	521.06	463.92	86.9
		#20	620.02	435.81	61.8
		#40	613.79	381.34	30.2
		#60	510.21	369.70	11.1
		#100	394.40	353.11	5.5
		#140	355.65	349.47	4.7
		#200	338.99	333.62	3.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.6	16.7	29.9	26.7	6.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2373	0.2885	0.3332	0.4230	0.6472	0.8122	1.5795	2.0798	3.0222	

Fineness Modulus	C_u	C_c
2.77	3.42	0.93

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 139-143 **Sample Number:** 139-143
Material Description: Medium to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
735.41	0.00	#4	545.11	505.72	94.6
		#8	521.06	463.92	86.9
		#20	620.02	435.81	61.8
		#40	613.79	381.34	30.2
		#60	510.21	369.70	11.1
		#100	394.40	353.11	5.5
		#140	355.65	349.47	4.7
		#200	338.99	333.62	3.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.6	16.7	29.9	26.7	6.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2373	0.2885	0.3332	0.4230	0.6472	0.8122	1.5795	2.0798	3.0222	

Fineness Modulus	C_u	C_c
2.77	3.42	0.93

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 143-147 **Sample Number:** 143-147
Material Description: Medium to very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
744.04	0.00	#4	580.41	505.72	90.0
		#8	571.28	463.92	75.5
		#20	613.67	435.81	51.6
		#40	541.31	381.34	30.1
		#60	501.71	369.70	12.4
		#100	403.62	353.11	5.6
		#140	362.51	349.47	3.8
		#200	345.13	333.62	2.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			14.5	16.1	20.2	23.3	7.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2234	0.2754	0.3214	0.4235	0.8007	1.1795	2.9222	3.7253		

Fineness Modulus	C_u	C_c
3.10	5.28	0.68

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 147-151 **Sample Number:** 147-151
Material Description: Fine to medium sand with some silt
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
881.00	0.00	#4	531.31	505.72	97.1
		#8	514.92	463.92	91.3
		#20	547.42	435.81	78.6
		#40	487.01	381.34	66.6
		#60	570.81	369.70	43.8
		#100	562.09	353.11	20.1
		#140	409.51	349.47	13.3
		#200	385.41	333.62	7.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			6.3	8.9	9.7	27.1	27.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0869	0.1186	0.1495	0.1913	0.2826	0.3529	0.9512	1.4003	2.0936	3.5772

Fineness Modulus	C_u	C_c
1.82	4.06	1.19

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 151-155 **Sample Number:** 151-155
Material Description: Medium to fine sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
631.92	0.00	#4	514.05	505.72	98.7
		#8	470.70	463.92	97.6
		#20	465.75	435.81	92.9
		#40	460.32	381.34	80.4
		#60	627.82	369.70	39.5
		#100	523.25	353.11	12.6
		#140	369.12	349.47	9.5
		#200	358.08	333.62	5.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.7	3.6	6.0	47.8	29.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1181	0.1633	0.1843	0.2191	0.2843	0.3202	0.4221	0.4690	0.5577	1.4130

Fineness Modulus	C_u	C_c
1.51	2.71	1.27

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 155-159 **Sample Number:** 155-159
Material Description: Medium sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
651.10	0.00	#4	510.98	505.72	99.2
		#8	472.02	463.92	97.9
		#20	602.50	435.81	72.3
		#40	520.78	381.34	50.9
		#60	514.01	369.70	28.8
		#100	492.65	353.11	7.3
		#140	366.05	349.47	4.8
		#200	350.95	333.62	2.1

Fractional Components

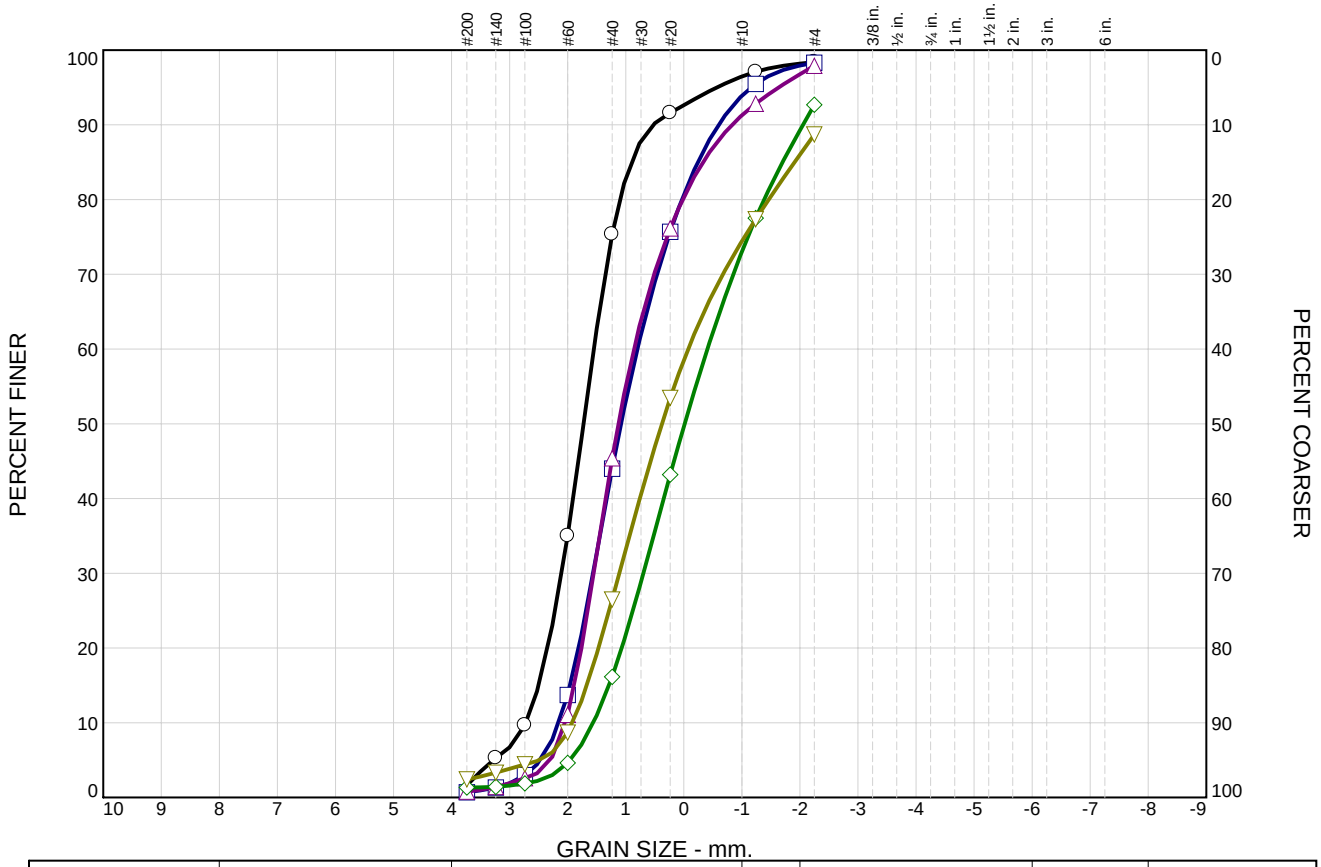
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.4	18.2	20.9	27.6	23.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1654	0.1882	0.2095	0.2565	0.4140	0.5608	1.0942	1.2964	1.5596	1.9513

Fineness Modulus	C_u	C_c
2.14	3.39	0.71

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	6.7						28.3	47.9	9.7	3.9	1.7			
□	1.9						11.8	39.4	27.6	13.2	4.0			
△	1.9						9.2	44.0	25.2	11.0	5.5			
◇	1.6						3.0	17.1	27.9	23.4	16.3			
▽	3.9						4.8	24.5	25.3	15.9	11.6			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	159-163	159-163	Medium to fine sand	
□	MW-30	163-167	163-167	Medium to coarse sand	
△	MW-30	167-171	167-171	Medium to coarse sand	
◇	MW-30	171-175	171-175	Coarse to very coarse sand and gravel	
▽	MW-30	175-179	175-179	Coarse to medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011 **Figure**

Tested By: ○ S. Jain □ S. Jain △ S. Jain ◇ S. Jain/C. Condliff ▽ S. Jain **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 159-163 **Sample Number:** 159-163
Material Description: Medium to fine sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
715.22	0.00	#4	517.20	505.72	98.4
		#8	473.18	463.92	97.1
		#20	475.12	435.81	91.6
		#40	497.52	381.34	75.4
		#60	658.20	369.70	35.0
		#100	534.32	353.11	9.7
		#140	380.98	349.47	5.3
		#200	359.75	333.62	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.7	3.9	9.7	47.9	28.3								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1519	0.1766	0.1968	0.2328	0.3020	0.3415	0.4653	0.5326	0.6929	1.4824

Fineness Modulus	C_u	C_c
1.64	2.25	1.04

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 163-167 **Sample Number:** 163-167
Material Description: Medium to coarse sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
679.61	0.00	#4	517.22	505.72	98.3
		#8	483.18	463.92	95.5
		#20	570.30	435.81	75.7
		#40	596.68	381.34	44.0
		#60	575.46	369.70	13.7
		#100	426.05	353.11	3.0
		#140	360.75	349.47	1.3
		#200	337.92	333.62	0.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			4.0	13.2	27.6	39.4	11.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2256	0.2575	0.2850	0.3386	0.4722	0.5746	0.9764	1.1819	1.5138	2.2323

Fineness Modulus	C_u	C_c
2.33	2.55	0.88

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 167-171 **Sample Number:** 167-171
Material Description: Medium to coarse sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
679.40	0.00	#4	519.95	505.72	97.9
		#8	498.45	463.92	92.8
		#20	549.16	435.81	76.1
		#40	590.30	381.34	45.4
		#60	602.84	369.70	11.1
		#100	410.72	353.11	2.6
		#140	357.52	349.47	1.4
		#200	337.88	333.62	0.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			5.5	11.0	25.2	44.0	9.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2436	0.2708	0.2947	0.3413	0.4575	0.5508	0.9859	1.2558	1.7780	3.0991

Fineness Modulus	C_u	C_c
2.38	2.26	0.87

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 171-175 **Sample Number:** 171-175
Material Description: Coarse to very coarse sand and gravel
Tested by: S. Jain/C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
742.63	0.00	#4	560.02	505.72	92.7
		#8	576.58	463.92	77.5
		#20	690.68	435.81	43.2
		#40	582.22	381.34	16.1
		#60	455.24	369.70	4.6
		#100	373.52	353.11	1.9
		#140	352.81	349.47	1.4
		#200	334.30	333.62	1.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			16.3	23.4	27.9	17.1	3.0								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3397	0.4095	0.4765	0.6176	1.0094	1.3259	2.6076	3.2507	4.1457	

Fineness Modulus	C_u	C_c
3.36	3.90	0.85

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 175-179 **Sample Number:** 175-179
Material Description: Coarse to medium sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
830.50	0.00	#4	599.52	505.72	88.7
		#8	558.05	463.92	77.4
		#20	634.40	435.81	53.5
		#40	605.32	381.34	26.5
		#60	517.55	369.70	8.7
		#100	388.42	353.11	4.4
		#140	358.75	349.47	3.3
		#200	341.06	333.62	2.4

Fractional Components

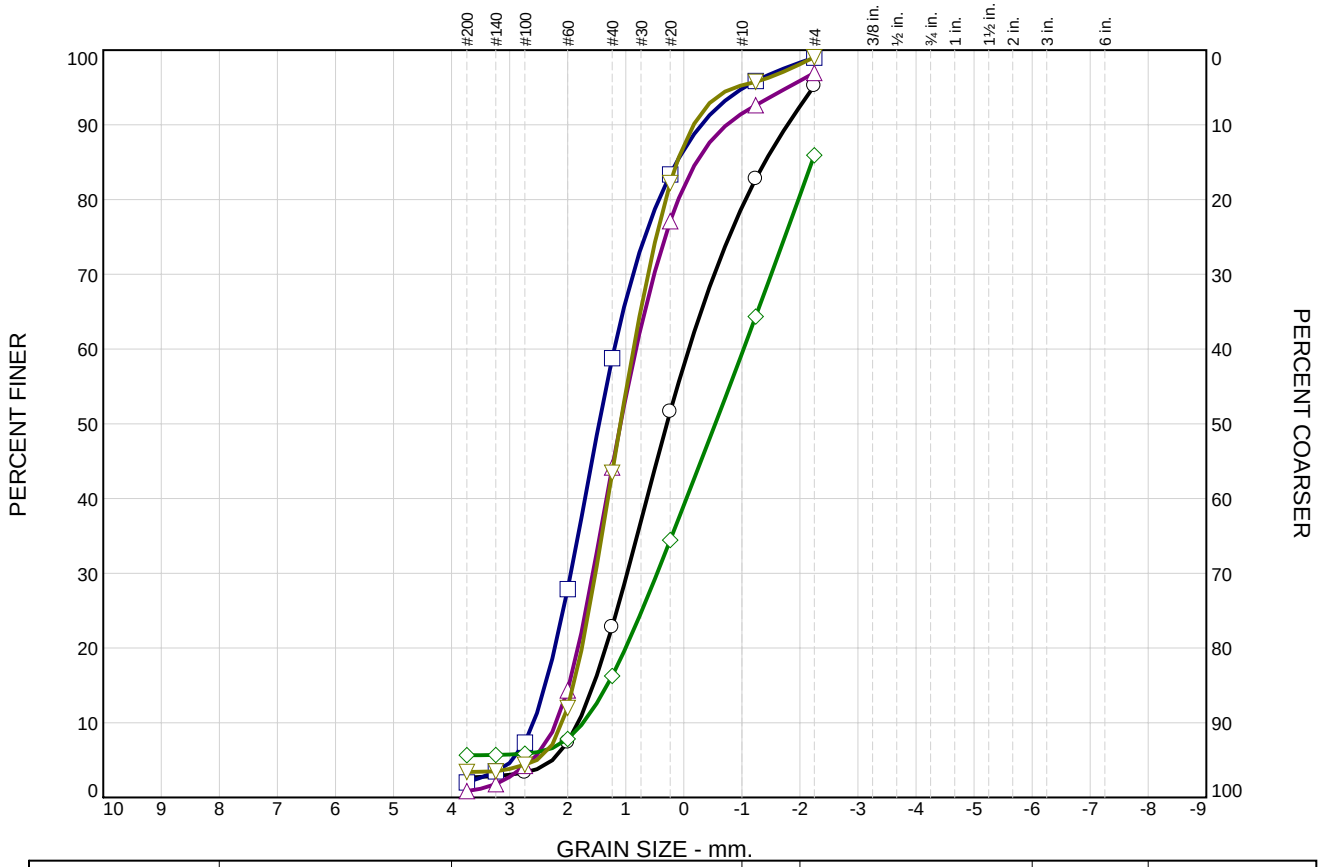
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			11.6	15.9	25.3	24.5	4.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2651	0.3145	0.3612	0.4630	0.7691	1.0524	2.7558	3.7527		

Fineness Modulus	C_u	C_c
3.12	3.97	0.77

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	3.0						4.4	21.9	28.6	21.1	13.5			
□	4.6						23.3	38.6	20.2	8.1	3.5			
△	2.8						11.5	39.3	28.1	9.8	4.4			
◇	5.7						2.1	12.2	19.1	20.3	21.2			
▽	3.8						8.2	42.2	33.1	8.0	2.8			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	179-183	179-183	Coarse sand	
□	MW-30	183-187	183-187	Medium to fine sand	
△	MW-30	187-191	187-191	Medium to coarse sand	
◇	MW-30	191-191.5	191-191.5	Coarse to very coarse sand and gravel	
▽	MW-30	191.5-194	191.5-194	Medium to coarse sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project No.: 10264-011 **Figure**

Tested By: ○ S. Jain □ S. Jain △ S. Jain ◇ C. Condliff ▽ S. Jain **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 179-183 **Sample Number:** 179-183
Material Description: Coarse sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
746.10	0.00	#4	541.35	505.72	95.2
		#8	556.86	463.92	82.8
		#20	668.20	435.81	51.6
		#40	596.22	381.34	22.8
		#60	484.80	369.70	7.4
		#100	383.26	353.11	3.4
		#140	353.05	349.47	2.9
		#200	335.12	333.62	2.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			13.5	21.1	28.6	21.9	4.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2835	0.3397	0.3939	0.5086	0.8165	1.0611	2.0883	2.6275	3.4475	4.6834

Fineness Modulus	C_u	C_c
3.07	3.74	0.86

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 183-187 **Sample Number:** 183-187
Material Description: Medium to fine sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
653.10	0.00	#4	512.30	505.72	99.0
		#8	484.31	463.92	95.9
		#20	517.48	435.81	83.4
		#40	541.92	381.34	58.8
		#60	571.50	369.70	27.9
		#100	487.26	353.11	7.3
		#140	374.61	349.47	3.5
		#200	343.22	333.62	2.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.5	8.1	20.2	38.6	23.3								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1662	0.1915	0.2146	0.2596	0.3631	0.4352	0.7409	0.9173	1.2313	2.0505

Fineness Modulus	C_u	C_c
1.96	2.62	0.93

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 187-191 **Sample Number:** 187-191
Material Description: Medium to coarse sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
666.52	0.00	#4	526.08	505.72	96.9
		#8	492.80	463.92	92.6
		#20	539.14	435.81	77.1
		#40	601.02	381.34	44.2
		#60	568.50	369.70	14.3
		#100	420.42	353.11	4.2
		#140	365.75	349.47	1.8
		#200	339.80	333.62	0.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			4.4	9.8	28.1	39.3	11.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2189	0.2542	0.2832	0.3379	0.4694	0.5648	0.9358	1.1602	1.6656	3.4568

Fineness Modulus	C_u	C_c
2.35	2.58	0.92

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 191-191.5 **Sample Number:** 191-191.5
Material Description: Coarse to very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
729.24	0.00	#4	608.31	505.72	85.9
		#8	621.32	463.92	64.3
		#20	653.92	435.81	34.4
		#40	513.86	381.34	16.3
		#60	431.22	369.70	7.8
		#100	367.41	353.11	5.9
		#140	350.78	349.47	5.7
		#200	333.82	333.62	5.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			21.2	20.3	19.1	12.2	2.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3011	0.4004	0.4992	0.7270	1.4568	2.0426	3.9258	4.6100		

Fineness Modulus	C_u	C_c
3.65	6.78	0.86

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 191.5-194 **Sample Number:** 191.5-194
Material Description: Medium to coarse sand
Tested by: S. Jain **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
695.12	0.00	#4	512.32	505.72	99.1
		#8	486.80	463.92	95.8
		#20	529.90	435.81	82.2
		#40	650.86	381.34	43.5
		#60	588.38	369.70	12.0
		#100	405.94	353.11	4.4
		#140	355.70	349.47	3.5
		#200	334.18	333.62	3.4

Fractional Components

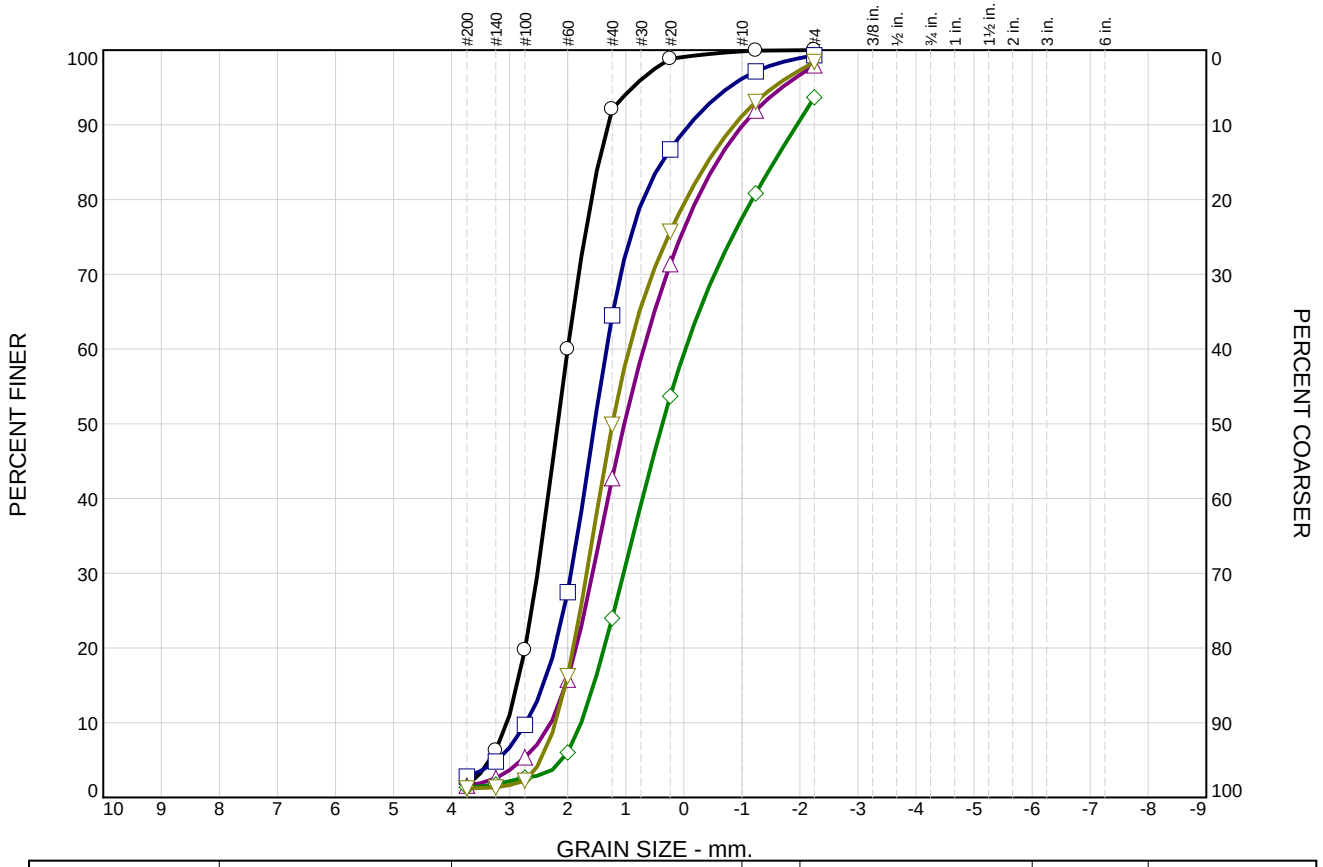
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.8	8.0	33.1	42.2	8.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2357	0.2686	0.2962	0.3486	0.4685	0.5478	0.8031	0.9219	1.1235	1.8396

Fineness Modulus	C_u	C_c
2.24	2.32	0.94

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	11.1						48.9	34.1	5.0	0.7	0.2	0.0	0.0	0.0
□	6.7						20.8	45.4	16.2	7.1	2.7			
△	3.7						12.1	35.0	25.3	13.7	6.9			
◇	2.2						3.8	25.1	28.3	18.1	13.1			
▽	1.7						14.5	42.1	21.1	11.8	6.1			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	194-195	194-195	Fine to medium sand with some silt	
□	MW-30	195-199	195-199	Medium to fine sand	
△	MW-30	199-203	199-203	Medium to coarse sand	
◇	MW-30	203-207	203-207	Coarse to very coarse sand	
▽	MW-30	207-210	207-210	Medium to coarse sand with fine sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 194-195 **Sample Number:** 194-195
Material Description: Fine to medium sand with some silt
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
780.43	0.00	#4	505.72	505.72	100.0
		#8	464.49	463.92	99.9
		#20	444.38	435.81	98.8
		#40	434.01	381.34	92.1
		#60	620.14	369.70	60.0
		#100	667.33	353.11	19.7
		#140	454.32	349.47	6.3
		#200	370.43	333.62	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
0.0	0.0	0.0	0.2	0.7	5.0	34.1	48.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1213	0.1373	0.1507	0.1742	0.2218	0.2500	0.3309	0.3616	0.4024	0.5420

Fineness Modulus	C_u	C_c
1.11	2.06	1.00

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 195-199 **Sample Number:** 195-199
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
763.98	0.00	#4	511.03	505.72	99.3
		#8	480.41	463.92	97.1
		#20	515.57	435.81	86.7
		#40	551.01	381.34	64.5
		#60	652.60	369.70	27.5
		#100	488.72	353.11	9.7
		#140	386.97	349.47	4.8
		#200	348.97	333.62	2.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.7	7.1	16.2	45.4	20.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1522	0.1870	0.2151	0.2607	0.3445	0.3961	0.6129	0.7676	1.0666	1.7077

Fineness Modulus	C_u	C_c
1.83	2.60	1.13

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 199-203 **Sample Number:** 199-203
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
746.92	0.00	#4	521.01	505.72	98.0
		#8	509.03	463.92	91.9
		#20	589.30	435.81	71.4
		#40	595.29	381.34	42.7
		#60	570.99	369.70	15.8
		#100	430.74	353.11	5.4
		#140	370.35	349.47	2.6
		#200	341.10	333.62	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			6.9	13.7	25.3	35.0	12.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2049	0.2448	0.2767	0.3368	0.4914	0.6173	1.1679	1.4814	2.0248	3.2272

Fineness Modulus	C_u	C_c
2.42	3.01	0.90

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 203-207 **Sample Number:** 203-207
Material Description: Coarse to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
746.62	0.00	#4	552.91	505.72	93.7
		#8	559.81	463.92	80.8
		#20	638.51	435.81	53.7
		#40	602.99	381.34	24.0
		#60	503.90	369.70	6.0
		#100	378.21	353.11	2.7
		#140	356.32	349.47	1.7
		#200	336.36	333.62	1.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			13.1	18.1	28.3	25.1	3.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2937	0.3406	0.3867	0.4873	0.7731	1.0178	2.2624	2.9342	3.8614	

Fineness Modulus	C_u	C_c
3.08	3.47	0.79

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 207-210 **Sample Number:** 207-210
Material Description: Medium to coarse sand with fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
689.28	0.00	#4	516.69	505.72	98.4
		#8	500.71	463.92	93.1
		#20	555.51	435.81	75.7
		#40	559.42	381.34	49.9
		#60	601.60	369.70	16.2
		#100	449.49	353.11	2.2
		#140	355.69	349.47	1.3
		#200	334.52	333.62	1.2

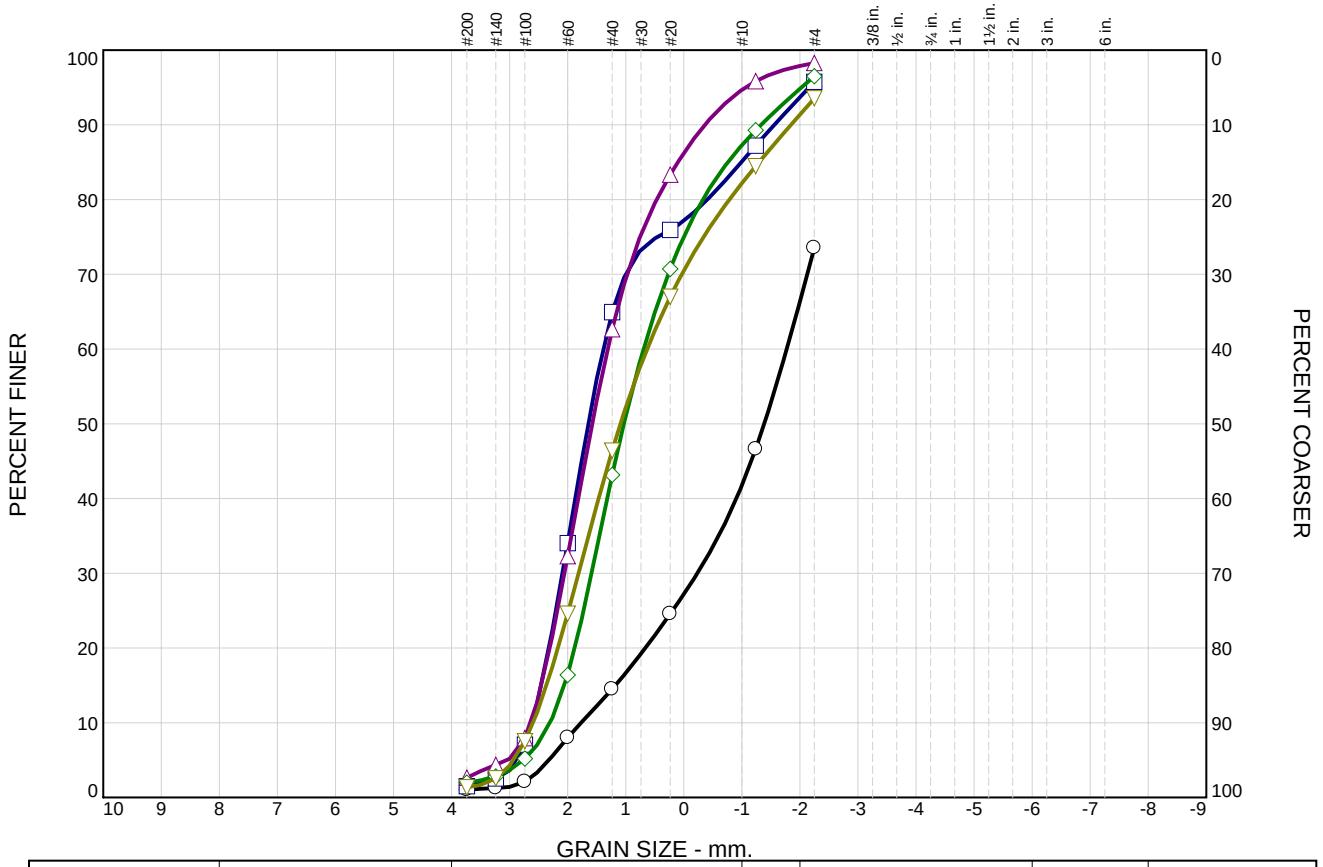
Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			6.1	11.8	21.1	42.1	14.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2166	0.2439	0.2679	0.3138	0.4260	0.5190	1.0269	1.3263	1.8260	2.9043

Fineness Modulus	C_u	C_c
2.31	2.40	0.88

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	1.4						6.6	8.7	10.5	14.5	24.7			
□	3.6						30.4	36.1	7.1	7.9	8.6			
△	5.2						27.1	37.1	16.8	8.5	3.2			
◇	3.7						12.7	34.7	23.9	12.3	7.5			
▽	4.3						20.3	27.6	18.3	11.7	9.2			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-30	210-211	210-211	Very coarse sand and gravel with some fine sand	
□	MW-30	211-215	211-215	Medium to fine sand	
△	MW-30	215-223	215-223	Medium to fine sand	
◇	MW-30	223-231	223-231	Medium to coarse sand	
▽	MW-30	231-235	231-235	Medium to fine sand with some coarse sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 210-211 **Sample Number:** 210-211
Material Description: Very coarse sand and gravel with some fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
763.68	0.00	#4	707.83	505.72	73.5
		#8	669.58	463.92	46.6
		#20	604.09	435.81	24.6
		#40	458.21	381.34	14.5
		#60	419.40	369.70	8.0
		#100	398.09	353.11	2.1
		#140	355.82	349.47	1.3
		#200	335.41	333.62	1.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			24.7	14.5	10.5	8.7	6.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2932	0.4418	0.6317	1.1767	2.6142	3.4176				

Fineness Modulus	C_u	C_c
4.18	11.66	1.38

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 211-215 **Sample Number:** 211-215
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
652.12	0.00	#4	533.38	505.72	95.8
		#8	519.60	463.92	87.2
		#20	509.41	435.81	75.9
		#40	453.02	381.34	64.9
		#60	571.24	369.70	34.0
		#100	528.87	353.11	7.1
		#140	379.04	349.47	2.6
		#200	340.41	333.62	1.5

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.6	7.9	7.1	36.1	30.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1632	0.1823	0.1999	0.2351	0.3195	0.3810	1.3243	1.9860	2.9468	4.4576

Fineness Modulus	C_u	C_c
2.12	2.33	0.89

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 215-223 **Sample Number:** 215-223
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
723.67	0.00	#4	518.21	505.72	98.3
		#8	481.53	463.92	95.8
		#20	526.31	435.81	83.3
		#40	531.00	381.34	62.7
		#60	589.42	369.70	32.3
		#100	529.31	353.11	7.9
		#140	375.33	349.47	4.4
		#200	346.10	333.62	2.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.2	8.5	16.8	37.1	27.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1610	0.1826	0.2020	0.2407	0.3349	0.4023	0.7220	0.9309	1.2856	2.0840

Fineness Modulus	C_u	C_c
1.90	2.50	0.89

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 223-231 **Sample Number:** 223-231
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
736.83	0.00	#4	531.45	505.72	96.5
		#8	517.22	463.92	89.3
		#20	572.51	435.81	70.7
		#40	584.41	381.34	43.2
		#60	566.92	369.70	16.4
		#100	435.59	353.11	5.2
		#140	367.03	349.47	2.8
		#200	339.68	333.62	2.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.5	12.3	23.9	34.7	12.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2026	0.2407	0.2724	0.3326	0.4886	0.6181	1.2546	1.6902	2.5156	4.0712

Fineness Modulus	C_u	C_c
2.47	3.05	0.88

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/8/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-30
Depth: 231-235 **Sample Number:** 231-235
Material Description: Medium to fine sand with some coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
790.71	0.00	#4	556.79	505.72	93.5
		#8	535.62	463.92	84.5
		#20	574.03	435.81	67.0
		#40	544.02	381.34	46.4
		#60	542.30	369.70	24.6
		#100	488.01	353.11	7.5
		#140	388.73	349.47	2.6
		#200	343.12	333.62	1.4

Fractional Components

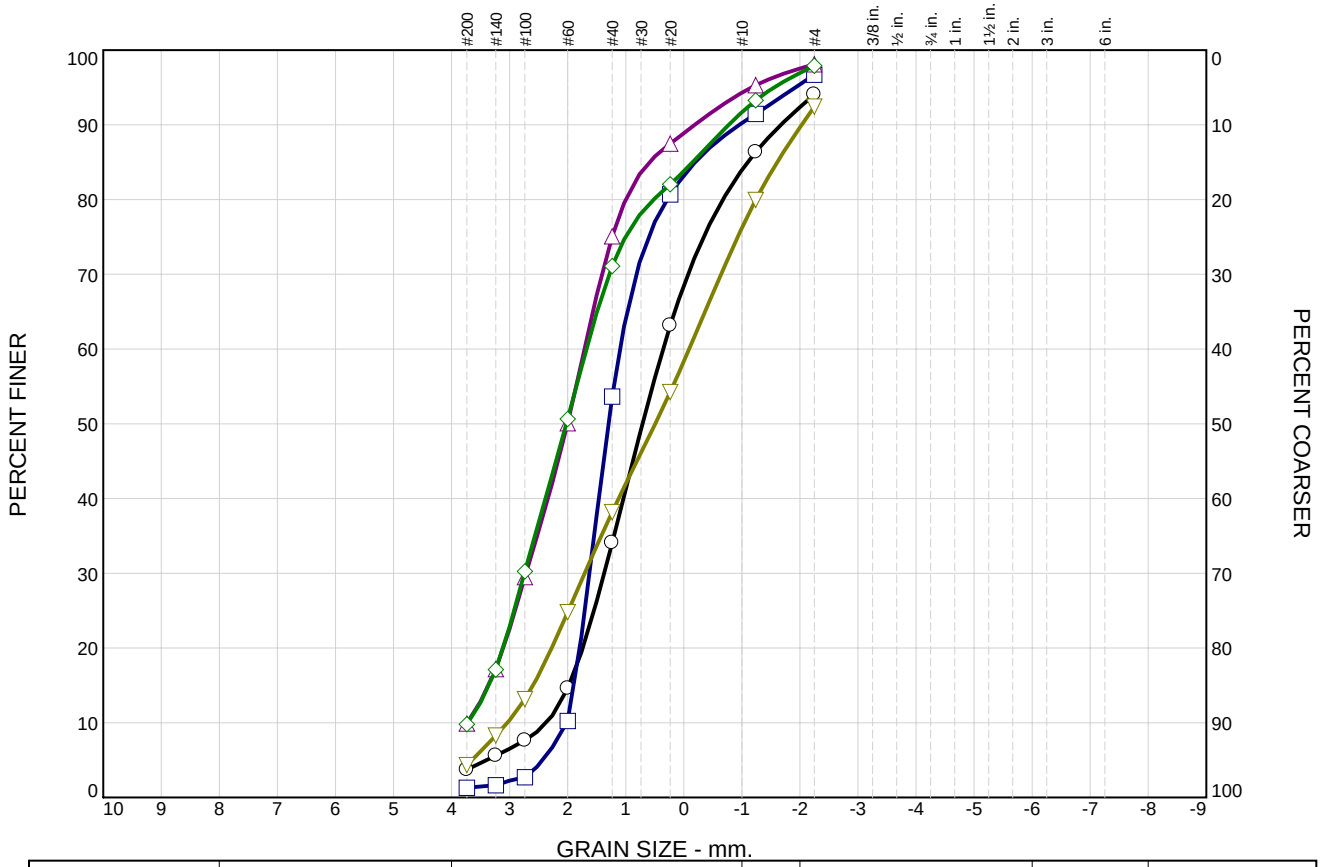
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			9.2	11.7	18.3	27.6	20.3								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1654	0.1942	0.2227	0.2848	0.4689	0.6448	1.7215	2.4538	3.5951	

Fineness Modulus	C_u	C_c
2.51	3.90	0.76

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	6.5						8.1	26.6	27.3	15.5	8.4			
□	2.3						7.9	54.0	19.0	7.0	5.2			
△	22.6						27.5	29.9	8.9	5.4	3.2			
◇	22.9						27.7	24.5	8.7	7.9	5.2			
▽	10.4						14.4	17.2	16.3	17.9	13.5			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-33	127-131	127-131	Medium sand	
□	MW-33	131-135	131-135	Fine to medium sand	
△	MW-33	136-140	136-140	Very fine sand and silt	
◇	MW-33	140-144	140-144	Fine to very fine sand	
▽	MW-33	144-148	144-148	Medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 127-131 **Sample Number:** 127-131
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
1031.01	0.00	#4	567.10	505.72	94.0
		#8	543.18	463.92	86.4
		#20	675.00	435.81	63.2
		#40	681.29	381.34	34.1
		#60	570.42	369.70	14.6
		#100	424.69	353.11	7.7
		#140	370.50	349.47	5.6
		#200	353.10	333.62	3.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.4	15.5	27.3	26.6	8.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1941	0.2540	0.2994	0.3868	0.6106	0.7801	1.5940	2.1430	3.1862	

Fineness Modulus	C_u	C_c
2.69	4.02	0.99

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 131-135 **Sample Number:** 131-135
Material Description: Fine to medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
966.66	0.00	#4	537.51	505.72	96.7
		#8	514.69	463.92	91.5
		#20	539.89	435.81	80.7
		#40	642.88	381.34	53.6
		#60	789.20	369.70	10.2
		#100	425.90	353.11	2.7
		#140	359.79	349.47	1.6
		#200	336.91	333.62	1.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			5.2	7.0	19.0	54.0	7.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2472	0.2702	0.2889	0.3246	0.4060	0.4657	0.8170	1.1448	1.9416	3.7874

Fineness Modulus	C_u	C_c
2.28	1.88	0.92

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 136-140 **Sample Number:** 136-140
Material Description: Very fine sand and silt
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
952.45	0.00	#4	523.77	505.72	98.1
		#8	490.60	463.92	95.3
		#20	510.31	435.81	87.5
		#40	499.45	381.34	75.1
		#60	607.81	369.70	50.1
		#100	549.23	353.11	29.5
		#140	466.82	349.47	17.2
		#200	402.81	333.62	9.9

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.2	5.4	8.9	29.9	27.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0754	0.0975	0.1161	0.1520	0.2496	0.3055	0.4993	0.6603	1.1395	2.2373

Fineness Modulus	C_u	C_c
1.44	4.05	1.00

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 140-144 **Sample Number:** 140-144
Material Description: Fine to very fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
886.27	0.00	#4	524.30	505.72	97.9
		#8	504.92	463.92	93.3
		#20	535.37	435.81	82.0
		#40	478.29	381.34	71.1
		#60	551.01	369.70	50.6
		#100	533.82	353.11	30.3
		#140	465.95	349.47	17.1
		#200	398.43	333.62	9.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			5.2	7.9	8.7	24.5	27.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0759	0.0980	0.1157	0.1491	0.2461	0.3127	0.6968	1.1109	1.7088	2.9328

Fineness Modulus	C_u	C_c
1.56	4.12	0.94

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 144-148 **Sample Number:** 144-148
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
939.40	0.00	#4	576.82	505.72	92.4
		#8	581.11	463.92	80.0
		#20	677.30	435.81	54.2
		#40	532.29	381.34	38.2
		#60	495.47	369.70	24.8
		#100	462.46	353.11	13.2
		#140	395.17	349.47	8.3
		#200	370.79	333.62	4.3

Fractional Components

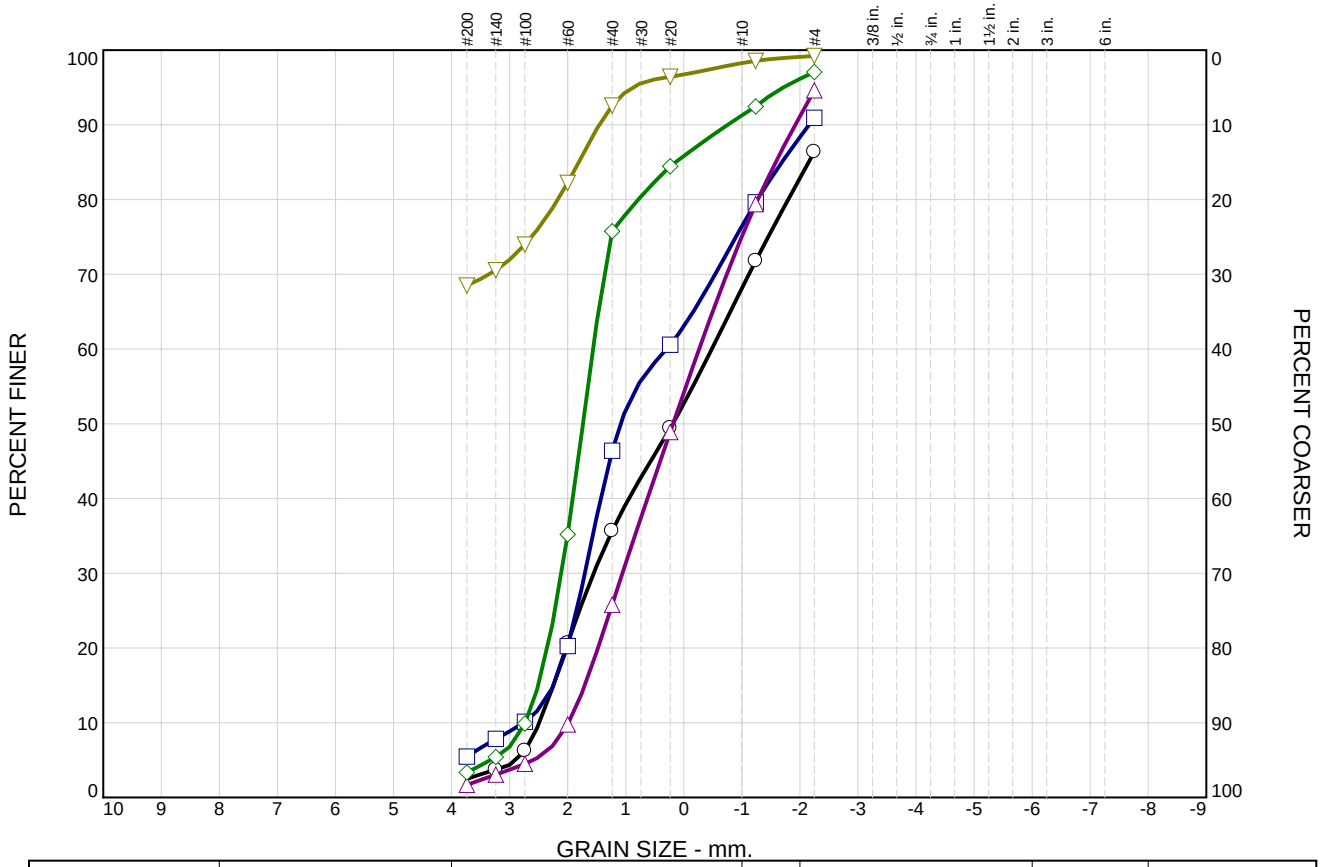
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			13.5	17.9	16.3	17.2	14.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1217	0.1653	0.2066	0.3062	0.7108	1.0659	2.3648	3.0472	4.0838	

Fineness Modulus	C_u	C_c
2.76	8.76	0.72

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	4.4						16.2	18.6	13.5	15.4	14.8			
□	8.9						11.4	31.6	11.1	13.4	12.0			
△	3.7						6.1	21.5	22.9	20.9	16.0			
◇	6.8						28.4	42.8	7.8	5.5	4.9			
▽	72.0						10.2	12.2	2.3	1.6	0.8			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-33	148-151	148-151	Medium to coarse sand and gravel	
□	MW-33	155-159	155-159	Medium to coarse sand	
△	MW-33	160-164	160-164	Coarse sand	
◇	MW-33	164-168	164-168	Medium sand	
▽	MW-33	168-172	168-172	Hard clay	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 148-151 **Sample Number:** 148-151
Material Description: Medium to coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
999.03	0.00	#4	641.79	505.72	86.4
		#8	609.66	463.92	71.8
		#20	659.37	435.81	49.4
		#40	518.69	381.34	35.7
		#60	519.81	369.70	20.6
		#100	497.01	353.11	6.2
		#140	374.55	349.47	3.7
		#200	346.06	333.62	2.5

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			14.8	15.4	13.5	18.6	16.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1781	0.2105	0.2451	0.3408	0.8756	1.3973	3.4760	4.4383		

Fineness Modulus	C_u	C_c
3.10	7.84	0.47

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 155-159 **Sample Number:** 155-159
Material Description: Medium to coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
998.98	0.00	#4	596.20	505.72	90.9
		#8	576.92	463.92	79.6
		#20	626.14	435.81	60.6
		#40	523.01	381.34	46.4
		#60	630.80	369.70	20.3
		#100	454.32	353.11	10.1
		#140	372.31	349.47	7.8
		#200	357.22	333.62	5.5

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			12.0	13.4	11.1	31.6	11.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1476	0.2111	0.2483	0.3070	0.4691	0.8136	2.4076	3.2245	4.4604	

Fineness Modulus	C_u	C_c
2.69	5.51	0.78

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 160-164 **Sample Number:** 160-164
Material Description: Coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
890.77	0.00	#4	553.62	505.72	94.6
		#8	599.59	463.92	79.4
		#20	707.52	435.81	48.9
		#40	587.01	381.34	25.8
		#60	512.50	369.70	9.8
		#100	400.01	353.11	4.5
		#140	362.32	349.47	3.1
		#200	345.86	333.62	1.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			16.0	20.9	22.9	21.5	6.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2528	0.3069	0.3589	0.4805	0.8795	1.2011	2.4185	2.9949	3.7840	

Fineness Modulus	C_u	C_c
3.10	4.75	0.76

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 164-168 **Sample Number:** 164-168
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
917.81	0.00	#4	532.62	505.72	97.1
		#8	506.29	463.92	92.5
		#20	509.21	435.81	84.5
		#40	461.12	381.34	75.8
		#60	742.00	369.70	35.2
		#100	585.41	353.11	9.9
		#140	390.53	349.47	5.4
		#200	352.51	333.62	3.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			4.9	5.5	7.8	42.8	28.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1507	0.1758	0.1963	0.2324	0.2999	0.3381	0.5805	0.9061	1.6896	3.2801

Fineness Modulus	C_u	C_c
1.83	2.24	1.06

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 168-172 **Sample Number:** 168-172
Material Description: Hard clay
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
660.32	0.00	#4	510.91	505.72	99.2
		#8	468.29	463.92	98.6
		#20	449.83	435.81	96.4
		#40	406.80	381.34	92.6
		#60	437.93	369.70	82.2
		#100	407.64	353.11	74.0
		#140	372.16	349.47	70.5
		#200	347.12	333.62	68.5

Fractional Components

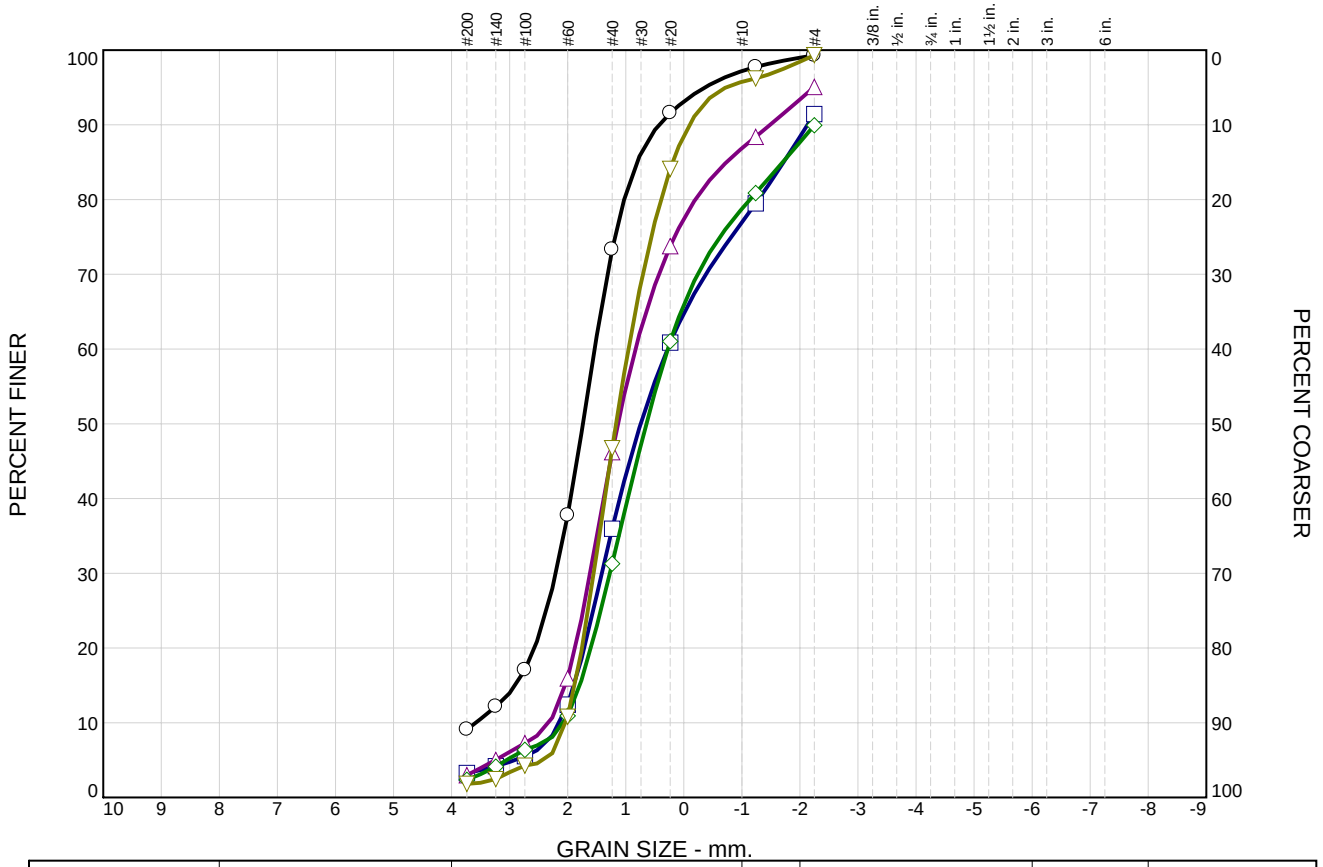
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			0.8	1.6	2.3	12.2	10.2								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.2224	0.2854	0.3641	0.5408

Fineness Modulus
0.50

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	14.0						23.8	42.9	12.4	4.1	1.8			
□	4.8						7.6	30.7	21.7	12.1	11.5			
△	6.1						9.8	38.9	22.7	9.4	6.5			
◇	5.3						5.6	28.0	27.1	12.8	8.9			
▽	3.4						7.4	47.2	30.6	7.1	2.7			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-33	172-175	172-175	Medium to fine sand and silt	
□	MW-33	175-179	175-179	Medium sand and gravel	
△	MW-33	179-183	179-183	Medium sand	
◇	MW-33	183-187	183-187	Medium to coarse sand, some gravel	
▽	MW-33	187-191	187-191	Medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 172-175 **Sample Number:** 172-175
Material Description: Medium to fine sand and silt
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
936.47	0.00	#4	512.23	505.72	99.3
		#8	478.52	463.92	97.7
		#20	493.57	435.81	91.6
		#40	552.32	381.34	73.3
		#60	702.79	369.70	37.8
		#100	546.83	353.11	17.1
		#140	395.26	349.47	12.2
		#200	362.52	333.62	9.1

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.8	4.1	12.4	42.9	23.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0834	0.1343	0.1682	0.2172	0.2998	0.3449	0.4904	0.5713	0.7418	1.2832

Fineness Modulus	C_u	C_c
1.55	4.14	1.64

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 175-179 **Sample Number:** 175-179
Material Description: Medium sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
980.06	0.00	#4	589.53	505.72	91.4
		#8	581.10	463.92	79.5
		#20	618.30	435.81	60.9
		#40	625.41	381.34	36.0
		#60	600.48	369.70	12.4
		#100	420.68	353.11	5.5
		#140	362.59	349.47	4.2
		#200	342.58	333.62	3.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			11.5	12.1	21.7	30.7	7.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2278	0.2698	0.3047	0.3756	0.5973	0.8224	2.4368	3.2907	4.3776	

Fineness Modulus	C_u	C_c
2.86	3.61	0.75

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 179-183 **Sample Number:** 179-183
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
879.10	0.00	#4	549.03	505.72	95.1
		#8	522.60	463.92	88.4
		#20	564.39	435.81	73.8
		#40	623.75	381.34	46.2
		#60	635.80	369.70	15.9
		#100	429.21	353.11	7.3
		#140	369.16	349.47	5.0
		#200	351.62	333.62	3.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			6.5	9.4	22.7	38.9	9.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2001	0.2439	0.2739	0.3269	0.4550	0.5608	1.1470	1.6619	2.8013	4.7142

Fineness Modulus	C_u	C_c
2.41	2.80	0.95

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 183-187 **Sample Number:** 183-187
Material Description: Medium to coarse sand, some gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
812.83	0.00	#4	587.51	505.72	89.9
		#8	537.62	463.92	80.9
		#20	597.02	435.81	61.0
		#40	623.21	381.34	31.3
		#60	535.13	369.70	10.9
		#100	390.13	353.11	6.4
		#140	367.69	349.47	4.1
		#200	348.02	333.62	2.4

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			8.9	12.8	27.1	28.0	5.6								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2389	0.2889	0.3302	0.4135	0.6392	0.8246	2.2030	3.2555		

Fineness Modulus	C_u	C_c
2.89	3.45	0.87

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 187-191 **Sample Number:** 187-191
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
757.59	0.00	#4	510.83	505.72	99.3
		#8	487.52	463.92	96.2
		#20	527.54	435.81	84.1
		#40	664.41	381.34	46.7
		#60	641.90	369.70	10.8
		#100	402.71	353.11	4.3
		#140	363.09	349.47	2.5
		#200	338.44	333.62	1.8

Fractional Components

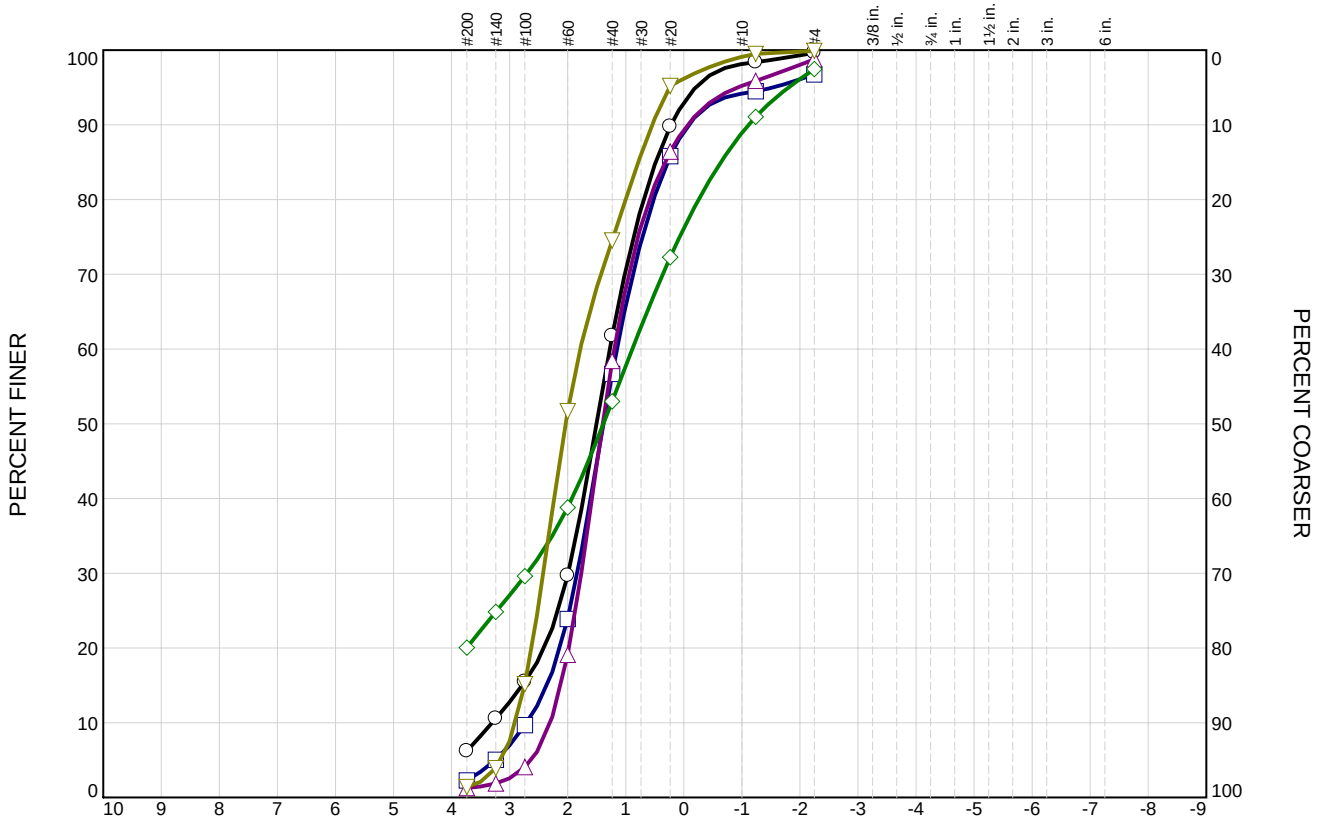
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.7	7.1	30.6	47.2	7.4								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2449	0.2728	0.2965	0.3414	0.4445	0.5157	0.7592	0.8743	1.0663	1.6491

Fineness Modulus	C_u	C_c
2.19	2.11	0.92

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	12.8						16.9	40.9	22.4	5.1	1.2			
□	7.0						16.9	42.0	23.2	5.1	1.9			
△	2.6						16.5	49.1	21.1	5.9	2.8			
◇	27.1						11.7	18.9	18.5	12.7	7.2			
▽	7.6						44.1	28.3	16.2	2.9	0.7			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-33	191-195	191-195	Medium to fine sand	
□	MW-33	195-199	195-199	Medium to fine sand	
△	MW-33	199-203	199-203	Medium to fine sand	
◇	MW-33	203-207	203-207	Partially medium sand, partially very fine sand with silt	
▽	MW-33	207-211	207-211	Fine to very fine sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 191-195 **Sample Number:** 191-195
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
851.41	0.00	#4	508.72	505.72	99.6
		#8	474.63	463.92	98.4
		#20	509.10	435.81	89.8
		#40	619.98	381.34	61.8
		#60	642.81	369.70	29.7
		#100	473.79	353.11	15.5
		#140	391.51	349.47	10.6
		#200	370.63	333.62	6.2

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.2	5.1	22.4	40.9	16.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1015	0.1454	0.1889	0.2517	0.3527	0.4128	0.6183	0.7134	0.8581	1.1501

Fineness Modulus	C_u	C_c
1.73	4.07	1.51

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 195-199 **Sample Number:** 195-199
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
883.93	0.00	#4	534.51	505.72	96.7
		#8	483.84	463.92	94.5
		#20	512.49	435.81	85.8
		#40	638.88	381.34	56.7
		#60	659.56	369.70	23.9
		#100	478.64	353.11	9.7
		#140	390.42	349.47	5.1
		#200	358.12	333.62	2.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			1.9	5.1	23.2	42.0	16.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1529	0.1953	0.2284	0.2804	0.3826	0.4494	0.6958	0.8226	1.0565	2.8963

Fineness Modulus	C_u	C_c
1.99	2.94	1.14

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 199-203 **Sample Number:** 199-203
Material Description: Medium to fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
819.16	0.00	#4	515.88	505.72	98.8
		#8	487.51	463.92	95.9
		#20	513.29	435.81	86.4
		#40	610.88	381.34	58.4
		#60	691.73	369.70	19.1
		#100	476.11	353.11	4.1
		#140	367.43	349.47	1.9
		#200	338.66	333.62	1.3

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.8	5.9	21.1	49.1	16.5								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2030	0.2310	0.2539	0.2941	0.3791	0.4352	0.6627	0.7961	1.0453	1.8980

Fineness Modulus	C_u	C_c
2.02	2.14	0.98

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 203-207 **Sample Number:** 203-207
Material Description: Partially medium sand, partially very fine sand with silt
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
793.37	0.00	#4	525.84	505.72	97.5
		#8	514.62	463.92	91.1
		#20	584.81	435.81	72.3
		#40	534.34	381.34	53.0
		#60	482.37	369.70	38.8
		#100	426.02	353.11	29.6
		#140	387.39	349.47	24.8
		#200	371.60	333.62	20.0

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			7.2	12.7	18.5	18.9	11.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1540	0.3830	0.5409	1.1930	1.5554	2.1660	3.4891

Fineness Modulus
1.96

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 207-211 **Sample Number:** 207-211
Material Description: Fine to very fine sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
923.40	0.00	#4	506.68	505.72	99.9
		#8	467.64	463.92	99.5
		#20	475.48	435.81	95.2
		#40	572.21	381.34	74.5
		#60	580.62	369.70	51.7
		#100	690.42	353.11	15.2
		#140	453.19	349.47	3.9
		#200	356.84	333.62	1.4

Fractional Components

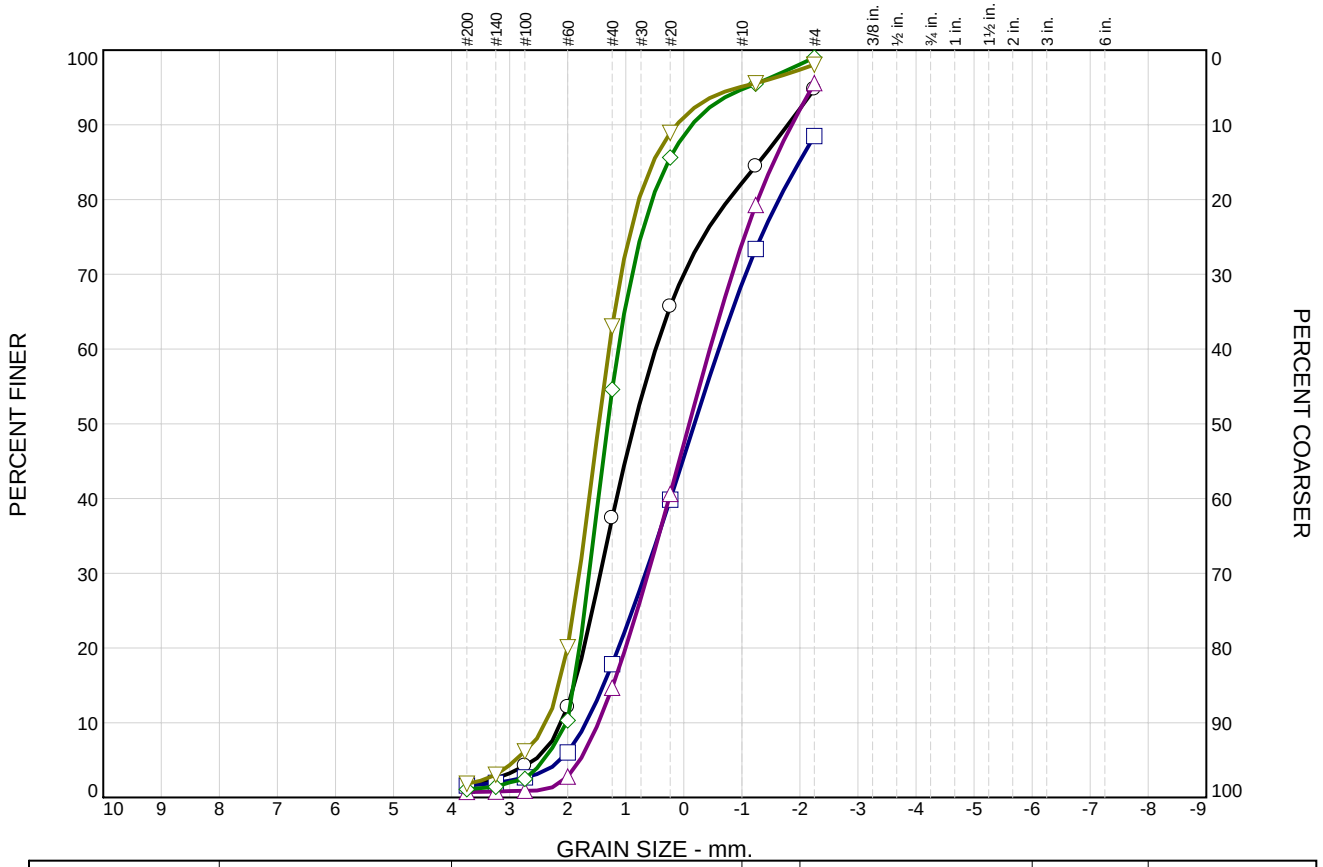
Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			0.7	2.9	16.2	28.3	44.1								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1343	0.1496	0.1625	0.1867	0.2437	0.2901	0.4995	0.5809	0.6851	0.8415

Fineness Modulus	C_u	C_c
1.41	2.16	0.89

US EPA ARCHIVE DOCUMENT

Particle Size Distribution Report



	% Clay	% Silt				% Sand					% Granules	% Pebbles	% +3"	% Boulders
		V. Fine	Fine	Med.	Crs.	V. Fine	Fine	Med.	Crs.	V. Crs.				
○	3.2						8.9	33.3	24.7	12.1	10.0			
□	2.3						3.7	16.6	22.9	23.2	16.5			
△	0.9						1.9	17.3	27.2	26.8	18.0			
◇	2.0						8.3	55.7	22.6	6.1	3.4			
▽	4.3						15.8	53.0	17.9	4.1	2.3			

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	MW-33	215-219	215-219	Medium to coarse sand, some gravel	
□	MW-33	219-223	219-223	Coarse to very coarse sand and gravel	
△	MW-33	223-227	223-227	Coarse to very coarse sand	
◇	MW-33	227-231	227-231	Medium sand	
▽	MW-33	231-235	231-235	Medium sand	

ENSR

Pewaukee, WI

Client: Garvey Elevator

Project: Garvey Grain Elevator

Project No.: 10264-011

Figure

Tested By: C. Condliff **Checked By:** S. Tarmann

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 215-219 **Sample Number:** 215-219
Material Description: Medium to coarse sand, some gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
951.68	0.00	#4	555.49	505.72	94.8
		#8	561.92	463.92	84.5
		#20	614.51	435.81	65.7
		#40	650.75	381.34	37.4
		#60	610.41	369.70	12.1
		#100	427.71	353.11	4.3
		#140	365.64	349.47	2.6
		#200	340.84	333.62	1.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			10.0	12.1	24.7	33.3	8.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2327	0.2708	0.3035	0.3693	0.5541	0.7135	1.7082	2.4514	3.4622	

Fineness Modulus	C_u	C_c
2.70	3.07	0.82

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 219-223 **Sample Number:** 219-223
Material Description: Coarse to very coarse sand and gravel
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
917.44	0.00	#4	611.18	505.72	88.5
		#8	602.66	463.92	73.4
		#20	743.41	435.81	39.9
		#40	583.33	381.34	17.8
		#60	478.04	369.70	6.0
		#100	383.79	353.11	2.7
		#140	356.16	349.47	2.0
		#200	336.92	333.62	1.6

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			16.5	23.2	22.9	16.6	3.7								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3119	0.3832	0.4583	0.6337	1.1360	1.5194	3.1083	3.9616		

Fineness Modulus	C_u	C_c
3.47	4.87	0.85

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 223-227 **Sample Number:** 223-227
Material Description: Coarse to very coarse sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
885.56	0.00	#4	544.86	505.72	95.6
		#8	608.32	463.92	79.3
		#20	778.18	435.81	40.6
		#40	610.91	381.34	14.7
		#60	475.05	369.70	2.8
		#100	369.82	353.11	0.9
		#140	350.49	349.47	0.8
		#200	334.07	333.62	0.7

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			18.0	26.8	27.2	17.3	1.9								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.3614	0.4292	0.4991	0.6533	1.0670	1.3657	2.4195	2.9187	3.6271	4.6157

Fineness Modulus	C_u	C_c
3.38	3.78	0.86

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 227-231 **Sample Number:** 227-231
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
810.76	0.00	#4	513.84	505.72	99.0
		#8	492.38	463.92	95.5
		#20	515.72	435.81	85.6
		#40	632.93	381.34	54.6
		#60	728.73	369.70	10.3
		#100	416.59	353.11	2.5
		#140	358.09	349.47	1.4
		#200	336.28	333.62	1.1

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			3.4	6.1	22.6	55.7	8.3								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.2465	0.2697	0.2883	0.3236	0.4023	0.4565	0.6839	0.8254	1.0995	2.1161

Fineness Modulus	C_u	C_c
2.14	1.85	0.93

US EPA ARCHIVE DOCUMENT

GRAIN SIZE DISTRIBUTION TEST DATA

5/31/2007

Client: Garvey Elevator
Project: Garvey Grain Elevator
Project Number: 10264-011
Location: MW-33
Depth: 231-235 **Sample Number:** 231-235
Material Description: Medium sand
Tested by: C. Condliff **Checked by:** S. Tarmann

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
766.24	0.00	#4	520.71	505.72	98.0
		#8	482.88	463.92	95.6
		#20	486.69	435.81	88.9
		#40	579.80	381.34	63.0
		#60	698.64	369.70	20.1
		#100	459.84	353.11	6.2
		#140	373.45	349.47	3.0
		#200	342.79	333.62	1.8

Fractional Components

Boulders	Cobbles	Pebbles	Granules	Sand						Silt					Clay
				V. Crs.	Crs.	Med.	Fine	V. Fine	Total	Crs.	Med.	Fine	V. Fine	Total	
			2.3	4.1	17.9	53.0	15.8								

D_{10}	D_{15}	D_{20}	D_{30}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.1937	0.2262	0.2496	0.2874	0.3622	0.4083	0.5845	0.6909	0.9172	1.9309

Fineness Modulus	C_u	C_c
1.93	2.11	1.04

US EPA ARCHIVE DOCUMENT

ANALYTICAL DATA FROM USEPA-LEAD INVESTIGATIONS

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 09/15/2008

Subject: Transmittal of Sample Analysis Results for ASR #: 3939

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Michael F. Davis, Chief
Laboratory Branch, Environmental Services Division

To: Randy Schademann
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

US EPA ARCHIVE DOCUMENT

Project Manager: Randy Schademann Org: SUPR/ER&R Phone: 913-551-7331
Project ID: RSA72Z00
Project Desc: Garvey Elevator - Removal Assessment sampling
Location: Hastings State: Nebraska Program: Superfund
Site Name: GARVEY ELEVATOR - SITEWIDE Site ID: A72Z Site OU: 00
Purpose: Site Characterization GPRA PRC: 302DC6C

US EPA ARCHIVE DOCUMENT

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FB = Field Blank

Units: Specific units in which results are reported.

Deg C = Degrees Celsius
NTU = Nephelometric Turbidity Units
SU = Standard Units (pH)
mg/L = Milligrams per Liter
ug/L = Micrograms per Liter
ug/m3 = Micrograms per Cubic Meter
umhos/cm = Micromhos per Centimeter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
R = The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	__	Air	SVE-4-0 (S-1)		08/13/2008	08:15			08/18/2008
2	__	Air	SVE-8-0 (S-2)		08/13/2008	14:19			08/18/2008
3	__	Air	SVE-1-0		08/13/2008	14:46			08/18/2008
4	__	Air	SVE-4-100		08/13/2008	17:09			08/18/2008
5	__	Air	SVE-7-0		08/13/2008	14:52			08/18/2008
6	__	Air	SVE-3-0		08/13/2008	15:05			08/18/2008
7	__	Air	SVE-11-0		08/13/2008	15:11			08/18/2008
8	__	Air	SVE-10-0		08/13/2008	15:19			08/18/2008
9	__	Air	SVE-9-0		08/13/2008	15:22			08/18/2008
10	__	Air	SVE-Tot. Eff.-0		08/13/2008	15:32			08/18/2008
11	__	Air	SVE-8-100		08/13/2008	17:14			08/18/2008
12	__	Air	SVE-1-100		08/13/2008	17:18			08/18/2008
13	__	Air	SVE-7-100		08/13/2008	17:22			08/18/2008
14	__	Air	SVE-3-100		08/13/2008	17:26			08/18/2008
15	__	Air	SVE-11-100		08/13/2008	17:32			08/18/2008
16	__	Air	SVE-10-100		08/13/2008	17:36			08/18/2008
17	__	Air	SVE-9-100		08/13/2008	17:39			08/18/2008
18	__	Air	SVE-Tot. Eff.-100		08/13/2008	17:47			08/18/2008
19	__	Air	SVE-4-1000		08/14/2008	08:12			08/18/2008
20	__	Air	SVE-8-1000		08/14/2008	08:20			08/18/2008
21	__	Air	SVE-1-1000		08/14/2008	08:25			08/18/2008
22	__	Air	SVE-7-1000		08/14/2008	08:29			08/18/2008
23	__	Air	SVE-3-1000		08/14/2008	08:35			08/18/2008
24	__	Air	SVE-11-1000		08/14/2008	08:40			08/18/2008
25	__	Air	SVE-10-1000		08/14/2008	08:47			08/18/2008
26	__	Air	SVE-Tot. Eff.-1000		08/14/2008	08:49			08/18/2008
27	__	Air	SVE-9-1000		08/14/2008	11:45			08/18/2008
101	__	Water	1235 South Marian		08/11/2008	18:00			08/15/2008
102	__	Water	2835 West Hwy 6		08/12/2008	09:35			08/15/2008
103	__	Water	2905 West Hwy 6		08/12/2008	09:55			08/15/2008
104	__	Water	2955 West Hwy 6		08/12/2008	10:15			08/15/2008
105	__	Water	1265 South Marion Road (Tap)		08/12/2008	10:34			08/15/2008
106	__	Water	1265 South Marion Road (Outside)		08/12/2008	10:40			08/15/2008
107	__	Water	1520 South Marion Road		08/12/2008	11:05			08/15/2008
108	__	Water	2560 South Baltimore Ave.		08/12/2008	11:35			08/15/2008
109	__	Water	2580 South Baltimore Ave.		08/12/2008	11:55			08/15/2008
110	__	Water	1790 South Baltimore Ave.		08/12/2008	12:15			08/15/2008
111	__	Water	1790 South Baltimore Ave.		08/12/2008	12:26			08/15/2008
112	__	Water	1220 South Showboat		08/12/2008	14:38			08/15/2008
113	__	Water	1655 East J Street		08/12/2008	15:10			08/15/2008
114	__	Water	1620 East Idlewilde		08/12/2008	15:50			08/15/2008
115	__	Water	1785 South Elm		08/12/2008	16:10			08/15/2008
116	__	Water	1785 South Elm		08/12/2008	16:15			08/15/2008
117	__	Water	3015 South Elm		08/12/2008	16:35			08/15/2008

US EPA ARCHIVE DOCUMENT

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
118	__	Water	2130 South Wabash		08/12/2008	18:15			08/15/2008
119	__	Water	2130 South Wabash		08/12/2008	18:25			08/15/2008
120	__	Water	1940 South Wabash		08/13/2008	08:55			08/15/2008
121	__	Water	2040 South Wabash		08/13/2008	09:05			08/15/2008
122	__	Water	2220 South Wabash		08/13/2008	09:22			08/15/2008
123	__	Water	1900 South Wabash		08/13/2008	09:35			08/15/2008
124	__	Water	2420 South Wabash		08/13/2008	11:00			08/15/2008
125	__	Water	2424 South Wabash		08/13/2008	11:10			08/15/2008
126	__	Water	2985 South Wabash		08/13/2008	11:40			08/15/2008
127	__	Water	3320 South Wabash		08/13/2008	11:55			08/15/2008
128	__	Water	1820 South Wabash		08/13/2008	12:15			08/15/2008
129	__	Water	1570 South Marion Road		08/13/2008	14:10			08/15/2008
130	__	Water	2530 South Baltimore		08/13/2008	14:44			08/15/2008
131	__	Water	2000 Summit Ave.		08/13/2008	15:20			08/15/2008
132	__	Water	2325 Showboat Blvd.		08/13/2008	16:30			08/15/2008
133	__	Water	1935 East Idlewilde		08/13/2008	16:50			08/15/2008
134	__	Water	2445 South Wabash		08/13/2008	17:05			08/15/2008
135	__	Water	2495 South Wabash		08/13/2008	17:20			08/15/2008
136	__	Water	2225 West Hwy 6		08/13/2008	17:55			08/15/2008
137	__	Water	1590 West Idlewilde		08/13/2008	18:28			08/15/2008
138	__	Water	2470 South Baltimore		08/13/2008	18:45			08/15/2008
139	__	Water	2510 South Baltimore		08/13/2008	19:00			08/15/2008
140	__	Water	1550 West Idlewilde		08/13/2008	19:15			08/15/2008
141	__	Water	SE NW Sec 24 (1506 South Burlington Ave.)		08/14/2008	08:50			08/15/2008
142	__	Water	1850 South Baltimore (Well #1)		08/14/2008	09:15			08/15/2008
143	__	Water	1850 South Baltimore (Well #1)		08/14/2008	09:20			08/15/2008
144	__	Water	1850 South Baltimore (Well #2)		08/14/2008	09:33			08/15/2008
145	__	Water	1850 South Baltimore (Well #2)		08/14/2008	09:40			08/15/2008
146	__	Water	2265 Showboat		08/14/2008	13:20			08/15/2008
147	__	Water	2155 Showboat		08/14/2008	13:40			08/15/2008
148	__	Water	2155 Showboat		08/14/2008	13:50			08/15/2008
175	FB	Water	Field Blank sample		08/15/2008	14:50			08/18/2008
176	FB	Water	Trip Blank sample		08/15/2008	14:55			08/18/2008
201	__	Water	MW-5B		08/15/2008	09:15			08/18/2008
202	__	Water	MW-5A		08/15/2008	09:55			08/18/2008
203	__	Water	MW-3E		08/15/2008	13:30			08/18/2008
204	__	Water	MW-3D		08/15/2008	14:05			08/18/2008
205	__	Water	MW-3B		08/15/2008	14:35			08/18/2008
206	__	Water	MW-3A		08/15/2008	15:15			08/18/2008
207	__	Water	RW-8		08/14/2008	14:05			08/18/2008
208	__	Water	RW-7		08/14/2008	14:15			08/18/2008
209	__	Water	RW-6		08/14/2008	14:20			08/18/2008
210	__	Water	RW-2		08/14/2008	14:35			08/18/2008
211	__	Water	Air Stripper Combined Influent		08/14/2008	17:00			08/18/2008

US EPA ARCHIVE DOCUMENT

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
			sample						
212	- __	Water	MW-4B		08/15/2008	16:05			08/18/2008
213	- __	Water	MW-4A		08/15/2008	16:50			08/18/2008
216	- FB	Water	Routine VOA Field Blank sample		08/15/2008	09:20			08/18/2008
217	- FB	Water	Routine VOA Trip Blank sample		08/15/2008	09:25			08/18/2008
301	- __	Water	MW-8C		08/11/2008	17:15			08/15/2008
302	- __	Water	MW-8A		08/11/2008	18:30			08/15/2008
303	- __	Water	MW-19C		08/12/2008	11:40			08/15/2008
304	- __	Water	MW-19A		08/12/2008	13:10			08/15/2008
305	- __	Water	MW-2A		08/12/2008	15:00			08/15/2008
306	- __	Water	MW-10B		08/12/2008	16:15			08/15/2008
307	- __	Water	MW-10A		08/12/2008	16:50			08/15/2008
308	- __	Water	MW-11A		08/12/2008	17:35			08/15/2008
309	- __	Water	MW-14A		08/12/2008	18:35			08/15/2008
310	- __	Water	MW-12C		08/12/2008	19:25			08/15/2008
311	- __	Water	MW-12A		08/12/2008	19:55			08/15/2008
312	- __	Water	MW-7B		08/13/2008	08:30			08/15/2008
313	- __	Water	MW-7A		08/13/2008	09:05			08/15/2008
314	- __	Water	MW-9A		08/13/2008	10:10			08/15/2008
315	- __	Water	MW-18D		08/13/2008	11:35			08/15/2008
316	- __	Water	MW-18C		08/13/2008	12:30			08/15/2008
317	- __	Water	MW-20C		08/13/2008	15:30			08/15/2008
318	- __	Water	MW-20D		08/13/2008	16:05			08/15/2008
319	- __	Water	MW-20E		08/13/2008	16:40			08/15/2008
320	- __	Water	MW-20A		08/13/2008	17:15			08/15/2008
321	- __	Water	MW-17D		08/13/2008	18:25			08/15/2008
322	- __	Water	MW-17C		08/13/2008	18:50			08/15/2008
323	- __	Water	MW-17A		08/13/2008	19:25			08/15/2008
324	- __	Water	MW-1A		08/14/2008	08:25			08/15/2008
325	- __	Water	MW-6E		08/14/2008	09:40			08/15/2008
326	- __	Water	MW-6D		08/14/2008	10:25			08/15/2008
327	- __	Water	MW-6A		08/14/2008	11:00			08/15/2008
328	- __	Water	MW-30C		08/14/2008	13:15			08/15/2008
329	- __	Water	MW-30D		08/14/2008	13:55			08/15/2008
330	- __	Water	MW-30E		08/14/2008	14:30			08/18/2008
331	- __	Water	MW-30A		08/14/2008	15:15			08/18/2008
332	- __	Water	MW-31C		08/14/2008	16:00			08/18/2008
333	- __	Water	MW-31A		08/14/2008	16:35			08/18/2008
334	- __	Water	Air Stripper Combined Effluent sample		08/14/2008	16:50			08/18/2008
335	- __	Water	MW-5D		08/15/2008	08:25			08/18/2008
336	- __	Water	MW-13E		08/15/2008	11:10			08/18/2008
337	- __	Water	MW-13C		08/15/2008	11:45			08/18/2008
338	- FB	Water	LDL VOA Field Blank sample		08/15/2008	08:55			08/18/2008
339	- FB	Water	LDL VOA Trip Blank sample		08/15/2008	08:00			08/18/2008

US EPA ARCHIVE DOCUMENT

Analysis	Comments About Results For This Analysis

1 VOCs in Air at Source Levels by GC/MS

Lab: REAP Contract Lab (Out-Source)

Method: Similar to EPA Region 7 SOP # 3230.4C as applied to source level samples (see comments)

Samples:

1-__	2-__	3-__	4-__	5-__	6-__	7-__
8-__	9-__	10-__	11-__	12-__	13-__	14-__
15-__	16-__	17-__	18-__	19-__	20-__	21-__
22-__	23-__	24-__	25-__	26-__	27-__	

Comments:

1 Conductivity by Field Measurement

Lab: (Field Measurement)

Method: Measurement of field parameter

Samples:

201-__	202-__	203-__	204-__	205-__	206-__	212-__
213-__	301-__	302-__	303-__	305-__	306-__	307-__
308-__	309-__	310-__	311-__	312-__	313-__	314-__
315-__	316-__	319-__	321-__	322-__	323-__	324-__
325-__	326-__	327-__	328-__	329-__	330-__	332-__
333-__	335-__	336-__	337-__			

Comments:
(N/A)

1 pH of Water by Field Measurement

Lab: (Field Measurement)

Method: Measurement of field parameter

Samples:

101-__	102-__	103-__	104-__	106-__	107-__	108-__
109-__	110-__	111-__	112-__	113-__	114-__	115-__
116-__	117-__	118-__	119-__	120-__	121-__	122-__
123-__	124-__	125-__	126-__	127-__	128-__	129-__
130-__	131-__	132-__	133-__	134-__	135-__	136-__
137-__	138-__	139-__	140-__	141-__	142-__	143-__
144-__	145-__	146-__	147-__	148-__	201-__	202-__
203-__	204-__	205-__	206-__	212-__	213-__	301-__
302-__	303-__	305-__	306-__	307-__	308-__	309-__
310-__	311-__	312-__	313-__	314-__	315-__	316-__
318-__	321-__	322-__	323-__	324-__	325-__	326-__
327-__	328-__	329-__	330-__	332-__	333-__	335-__
336-__	337-__					

Comments:

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Analysis	Comments About Results For This Analysis

(N/A)

1 Temperature of Water by Field Measurement

Lab: (Field Measurement)

Method: Measurement of field parameter

Samples:

101-__	102-__	103-__	104-__	106-__	107-__	108-__
109-__	110-__	111-__	112-__	113-__	114-__	115-__
116-__	117-__	118-__	119-__	120-__	121-__	122-__
123-__	124-__	125-__	126-__	127-__	128-__	129-__
130-__	131-__	132-__	133-__	134-__	135-__	136-__
137-__	138-__	139-__	140-__	141-__	142-__	143-__
144-__	145-__	146-__	147-__	148-__	201-__	202-__
203-__	204-__	205-__	206-__	212-__	213-__	301-__
302-__	303-__	305-__	306-__	307-__	308-__	309-__
310-__	311-__	312-__	313-__	314-__	315-__	316-__
318-__	319-__	321-__	322-__	323-__	324-__	325-__
326-__	327-__	328-__	329-__	330-__	332-__	333-__
335-__	336-__	337-__				

Comments:
(N/A)

1 Total Dissolved Oxygen in Water by Field Measurement

Lab: (Field Measurement)

Method: Measurement of field parameter

Samples:

201-__	202-__	203-__	204-__	205-__	206-__	212-__
213-__	301-__	303-__	305-__	306-__	307-__	308-__
309-__	310-__	311-__	312-__	313-__	314-__	315-__
316-__	321-__	322-__	323-__	324-__	325-__	326-__
327-__	328-__	329-__	332-__	335-__	336-__	337-__

Comments:
(N/A)

1 Turbidity of Water by Field Measurement

Lab: (Field Measurement)

Method: Measurement of field parameter

Samples:

201-__	202-__	204-__	205-__	206-__	212-__	301-__
302-__	303-__	305-__	306-__	307-__	308-__	309-__
310-__	311-__	312-__	313-__	314-__	315-__	316-__
318-__	319-__	321-__	322-__	323-__	324-__	325-__
326-__	327-__	328-__	329-__	330-__	335-__	336-__
337-__						

US EPA ARCHIVE DOCUMENT

Analysis Comments About Results For This Analysis

Comments:
(N/A)

1 VOCs in Water by GC/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:							
	201-__	202-__	203-__	204-__	205-__	206-__	207-__
	208-__	209-__	210-__	211-__	212-__	213-__	216-FB
	217-FB						

Comments:
The VOA vials were individually wrapped with an excessive amount of tape and could not be fit into the laboratory's autosampler and analyzed without first removing the excess tape. The extra tape actually increased the risk of mishandling the samples. For the future, the Project Manager and sample collectors are advised not to wrap the extra tape around the VOA vials.

Dilutions were necessary because of high levels of carbon tetrachloride in sample -205 for this analysis. This increased the reporting limits by a factor of 5 times for this sample.

1 VOCs in Water by GC/MS for Low Detection Limits

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples:							
	101-__	102-__	103-__	104-__	105-__	106-__	107-__
	108-__	109-__	110-__	111-__	112-__	113-__	114-__
	115-__	116-__	117-__	118-__	119-__	120-__	121-__
	122-__	123-__	124-__	125-__	126-__	127-__	128-__
	129-__	130-__	131-__	132-__	133-__	134-__	135-__
	136-__	137-__	138-__	139-__	140-__	141-__	142-__
	143-__	144-__	145-__	146-__	147-__	148-__	175-FB
	176-FB	301-__	302-__	303-__	304-__	305-__	306-__
	307-__	308-__	309-__	310-__	311-__	312-__	313-__
	314-__	315-__	316-__	317-__	318-__	319-__	320-__
	321-__	322-__	323-__	324-__	325-__	326-__	327-__
	328-__	329-__	330-__	331-__	332-__	333-__	334-__
	335-__	336-__	337-__	338-FB	339-FB		

Comments:
The VOA vials were individually wrapped with an excessive amount of tape and could not be fit into the laboratory's autosampler and analyzed without first removing the excess tape. The extra tape actually increased the risk of mishandling the samples. For the future, the Project Manager and sample collectors are advised not to wrap the extra tape around the VOA vials.

Low recovery was reported for vinyl chloride-d3 (control limits = 65% - 131%) in sample -

US EPA ARCHIVE DOCUMENT

Analysis Comments About Results For This Analysis

136 (9%). A surrogate compound in sample -136 had unacceptable response indicating that is was not possible to obtain valid results for vinyl chloride. A results of 'N/A' was reported with an R-code for this analyte.

Low recovery was reported for vinyl chloride-d3 (control limits = 65% - 131%) in samples -141 (22%), -142 (23%) and -304 (22%). Vinyl chloride was UJ-coded in samples -141, -142 and -304. This analyte was not found in the samples at or above the reporting limit; however, the reporting limit is an estimate (UJ-coded) due to low recovery of the surrogate analyte. The actual reporting limit for this analyte may be higher than the reported value.

Low recovery was reported for 1,2-dichlorobenzene-d4 (control limits = 80% - 131%) in samples -101 (78%), -106 (79%), -108 (80%), -110 (76%), -111 (78%), -114 (78%), -116 (76%), -117 (79%), -118 (79%), -119 (80%), -121 (78%), -125 (79%), -127 (78%), -130 (79%), -131 (79%), -132 (79%), -133 (79%), -136 (76%), -138 (80%), -142 (76%), -148 (79%), -305 (78%), -306 (78%), -308 (80%), -309 (78%), -311 (80%), -312 (75%), -326 (80%), -333 (78%), -334 (78%) and -338FB (80%). Chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene were UJ-coded in samples -101, -106, -108, -110, -111, -114, -116, -117, -118, -119. -121, -125, -127, -130, -131, -132, -133, -136, -138,-142, -148, -305, -306, -308, -309, -311, -312, -326, -333, -334 and -338FB. These analytes were not found in the samples at or above the reporting limits; however, the reporting limits are an estimate (UJ-coded) due to low recovery of the surrogate analyte. The actual reporting limits for these analytes may be higher than the reported values.

High recovery was reported for chloroform-d (control limits = 78% - 121%) in samples -329 (190%), -329DL (dilution of -329DL - 152%), -330 (129%) and -330DL (dilution of -330 - 141%). Chloroform was J-coded in samples -329 and -330 (the diluted results for chloroform were reported for these samples). Although the analyte in question has been positively identified in the sample, the quantitation is an estimate (J-coded) due to high recovery of a surrogate analyte in these samples. The actual concentration for this analyte may be lower than the reported values.

Slight methylene chloride contamination was found in the laboratory method blanks at levels above the CRQL. Only samples containing these analytes at levels greater than ten times the contamination level of the blank are reported without being qualified. Methylene chloride was U-coded in sample -329.

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	37.4	23.8 U	43.5	95.2 U
Benzene	ug/m3	32 U	32 U	32 U	128 U
Bromodichloromethane	ug/m3	67 U	67 U	67 U	268 U
Bromoform	ug/m3	103 U	103 U	103 U	414 U
Bromomethane	ug/m3	38.8 U	38.8 U	38.8 U	155 U
2-Butanone	ug/m3	29.4 U	29.4 U	29.4 U	118 U
Carbon Disulfide	ug/m3	31.2 U	31.2 U	31.2 U	125 U
Carbon Tetrachloride	ug/m3	2130	3430	1980	150000
Chlorobenzene	ug/m3	46 U	46 U	46 U	184 U
Chloroethane	ug/m3	26.4 U	26.4 U	26.4 U	106 U
Chloroform	ug/m3	48.8 U	48.8 U	48.8 U	378
Chloromethane	ug/m3	20.6 U	20.6 U	20.6 U	82.4 U
Dibromochloromethane	ug/m3	85.2 U	85.2 U	85.2 U	341 U
1,2-Dibromoethane	ug/m3	76.8 U	76.8 U	76.8 U	307 U
1,2-Dichlorobenzene	ug/m3	60 U	60 U	60 U	240 U
1,3-Dichlorobenzene	ug/m3	60 U	60 U	60 U	240 U
1,1-Dichloroethane	ug/m3	40.4 U	40.4 U	40.4 U	162 U
1,2-Dichloroethane	ug/m3	40.4 U	40.4 U	40.4 U	162 U
1,1-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
cis-1,2-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
trans-1,2-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
1,2-Dichloropropane	ug/m3	46.2 U	46.2 U	46.2 U	185 U
cis-1,3-Dichloropropene	ug/m3	45.4 U	45.4 U	45.4 U	182 U
trans-1,3-Dichloropropene	ug/m3	45.4 U	45.4 U	45.4 U	182 U
Ethyl Benzene	ug/m3	43.4 U	43.4 U	43.4 U	174 U
Heptane	ug/m3	41 U	41 U	41 U	164 U
Hexachlorobutadiene	ug/m3	107 U	107 U	107 U	426 U
Hexane	ug/m3	35.2 U	35.2 U	35.2 U	141 U
2-Hexanone	ug/m3	41 U	41 U	41 U	164 U
Isopropylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
Methylene Chloride	ug/m3	34.8 U	34.8 U	34.8 U	139 U
4-Methyl-2-Pentanone	ug/m3	41 U	41 U	41 U	164 U
Naphthalene	ug/m3	52.4 U	52.4 U	52.4 U	210 U
Styrene	ug/m3	42.6 U	42.6 U	42.6 U	170 U
1,1,2,2-Tetrachloroethane	ug/m3	68.6 U	68.6 U	68.6 U	274 U
Tetrachloroethene	ug/m3	67.8 U	67.8 U	67.8 U	271 U
Toluene	ug/m3	37.6 U	37.6 U	37.6 U	150 U
1,2,4-Trichlorobenzene	ug/m3	74.2 U	74.2 U	74.2 U	297 U
1,1,1-Trichloroethane	ug/m3	54.6 U	54.6 U	54.6 U	218 U
1,1,2-Trichloroethane	ug/m3	54.6 U	54.6 U	54.6 U	218 U
Trichloroethene	ug/m3	53.8 U	53.8 U	53.8 U	215 U
1,1,2-Trichlorotrifluoroethane	ug/m3	76.6 U	76.6 U	76.6 U	306 U
1,2,4-Trimethylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
1,3,5-Trimethylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
Vinyl Chloride	ug/m3	25.6 U	25.6 U	25.6 U	102 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
m and/or p-Xylene	ug/m3	86.8 U	86.8 U	86.8 U	347 U
o-Xylene	ug/m3	43.4 U	43.4 U	43.4 U	174 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	44.1	44.4	56.7	95.2 U
Benzene	ug/m3	32 U	32 U	32 U	128 U
Bromodichloromethane	ug/m3	67 U	67 U	67 U	268 U
Bromoform	ug/m3	103 U	103 U	103 U	414 U
Bromomethane	ug/m3	38.8 U	38.8 U	38.8 U	155 U
2-Butanone	ug/m3	29.4 U	29.4 U	29.4 U	118 U
Carbon Disulfide	ug/m3	31.2 U	31.2 U	31.2 U	125 U
Carbon Tetrachloride	ug/m3	1870	8460	529	9020
Chlorobenzene	ug/m3	46 U	46 U	46 U	184 U
Chloroethane	ug/m3	26.4 U	26.4 U	26.4 U	106 U
Chloroform	ug/m3	48.8 U	48.8 U	48.8 U	195 U
Chloromethane	ug/m3	20.6 U	20.6 U	20.6 U	82.4 U
Dibromochloromethane	ug/m3	85.2 U	85.2 U	85.2 U	341 U
1,2-Dibromoethane	ug/m3	76.8 U	76.8 U	76.8 U	307 U
1,2-Dichlorobenzene	ug/m3	60 U	60 U	60 U	240 U
1,3-Dichlorobenzene	ug/m3	60 U	60 U	60 U	240 U
1,1-Dichloroethane	ug/m3	40.4 U	40.4 U	40.4 U	162 U
1,2-Dichloroethane	ug/m3	40.4 U	40.4 U	40.4 U	162 U
1,1-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
cis-1,2-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
trans-1,2-Dichloroethene	ug/m3	39.6 U	39.6 U	39.6 U	158 U
1,2-Dichloropropane	ug/m3	46.2 U	46.2 U	46.2 U	185 U
cis-1,3-Dichloropropene	ug/m3	45.4 U	45.4 U	45.4 U	182 U
trans-1,3-Dichloropropene	ug/m3	45.4 U	45.4 U	45.4 U	182 U
Ethyl Benzene	ug/m3	43.4 U	43.4 U	43.4 U	174 U
Heptane	ug/m3	41 U	41 U	41 U	164 U
Hexachlorobutadiene	ug/m3	107 U	107 U	107 U	426 U
Hexane	ug/m3	35.2 U	35.2 U	35.2 U	141 U
2-Hexanone	ug/m3	41 U	41 U	41 U	164 U
Isopropylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
Methylene Chloride	ug/m3	34.8 U	34.8 U	34.8 U	139 U
4-Methyl-2-Pentanone	ug/m3	41 U	41 U	41 U	164 U
Naphthalene	ug/m3	52.4 U	52.4 U	52.4 U	210 U
Styrene	ug/m3	42.6 U	42.6 U	42.6 U	170 U
1,1,2,2-Tetrachloroethane	ug/m3	68.6 U	68.6 U	68.6 U	274 U
Tetrachloroethene	ug/m3	67.8 U	67.8 U	67.8 U	271 U
Toluene	ug/m3	37.6 U	37.6 U	37.6 U	150 U
1,2,4-Trichlorobenzene	ug/m3	74.2 U	74.2 U	74.2 U	297 U
1,1,1-Trichloroethane	ug/m3	54.6 U	54.6 U	54.6 U	218 U
1,1,2-Trichloroethane	ug/m3	54.6 U	54.6 U	54.6 U	218 U
Trichloroethene	ug/m3	53.8 U	53.8 U	53.8 U	215 U
1,1,2-Trichlorotrifluoroethane	ug/m3	76.6 U	76.6 U	76.6 U	306 U
1,2,4-Trimethylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
1,3,5-Trimethylbenzene	ug/m3	49.2 U	49.2 U	49.2 U	197 U
Vinyl Chloride	ug/m3	25.6 U	25.6 U	25.6 U	102 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
m and/or p-Xylene	ug/m3	86.8 U	86.8 U	86.8 U	347 U
o-Xylene	ug/m3	43.4 U	43.4 U	43.4 U	174 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	95.2 U	117	69.5	36.1
Benzene	ug/m3	128 U	128 U	32 U	32 U
Bromodichloromethane	ug/m3	268 U	268 U	67 U	67 U
Bromoform	ug/m3	414 U	414 U	103 U	103 U
Bromomethane	ug/m3	155 U	155 U	38.8 U	38.8 U
2-Butanone	ug/m3	118 U	118 U	29.4 U	29.4 U
Carbon Disulfide	ug/m3	125 U	125 U	31.2 U	31.2 U
Carbon Tetrachloride	ug/m3	14500	8240	2470	1650
Chlorobenzene	ug/m3	184 U	184 U	46 U	46 U
Chloroethane	ug/m3	106 U	106 U	26.4 U	26.4 U
Chloroform	ug/m3	195 U	195 U	121	48.8 U
Chloromethane	ug/m3	82.4 U	82.4 U	20.6 U	20.6 U
Dibromochloromethane	ug/m3	341 U	341 U	85.2 U	85.2 U
1,2-Dibromoethane	ug/m3	307 U	307 U	76.8 U	76.8 U
1,2-Dichlorobenzene	ug/m3	240 U	240 U	60 U	60 U
1,3-Dichlorobenzene	ug/m3	240 U	240 U	60 U	60 U
1,1-Dichloroethane	ug/m3	162 U	162 U	40.4 U	40.4 U
1,2-Dichloroethane	ug/m3	162 U	162 U	40.4 U	40.4 U
1,1-Dichloroethene	ug/m3	158 U	158 U	39.6 U	39.6 U
cis-1,2-Dichloroethene	ug/m3	158 U	158 U	39.6 U	39.6 U
trans-1,2-Dichloroethene	ug/m3	158 U	158 U	39.6 U	39.6 U
1,2-Dichloropropane	ug/m3	185 U	185 U	46.2 U	46.2 U
cis-1,3-Dichloropropene	ug/m3	182 U	182 U	45.4 U	45.4 U
trans-1,3-Dichloropropene	ug/m3	182 U	182 U	45.4 U	45.4 U
Ethyl Benzene	ug/m3	174 U	174 U	43.4 U	43.4 U
Heptane	ug/m3	164 U	164 U	41 U	41 U
Hexachlorobutadiene	ug/m3	426 U	426 U	107 U	107 U
Hexane	ug/m3	141 U	141 U	35.2 U	35.2 U
2-Hexanone	ug/m3	164 U	164 U	41 U	41 U
Isopropylbenzene	ug/m3	197 U	197 U	49.2 U	49.2 U
Methylene Chloride	ug/m3	139 U	139 U	34.8 U	34.8 U
4-Methyl-2-Pentanone	ug/m3	164 U	164 U	41 U	41 U
Naphthalene	ug/m3	210 U	210 U	52.4 U	52.4 U
Styrene	ug/m3	170 U	170 U	42.6 U	42.6 U
1,1,2,2-Tetrachloroethane	ug/m3	274 U	274 U	68.6 U	68.6 U
Tetrachloroethene	ug/m3	271 U	271 U	67.8 U	67.8 U
Toluene	ug/m3	150 U	150 U	88.1	37.6 U
1,2,4-Trichlorobenzene	ug/m3	297 U	297 U	74.2 U	74.2 U
1,1,1-Trichloroethane	ug/m3	218 U	218 U	54.6 U	54.6 U
1,1,2-Trichloroethane	ug/m3	218 U	218 U	54.6 U	54.6 U
Trichloroethene	ug/m3	215 U	215 U	53.8 U	53.8 U
1,1,2-Trichlorotrifluoroethane	ug/m3	306 U	306 U	76.6 U	76.6 U
1,2,4-Trimethylbenzene	ug/m3	197 U	197 U	49.2 U	49.2 U
1,3,5-Trimethylbenzene	ug/m3	197 U	197 U	49.2 U	49.2 U
Vinyl Chloride	ug/m3	102 U	102 U	25.6 U	25.6 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
m and/or p-Xylene	ug/m3	347 U	347 U	86.8 U	86.8 U
o-Xylene	ug/m3	174 U	174 U	70.8	43.4 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	95.2 U	42.5	95.2 U	66.7
Benzene	ug/m3	128 U	32 U	128 U	32 U
Bromodichloromethane	ug/m3	268 U	67 U	268 U	67 U
Bromoform	ug/m3	414 U	103 U	414 U	103 U
Bromomethane	ug/m3	155 U	38.8 U	155 U	38.8 U
2-Butanone	ug/m3	118 U	29.4 U	118 U	29.4 U
Carbon Disulfide	ug/m3	125 U	31.2 U	125 U	31.2 U
Carbon Tetrachloride	ug/m3	247000	4730	13200	1080
Chlorobenzene	ug/m3	184 U	46 U	184 U	46 U
Chloroethane	ug/m3	106 U	26.4 U	106 U	26.4 U
Chloroform	ug/m3	718	71.3	195 U	48.8 U
Chloromethane	ug/m3	82.4 U	20.6 U	82.4 U	20.6 U
Dibromochloromethane	ug/m3	341 U	85.2 U	341 U	85.2 U
1,2-Dibromoethane	ug/m3	307 U	76.8 U	307 U	76.8 U
1,2-Dichlorobenzene	ug/m3	240 U	60 U	240 U	60 U
1,3-Dichlorobenzene	ug/m3	240 U	60 U	240 U	60 U
1,1-Dichloroethane	ug/m3	162 U	40.4 U	162 U	40.4 U
1,2-Dichloroethane	ug/m3	162 U	40.4 U	162 U	40.4 U
1,1-Dichloroethene	ug/m3	158 U	39.6 U	158 U	39.6 U
cis-1,2-Dichloroethene	ug/m3	158 U	39.6 U	158 U	39.6 U
trans-1,2-Dichloroethene	ug/m3	158 U	39.6 U	158 U	39.6 U
1,2-Dichloropropane	ug/m3	185 U	46.2 U	185 U	46.2 U
cis-1,3-Dichloropropene	ug/m3	182 U	45.4 U	182 U	45.4 U
trans-1,3-Dichloropropene	ug/m3	182 U	45.4 U	182 U	45.4 U
Ethyl Benzene	ug/m3	174 U	43.4 U	174 U	43.4 U
Heptane	ug/m3	164 U	41 U	164 U	41 U
Hexachlorobutadiene	ug/m3	426 U	107 U	426 U	107 U
Hexane	ug/m3	141 U	35.2 U	141 U	35.2 U
2-Hexanone	ug/m3	164 U	41 U	164 U	41 U
Isopropylbenzene	ug/m3	197 U	49.2 U	197 U	49.2 U
Methylene Chloride	ug/m3	139 U	34.8 U	139 U	34.8 U
4-Methyl-2-Pentanone	ug/m3	164 U	41 U	164 U	41 U
Naphthalene	ug/m3	210 U	52.4 U	210 U	52.4 U
Styrene	ug/m3	170 U	42.6 U	170 U	42.6 U
1,1,2,2-Tetrachloroethane	ug/m3	274 U	68.6 U	274 U	68.6 U
Tetrachloroethene	ug/m3	297	67.8 U	271 U	67.8 U
Toluene	ug/m3	150 U	37.6 U	150 U	37.6 U
1,2,4-Trichlorobenzene	ug/m3	297 U	74.2 U	297 U	74.2 U
1,1,1-Trichloroethane	ug/m3	218 U	54.6 U	218 U	54.6 U
1,1,2-Trichloroethane	ug/m3	218 U	54.6 U	218 U	54.6 U
Trichloroethene	ug/m3	215 U	53.8 U	215 U	53.8 U
1,1,2-Trichlorotrifluoroethane	ug/m3	306 U	76.6 U	306 U	76.6 U
1,2,4-Trimethylbenzene	ug/m3	197 U	49.2 U	197 U	49.2 U
1,3,5-Trimethylbenzene	ug/m3	197 U	49.2 U	197 U	49.2 U
Vinyl Chloride	ug/m3	102 U	25.6 U	102 U	25.6 U

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Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
m and/or p-Xylene	ug/m3	347 U	86.8 U	347 U	86.8 U
o-Xylene	ug/m3	174 U	43.4 U	174 U	43.4 U

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Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	95.2 U	95.2 U	152	95.2 U
Benzene	ug/m3	128 U	128 U	128 U	128 U
Bromodichloromethane	ug/m3	268 U	268 U	268 U	268 U
Bromoform	ug/m3	414 U	414 U	414 U	414 U
Bromomethane	ug/m3	155 U	155 U	155 U	155 U
2-Butanone	ug/m3	118 U	118 U	118 U	118 U
Carbon Disulfide	ug/m3	125 U	125 U	125 U	125 U
Carbon Tetrachloride	ug/m3	13700	16900	7970	6530
Chlorobenzene	ug/m3	184 U	184 U	184 U	184 U
Chloroethane	ug/m3	106 U	106 U	106 U	106 U
Chloroform	ug/m3	257	195 U	195 U	195 U
Chloromethane	ug/m3	82.4 U	82.4 U	82.4 U	82.4 U
Dibromochloromethane	ug/m3	341 U	341 U	341 U	341 U
1,2-Dibromoethane	ug/m3	307 U	307 U	307 U	307 U
1,2-Dichlorobenzene	ug/m3	240 U	240 U	240 U	240 U
1,3-Dichlorobenzene	ug/m3	240 U	240 U	240 U	240 U
1,1-Dichloroethane	ug/m3	162 U	162 U	162 U	162 U
1,2-Dichloroethane	ug/m3	162 U	162 U	162 U	162 U
1,1-Dichloroethene	ug/m3	158 U	158 U	158 U	158 U
cis-1,2-Dichloroethene	ug/m3	158 U	158 U	158 U	158 U
trans-1,2-Dichloroethene	ug/m3	158 U	158 U	158 U	158 U
1,2-Dichloropropane	ug/m3	185 U	185 U	185 U	185 U
cis-1,3-Dichloropropene	ug/m3	182 U	182 U	182 U	182 U
trans-1,3-Dichloropropene	ug/m3	182 U	182 U	182 U	182 U
Ethyl Benzene	ug/m3	174 U	174 U	174 U	174 U
Heptane	ug/m3	164 U	164 U	164 U	164 U
Hexachlorobutadiene	ug/m3	426 U	426 U	426 U	426 U
Hexane	ug/m3	141 U	141 U	141 U	141 U
2-Hexanone	ug/m3	164 U	164 U	164 U	164 U
Isopropylbenzene	ug/m3	197 U	197 U	197 U	197 U
Methylene Chloride	ug/m3	139 U	139 U	139 U	139 U
4-Methyl-2-Pentanone	ug/m3	164 U	164 U	164 U	164 U
Naphthalene	ug/m3	210 U	210 U	210 U	210 U
Styrene	ug/m3	170 U	170 U	170 U	170 U
1,1,2,2-Tetrachloroethane	ug/m3	274 U	274 U	274 U	274 U
Tetrachloroethene	ug/m3	271 U	271 U	271 U	271 U
Toluene	ug/m3	150 U	150 U	150 U	150 U
1,2,4-Trichlorobenzene	ug/m3	297 U	297 U	297 U	297 U
1,1,1-Trichloroethane	ug/m3	218 U	218 U	218 U	218 U
1,1,2-Trichloroethane	ug/m3	218 U	218 U	218 U	218 U
Trichloroethene	ug/m3	215 U	215 U	215 U	215 U
1,1,2-Trichlorotrifluoroethane	ug/m3	306 U	306 U	306 U	306 U
1,2,4-Trimethylbenzene	ug/m3	197 U	197 U	197 U	197 U
1,3,5-Trimethylbenzene	ug/m3	197 U	197 U	197 U	197 U
Vinyl Chloride	ug/m3	102 U	102 U	102 U	102 U

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Analysis/ Analyte	Units	17-__	18-__	19-__	20-__
m and/or p-Xylene	ug/m3	347 U	347 U	347 U	347 U
o-Xylene	ug/m3	174 U	174 U	174 U	174 U

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Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	46.1	95.2 U	42.6	95.2 U
Benzene	ug/m3	32 U	128 U	32 U	128 U
Bromodichloromethane	ug/m3	67 U	268 U	67 U	268 U
Bromoform	ug/m3	103 U	414 U	103 U	414 U
Bromomethane	ug/m3	38.8 U	155 U	38.8 U	155 U
2-Butanone	ug/m3	29.4 U	118 U	29.4 U	118 U
Carbon Disulfide	ug/m3	31.2 U	125 U	31.2 U	125 U
Carbon Tetrachloride	ug/m3	1030	356000	2790	17800
Chlorobenzene	ug/m3	46 U	184 U	46 U	184 U
Chloroethane	ug/m3	26.4 U	106 U	26.4 U	106 U
Chloroform	ug/m3	48.8 U	845	57.6	195 U
Chloromethane	ug/m3	20.6 U	82.4 U	20.6 U	82.4 U
Dibromochloromethane	ug/m3	85.2 U	341 U	85.2 U	341 U
1,2-Dibromoethane	ug/m3	76.8 U	307 U	76.8 U	307 U
1,2-Dichlorobenzene	ug/m3	60 U	240 U	60 U	240 U
1,3-Dichlorobenzene	ug/m3	60 U	240 U	60 U	240 U
1,1-Dichloroethane	ug/m3	40.4 U	162 U	40.4 U	162 U
1,2-Dichloroethane	ug/m3	40.4 U	162 U	40.4 U	162 U
1,1-Dichloroethene	ug/m3	39.6 U	158 U	39.6 U	158 U
cis-1,2-Dichloroethene	ug/m3	39.6 U	158 U	39.6 U	158 U
trans-1,2-Dichloroethene	ug/m3	39.6 U	158 U	39.6 U	158 U
1,2-Dichloropropane	ug/m3	46.2 U	185 U	46.2 U	185 U
cis-1,3-Dichloropropene	ug/m3	45.4 U	182 U	45.4 U	182 U
trans-1,3-Dichloropropene	ug/m3	45.4 U	182 U	45.4 U	182 U
Ethyl Benzene	ug/m3	43.4 U	174 U	43.4 U	174 U
Heptane	ug/m3	41 U	164 U	41 U	164 U
Hexachlorobutadiene	ug/m3	107 U	426 U	107 U	426 U
Hexane	ug/m3	35.2 U	141 U	35.2 U	141 U
2-Hexanone	ug/m3	41 U	164 U	41 U	164 U
Isopropylbenzene	ug/m3	49.2 U	197 U	49.2 U	197 U
Methylene Chloride	ug/m3	34.8 U	139 U	34.8 U	139 U
4-Methyl-2-Pentanone	ug/m3	41 U	164 U	41 U	164 U
Naphthalene	ug/m3	52.4 U	210 U	52.4 U	210 U
Styrene	ug/m3	42.6 U	170 U	42.6 U	170 U
1,1,2,2-Tetrachloroethane	ug/m3	68.6 U	274 U	68.6 U	274 U
Tetrachloroethene	ug/m3	67.8 U	777	67.8 U	271 U
Toluene	ug/m3	37.6 U	150 U	37.6 U	150 U
1,2,4-Trichlorobenzene	ug/m3	74.2 U	297 U	74.2 U	297 U
1,1,1-Trichloroethane	ug/m3	54.6 U	218 U	54.6 U	218 U
1,1,2-Trichloroethane	ug/m3	54.6 U	218 U	54.6 U	218 U
Trichloroethene	ug/m3	53.8 U	215 U	53.8 U	215 U
1,1,2-Trichlorotrifluoroethane	ug/m3	76.6 U	306 U	76.6 U	306 U
1,2,4-Trimethylbenzene	ug/m3	49.2 U	197 U	49.2 U	197 U
1,3,5-Trimethylbenzene	ug/m3	49.2 U	197 U	49.2 U	197 U
Vinyl Chloride	ug/m3	25.6 U	102 U	25.6 U	102 U

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Analysis/ Analyte	Units	21-__	22-__	23-__	24-__
m and/or p-Xylene	ug/m3	86.8 U	347 U	86.8 U	347 U
o-Xylene	ug/m3	43.4 U	174 U	43.4 U	174 U

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Analysis/ Analyte	Units	25-__	26-__	27-__	101-__
1 VOCs in Air at Source Levels by GC/MS					
Acetone	ug/m3	51	95.2 U	95.2 U	
Benzene	ug/m3	32 U	128 U	128 U	
Bromodichloromethane	ug/m3	67 U	268 U	268 U	
Bromoform	ug/m3	103 U	414 U	414 U	
Bromomethane	ug/m3	38.8 U	155 U	155 U	
2-Butanone	ug/m3	29.4 U	118 U	118 U	
Carbon Disulfide	ug/m3	31.2 U	125 U	125 U	
Carbon Tetrachloride	ug/m3	1030	20100	26400	
Chlorobenzene	ug/m3	46 U	184 U	184 U	
Chloroethane	ug/m3	26.4 U	106 U	106 U	
Chloroform	ug/m3	48.8 U	195 U	195 U	
Chloromethane	ug/m3	20.6 U	82.4 U	82.4 U	
Dibromochloromethane	ug/m3	85.2 U	341 U	341 U	
1,2-Dibromoethane	ug/m3	76.8 U	307 U	307 U	
1,2-Dichlorobenzene	ug/m3	60 U	240 U	240 U	
1,3-Dichlorobenzene	ug/m3	60 U	240 U	240 U	
1,1-Dichloroethane	ug/m3	40.4 U	162 U	162 U	
1,2-Dichloroethane	ug/m3	40.4 U	162 U	162 U	
1,1-Dichloroethene	ug/m3	39.6 U	158 U	158 U	
cis-1,2-Dichloroethene	ug/m3	39.6 U	158 U	158 U	
trans-1,2-Dichloroethene	ug/m3	39.6 U	158 U	158 U	
1,2-Dichloropropane	ug/m3	46.2 U	185 U	185 U	
cis-1,3-Dichloropropene	ug/m3	45.4 U	182 U	182 U	
trans-1,3-Dichloropropene	ug/m3	45.4 U	182 U	182 U	
Ethyl Benzene	ug/m3	43.4 U	174 U	174 U	
Heptane	ug/m3	41 U	164 U	164 U	
Hexachlorobutadiene	ug/m3	107 U	426 U	426 U	
Hexane	ug/m3	35.2 U	141 U	141 U	
2-Hexanone	ug/m3	41 U	164 U	164 U	
Isopropylbenzene	ug/m3	49.2 U	197 U	197 U	
Methylene Chloride	ug/m3	34.8 U	139 U	139 U	
4-Methyl-2-Pentanone	ug/m3	41 U	164 U	164 U	
Naphthalene	ug/m3	52.4 U	210 U	210 U	
Styrene	ug/m3	42.6 U	170 U	170 U	
1,1,2,2-Tetrachloroethane	ug/m3	68.6 U	274 U	274 U	
Tetrachloroethene	ug/m3	67.8 U	271 U	271 U	
Toluene	ug/m3	37.6 U	150 U	150 U	
1,2,4-Trichlorobenzene	ug/m3	74.2 U	297 U	297 U	
1,1,1-Trichloroethane	ug/m3	54.6 U	218 U	218 U	
1,1,2-Trichloroethane	ug/m3	54.6 U	218 U	218 U	
Trichloroethene	ug/m3	53.8 U	215 U	215 U	
1,1,2-Trichlorotrifluoroethane	ug/m3	76.6 U	306 U	306 U	
1,2,4-Trimethylbenzene	ug/m3	49.2 U	197 U	197 U	
1,3,5-Trimethylbenzene	ug/m3	49.2 U	197 U	197 U	
Vinyl Chloride	ug/m3	25.6 U	102 U	102 U	

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Analysis/ Analyte	Units	25-__	26-__	27-__	101-__
m and/or p-Xylene	ug/m3	86.8 U	347 U	347 U	
o-Xylene	ug/m3	43.4 U	174 U	174 U	
1 pH of Water by Field Measurement					
pH	SU				7.75
1 Temperature of Water by Field Measurement					
Temperature	Deg C				14.6
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L				5.0 U
Benzene	ug/L				0.50 U
Bromochloromethane	ug/L				0.50 U
Bromodichloromethane	ug/L				0.50 U
Bromoform	ug/L				0.50 U
Bromomethane	ug/L				0.50 U
2-Butanone	ug/L				5.0 U
Carbon Disulfide	ug/L				0.50 U
Carbon Tetrachloride	ug/L				0.50 U
Chlorobenzene	ug/L				0.50 UJ
Chloroethane	ug/L				0.50 U
Chloroform	ug/L				0.50 U
Chloromethane	ug/L				0.50 U
Cyclohexane	ug/L				0.50 U
1,2-Dibromo-3-Chloropropane	ug/L				0.50 U
Dibromochloromethane	ug/L				0.50 U
1,2-Dibromoethane	ug/L				0.50 U
1,2-Dichlorobenzene	ug/L				0.50 UJ
1,3-Dichlorobenzene	ug/L				0.50 UJ
1,4-Dichlorobenzene	ug/L				0.50 UJ
Dichlorodifluoromethane	ug/L				0.50 U
1,1-Dichloroethane	ug/L				0.50 U
1,2-Dichloroethane	ug/L				0.50 U
1,1-Dichloroethene	ug/L				0.50 U
cis-1,2-Dichloroethene	ug/L				0.50 U
trans-1,2-Dichloroethene	ug/L				0.50 U
1,2-Dichloropropane	ug/L				0.50 U
cis-1,3-Dichloropropene	ug/L				0.50 U
trans-1,3-Dichloropropene	ug/L				0.50 U
Ethyl Benzene	ug/L				0.50 U
2-Hexanone	ug/L				5.0 U
Isopropylbenzene	ug/L				0.50 U
Methyl Acetate	ug/L				0.50 U
Methyl tert-butyl ether	ug/L				0.50 U
Methylcyclohexane	ug/L				0.50 U
Methylene Chloride	ug/L				0.50 U
4-Methyl-2-Pentanone	ug/L				5.0 U
Styrene	ug/L				0.50 U

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Analysis/ Analyte	Units	25-__	26-__	27-__	101-__
1,1,2,2-Tetrachloroethane	ug/L				0.50 U
Tetrachloroethene	ug/L				0.50 U
Toluene	ug/L				0.50 U
1,2,3-Trichlorobenzene	ug/L				0.50 UJ
1,2,4-Trichlorobenzene	ug/L				0.50 UJ
1,1,1-Trichloroethane	ug/L				0.50 U
1,1,2-Trichloroethane	ug/L				0.50 U
Trichloroethene	ug/L				0.50 U
Trichlorofluoromethane	ug/L				0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L				0.50 U
Vinyl Chloride	ug/L				0.50 U
m and/or p-Xylene	ug/L				0.50 U
o-Xylene	ug/L				0.50 U

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Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
1 pH of Water by Field Measurement					
pH	SU	7.43	7.11	7.05	
1 Temperature of Water by Field Measurement					
Temperature	Deg C	16.5	16.2	15.4	
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
1 pH of Water by Field Measurement					
pH	SU	7.34	7.14	7.15	6.99
1 Temperature of Water by Field Measurement					
Temperature	Deg C	20.5	14.7	14.7	14.8
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
1 pH of Water by Field Measurement					
pH	SU	6.98	7.32	6.91	7.12
1 Temperature of Water by Field Measurement					
Temperature	Deg C	15.8	14.7	17.4	22.06
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	2.3	0.50 U	13	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
1 pH of Water by Field Measurement					
pH	SU	6.91	6.82	6.38	6.98
1 Temperature of Water by Field Measurement					
Temperature	Deg C	18.3	18.3	25.2	15.7
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.96	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
1 pH of Water by Field Measurement					
pH	SU	6.99	6.98	7.08	7.04
1 Temperature of Water by Field Measurement					
Temperature	Deg C	16.3	15.6	19.2	15.2
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	54	120	86
Chlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.62
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	122-__	123-__	124-__	125-__
1 pH of Water by Field Measurement					
pH	SU	6.96	7.31	7.05	6.66
1 Temperature of Water by Field Measurement					
Temperature	Deg C	15.1	14.2	16.2	19.7
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	8.9	6.9	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	122-__	123-__	124-__	125-__
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	126-__	127-__	128-__	129-__
1 pH of Water by Field Measurement					
pH	SU	7.07	6.82	6.68	7.41
1 Temperature of Water by Field Measurement					
Temperature	Deg C	17.1	14.9	13.7	14.9
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	19	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.53	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	126-__	127-__	128-__	129-__
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	130-__	131-__	132-__	133-__
1 pH of Water by Field Measurement					
pH	SU	6.80	7.41	6.67	6.63
1 Temperature of Water by Field Measurement					
Temperature	Deg C	18.7	20.1	14.0	19.4
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	5.6	2.6
Chlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	130-__	131-__	132-__	133-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	134-__	135-__	136-__	137-__
1 pH of Water by Field Measurement					
pH	SU	6.62	6.51	7.10	6.93
1 Temperature of Water by Field Measurement					
Temperature	Deg C	20.5	13.5	14.7	15.6
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	7.6	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	134-__	135-__	136-__	137-__
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	N/A R	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	138-__	139-__	140-__	141-__
1 pH of Water by Field Measurement					
pH	SU	7.01	6.62	7.09	6.85
1 Temperature of Water by Field Measurement					
Temperature	Deg C	16.3	14.2	14.2	13.5
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	110
Chlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.97
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	138-__	139-__	140-__	141-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	142-__	143-__	144-__	145-__
1 pH of Water by Field Measurement					
pH	SU	6.68	7.03	7.07	7.50
1 Temperature of Water by Field Measurement					
Temperature	Deg C	23.2	14.4	15.2	13.3
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	40	0.50 U	17
Chlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	142-__	143-__	144-__	145-__
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 UJ	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	146-__	147-__	148-__	175-FB
1 pH of Water by Field Measurement					
pH	SU	7.27	7.45	7.35	
1 Temperature of Water by Field Measurement					
Temperature	Deg C	13.7	18.0	14.2	
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	10	0.50 U	24	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.67
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	1.1
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	146-__	147-__	148-__	175-FB
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 UJ	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	176-FB	201-__	202-__	203-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm		0.914	1.35	0.610
1 pH of Water by Field Measurement					
pH	SU		6.62	6.72	7.42
1 Temperature of Water by Field Measurement					
Temperature	Deg C		18.9	22.8	18.4
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L		6.25	4.37	8.61
1 Turbidity of Water by Field Measurement					
Turbidity	NTU		0	0	
1 VOCs in Water by GC/MS					
Acetone	ug/L		10 U	10 U	10 U
Benzene	ug/L		5.0 U	5.0 U	5.0 U
Bromochloromethane	ug/L		5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L		5.0 U	5.0 U	5.0 U
Bromoform	ug/L		5.0 U	5.0 U	5.0 U
Bromomethane	ug/L		5.0 U	5.0 U	5.0 U
2-Butanone	ug/L		10 U	10 U	10 U
Carbon Disulfide	ug/L		5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L		64	51	5.0 U
Chlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
Chloroethane	ug/L		5.0 U	5.0 U	5.0 U
Chloroform	ug/L		5.0 U	5.0 U	5.0 U
Chloromethane	ug/L		5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L		5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L		5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L		5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L		5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L		5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L		5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L		5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L		5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L		5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L		5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L		5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L		5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L		5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L		5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L		10 U	10 U	10 U
Isopropylbenzene	ug/L		5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L		5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L		5.0 U	5.0 U	5.0 U
Methylcyclohexane	ug/L		5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	176-FB	201-__	202-__	203-__
Methylene Chloride	ug/L		5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L		10 U	10 U	10 U
Styrene	ug/L		5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L		5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L		5.0 U	5.0 U	5.0 U
Toluene	ug/L		5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L		5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L		5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L		5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L		5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L		5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L		5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L		5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L		5.0 U	5.0 U	5.0 U
o-Xylene	ug/L		5.0 U	5.0 U	5.0 U
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U			
Benzene	ug/L	0.50 U			
Bromochloromethane	ug/L	0.50 U			
Bromodichloromethane	ug/L	0.50 U			
Bromoform	ug/L	0.50 U			
Bromomethane	ug/L	0.50 U			
2-Butanone	ug/L	5.0 U			
Carbon Disulfide	ug/L	0.50 U			
Carbon Tetrachloride	ug/L	0.50 U			
Chlorobenzene	ug/L	0.50 U			
Chloroethane	ug/L	0.50 U			
Chloroform	ug/L	0.50 U			
Chloromethane	ug/L	0.50 U			
Cyclohexane	ug/L	0.50 U			
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U			
Dibromochloromethane	ug/L	0.50 U			
1,2-Dibromoethane	ug/L	0.50 U			
1,2-Dichlorobenzene	ug/L	0.50 U			
1,3-Dichlorobenzene	ug/L	0.50 U			
1,4-Dichlorobenzene	ug/L	0.50 U			
Dichlorodifluoromethane	ug/L	0.50 U			
1,1-Dichloroethane	ug/L	0.50 U			
1,2-Dichloroethane	ug/L	0.50 U			
1,1-Dichloroethene	ug/L	0.50 U			
cis-1,2-Dichloroethene	ug/L	0.50 U			
trans-1,2-Dichloroethene	ug/L	0.50 U			
1,2-Dichloropropane	ug/L	0.50 U			
cis-1,3-Dichloropropene	ug/L	0.50 U			

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Analysis/ Analyte	Units	176-FB	201-__	202-__	203-__
trans-1,3-Dichloropropene	ug/L	0.50 U			
Ethyl Benzene	ug/L	0.50 U			
2-Hexanone	ug/L	5.0 U			
Isopropylbenzene	ug/L	0.50 U			
Methyl Acetate	ug/L	0.50 U			
Methyl tert-butyl ether	ug/L	0.50 U			
Methylcyclohexane	ug/L	0.50 U			
Methylene Chloride	ug/L	0.50 U			
4-Methyl-2-Pentanone	ug/L	5.0 U			
Styrene	ug/L	0.50 U			
1,1,2,2-Tetrachloroethane	ug/L	0.50 U			
Tetrachloroethene	ug/L	0.50 U			
Toluene	ug/L	0.50 U			
1,2,3-Trichlorobenzene	ug/L	0.50 U			
1,2,4-Trichlorobenzene	ug/L	0.50 U			
1,1,1-Trichloroethane	ug/L	0.50 U			
1,1,2-Trichloroethane	ug/L	0.50 U			
Trichloroethene	ug/L	0.50 U			
Trichlorofluoromethane	ug/L	0.50 U			
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U			
Vinyl Chloride	ug/L	0.50 U			
m and/or p-Xylene	ug/L	0.50 U			
o-Xylene	ug/L	0.50 U			

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Analysis/ Analyte	Units	204-__	205-__	206-__	207-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.738	1.28	0.871	
1 pH of Water by Field Measurement					
pH	SU	7.06	6.70	6.7	
1 Temperature of Water by Field Measurement					
Temperature	Deg C	18.3	20.4	23.1	
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	9.84	4.90	5.43	
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	0	0	160	
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	50 U	10 U	10 U
Benzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Bromochloromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	25 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
2-Butanone	ug/L	10 U	50 U	10 U	10 U
Carbon Disulfide	ug/L	5.0 U	25 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	5.0 U	530	41	48
Chlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	25 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	25 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	25 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	25 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	25 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
2-Hexanone	ug/L	10 U	50 U	10 U	10 U
Isopropylbenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	25 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	5.0 U	25 U	5.0 U	5.0 U
Methylcyclohexane	ug/L	5.0 U	25 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	204-__	205-__	206-__	207-__
Methylene Chloride	ug/L	5.0 U	25 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	10 U	50 U	10 U	10 U
Styrene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Trichloroethene	ug/L	5.0 U	25 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	25 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	25 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	5.0 U	25 U	5.0 U	5.0 U
o-Xylene	ug/L	5.0 U	25 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	208-__	209-__	210-__	211-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	89	25	55	62
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	208-__	209-__	210-__	211-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	212-__	213-__	216-FB	217-FB
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.902	0.899		
1 pH of Water by Field Measurement					
pH	SU	6.70	6.76		
1 Temperature of Water by Field Measurement					
Temperature	Deg C	20.3	18.4		
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	7.46	6.15		
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	36			
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	690	35	5.0 U	5.0 U
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	212-__	213-__	216-FB	217-FB
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	301-__	302-__	303-__	304-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	1.35	1.58	1.07	
1 pH of Water by Field Measurement					
pH	SU	6.60	6.84	6.74	
1 Temperature of Water by Field Measurement					
Temperature	Deg C	15.4	14.6	18	
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	9.55		13.86	
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	26.5	170	22.8	
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	8.8	20
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	1.9
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	301-__	302-__	303-__	304-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.88
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 UJ
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	305-__	306-__	307-__	308-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.96	0.780	1.28	1.03
1 pH of Water by Field Measurement					
pH	SU	6.41	6.82	6.88	6.60
1 Temperature of Water by Field Measurement					
Temperature	Deg C	22.5	16.9	19.8	19.6
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	10.13	10.21	9.38	7.37
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	10	3.9	7.7	11.1
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.68	0.50 U	0.84	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	305-__	306-__	307-__	308-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	309-__	310-__	311-__	312-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.814	0.602	1.46	1.23
1 pH of Water by Field Measurement					
pH	SU	6.63	6.8	6.83	6.61
1 Temperature of Water by Field Measurement					
Temperature	Deg C	19.6	16.5	19.5	15.9
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	8.55	8.1	7.4	8.68
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	3.0	23	7.8	29
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	150	5.0	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.58	0.86	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	309-__	310-__	311-__	312-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	313-__	314-__	315-__	316-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.764	0.917	1.19	1.18
1 pH of Water by Field Measurement					
pH	SU	6.75	6.9	6.65	6.64
1 Temperature of Water by Field Measurement					
Temperature	Deg C	19.2	19.5	16.0	17.0
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	7.85	8.42	7.65	8.0
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	15	40	26	29
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	14
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	10	34
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	313-__	314-__	315-__	316-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	317-__	318-__	319-__	320-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm			0.671	
1 pH of Water by Field Measurement					
pH	SU		6.14		
1 Temperature of Water by Field Measurement					
Temperature	Deg C		18.2	20.2	
1 Turbidity of Water by Field Measurement					
Turbidity	NTU		31	0	
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	0.50 U	0.54
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	0.71
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	317-__	318-__	319-__	320-__
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	1.3	1.3	2.0	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	321-__	322-__	323-__	324-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.301	0.698	0.991	1.34
1 pH of Water by Field Measurement					
pH	SU	6.89	6.72	6.84	6.58
1 Temperature of Water by Field Measurement					
Temperature	Deg C	15.0	15.4	16.7	20.2
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	3.47	8.02	8.61	5.58
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	0	40	0	33
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	140	5.7	0.65
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	1.2	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	321-__	322-__	323-__	324-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	325-__	326-__	327-__	328-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.377	0.661	1.24	0.724
1 pH of Water by Field Measurement					
pH	SU	6.75	6.61	6.62	5.59
1 Temperature of Water by Field Measurement					
Temperature	Deg C	16.0	17.6	20.2	18.3
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	3.45	6.73	6.0	2.80
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	10	28	0	0
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	0.50 U	0.50 U	28	7.1
Chlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	0.50 U	0.50 U	0.50 U	2.4
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	325-__	326-__	327-__	328-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	1.0
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	329-__	330-__	331-__	332-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.815	0.630		0.626
1 pH of Water by Field Measurement					
pH	SU	6.24	5.93		6.49
1 Temperature of Water by Field Measurement					
Temperature	Deg C	21.1	21.0		15.1
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L	2.23			7.62
1 Turbidity of Water by Field Measurement					
Turbidity	NTU	1.2	0		
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	4.7	2.2	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	9.8	10	59	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	120 J	36 J	1.9	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	17	11	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	329-__	330-__	331-__	332-__
Methylene Chloride	ug/L	2.0 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	1.6	2.7	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	333-__	334-__	335-__	336-__
1 Conductivity by Field Measurement					
Conductivity	umhos/cm	0.940		0.536	0.323
1 pH of Water by Field Measurement					
pH	SU	6.77		6.52	7.14
1 Temperature of Water by Field Measurement					
Temperature	Deg C	18.2		16.5	16.6
1 Total Dissolved Oxygen in Water by Field Measurement					
Dissolved Oxygen	mg/L			6.70	2.30
1 Turbidity of Water by Field Measurement					
Turbidity	NTU			0	0
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	1.2	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	19	0.50 U	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	5.7	0.50 U	0.50 U	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	333-__	334-__	335-__	336-__
Methylene Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 UJ	0.50 UJ	0.50 U	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	337-__	338-FB	339-FB
1 Conductivity by Field Measurement				
Conductivity	umhos/cm	0.701		
1 pH of Water by Field Measurement				
pH	SU	6.70		
1 Temperature of Water by Field Measurement				
Temperature	Deg C	20.4		
1 Total Dissolved Oxygen in Water by Field Measurement				
Dissolved Oxygen	mg/L	7.63		
1 Turbidity of Water by Field Measurement				
Turbidity	NTU	0		
1 VOCs in Water by GC/MS for Low Detection Limits				
Acetone	ug/L	5.0 U	5.0 U	5.0 U
Benzene	ug/L	0.50 U	0.50 U	0.50 U
Bromochloromethane	ug/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	ug/L	0.50 U	0.50 U	0.50 U
Bromoform	ug/L	0.50 U	0.50 U	0.50 U
Bromomethane	ug/L	0.50 U	0.50 U	0.50 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	ug/L	340	0.50 U	0.50 U
Chlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
Chloroethane	ug/L	0.50 U	0.50 U	0.50 U
Chloroform	ug/L	1.5	0.69	0.50 U
Chloromethane	ug/L	0.50 U	0.50 U	0.50 U
Cyclohexane	ug/L	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-Chloropropane	ug/L	0.50 U	0.50 U	0.50 U
Dibromochloromethane	ug/L	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	ug/L	0.50 U	0.50 U	0.50 U
1,2-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
1,3-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
1,4-Dichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
Dichlorodifluoromethane	ug/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	ug/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	ug/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U	0.50 U	0.50 U
Ethyl Benzene	ug/L	0.50 U	0.50 U	0.50 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	0.50 U	0.50 U	0.50 U
Methyl Acetate	ug/L	0.50 U	0.50 U	0.50 U
Methyl tert-butyl ether	ug/L	0.50 U	0.50 U	0.50 U
Methylcyclohexane	ug/L	0.50 U	0.50 U	0.50 U

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Analysis/ Analyte	Units	337-__	338-FB	339-FB
Methylene Chloride	ug/L	0.50 U	1.1	0.50 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U
Styrene	ug/L	0.50 U	0.50 U	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U	0.50 U	0.50 U
Tetrachloroethene	ug/L	0.50 U	0.50 U	0.50 U
Toluene	ug/L	0.50 U	0.50 U	0.50 U
1,2,3-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
1,2,4-Trichlorobenzene	ug/L	0.50 U	0.50 UJ	0.50 U
1,1,1-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	ug/L	0.50 U	0.50 U	0.50 U
Trichloroethene	ug/L	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane	ug/L	0.50 U	0.50 U	0.50 U
1,1,2-Trichlorotrifluoroethane	ug/L	0.50 U	0.50 U	0.50 U
Vinyl Chloride	ug/L	0.50 U	0.50 U	0.50 U
m and/or p-Xylene	ug/L	0.50 U	0.50 U	0.50 U
o-Xylene	ug/L	0.50 U	0.50 U	0.50 U

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 3939

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Randy Schademann
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

I understand all samples will be disposed upon receipt of this form, unless samples are requested to be held. If I do not return this form all samples will be disposed of on _____.

☐ "RELEASED" - Read-only to all Region 7 employees and contractors that have R7LIMS "Customer" account. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Project Manager Accessible" - Available on the LAN in R7LIMS for my use only. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Archived" - THIS DATA IS OF A SENSITIVE NATURE. Any future reports must be requested through the laboratory. All samples may be disposed of upon receipt of the form if not requested to be held.

☐ Hold Samples - I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations.
The reason for the hold is:

☐ Samples are associated with a legal proceeding.

☐ Question/Concern with data - possible reanalysis requested.

☐ Other:_____

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 01/29/2009

Subject: Transmittal of Sample Analysis Results for ASR #: 4206

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Michael F. Davis, Chief
Laboratory Branch, Environmental Services Division

To: Randy Schademann
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

US EPA ARCHIVE DOCUMENT

Project Manager: Randy Schademann Org: SUPR/ER&R Phone: 913-551-7331
Project ID: RSA72Z00
Project Desc: Garvey Elevator - Removal Assessment sampling
Location: Hastings State: Nebraska Program: Superfund
Site Name: GARVEY ELEVATOR - SITEWIDE Site ID: A72Z Site OU: 00
Purpose: Site Characterization GPRA PRC: 302DC6C

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Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FB = Field Blank

Units: Specific units in which results are reported.

ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Project ID: RSA72Z00 Project Desc: Garvey Elevator - Removal Assessment sampling

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	__	Water	Garvey Influent		01/13/2009	14:30			01/14/2009
2	__	Water	Garvey Effluent		01/13/2009	14:35			01/14/2009
7	FB	Water	LDL VOA Trip Blank sample		01/13/2009	14:50			01/14/2009

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Analysis	Comments About Results For This Analysis

1 VOCs in Water by GC/MS for Low Detection Limits

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3230.13D

Samples: 1-__ 2-__ 7-FB

Comments:

Dichlorodifluoromethane (+53.7%) and 1,1,1-Trichloroethane (+20.7%) were UJ-coded in samples 1, 2, and 7-FB. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the continuing calibration check not meeting accuracy specifications. The actual reporting limit for these analytes may be higher than the reported value.

Dichlorodifluoromethane (46%, 57%-153%) and 1,1,1-Trichloroethane (79%, 85%-125%) were UJ-coded in samples 1, 2, and 7-FB. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of these analytes in the laboratory control sample. The actual reporting limit for these analytes may be higher than the reported value.

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Analysis/ Analyte	Units	1-__	2-__	7-FB
1 VOCs in Water by GC/MS for Low Detection Limits				
Acetone	ug/L	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	63	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 U	1.0 U	1.0 U
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 U	1.0 U	1.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U

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Analysis/ Analyte	Units	1-__	2-__	7-FB
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 4206

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Randy Schademann
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

I understand all samples will be disposed upon receipt of this form, unless samples are requested to be held. If I do not return this form all samples will be disposed of on _____.

☐ "RELEASED" - Read-only to all Region 7 employees and contractors that have R7LIMS "Customer" account. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Project Manager Accessible" - Available on the LAN in R7LIMS for my use only. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Archived" - THIS DATA IS OF A SENSITIVE NATURE. Any future reports must be requested through the laboratory. All samples may be disposed of upon receipt of the form if not requested to be held.

☐ Hold Samples - I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations.
The reason for the hold is:

☐ Samples are associated with a legal proceeding.

☐ Question/Concern with data - possible reanalysis requested.

☐ Other:_____

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 05/18/2009

Subject: Transmittal of Sample Analysis Results for ASR #: 4238

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Michael F. Davis, Chief
Chemical Analysis and Response Branch, Environmental Services Division

To: Randy Schademann
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

US EPA ARCHIVE DOCUMENT

Project Manager: Randy Schademann Org: SUPR/ER&R Phone: 913-551-7331
Project ID: RSA72Z00
Project Desc: Garvey Elevator - Removal Assessment sampling
Location: Hastings State: Nebraska Program: Superfund
Site Name: GARVEY ELEVATOR - SITEWIDE Site ID: A72Z Site OU: 00
Purpose: Site Characterization GPRA PRC: 302DC6C

Source control evaluation for monthly SVE-summa sampling.

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample

Units: Specific units in which results are reported.

ug/m3 = Micrograms per Cubic Meter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
U = The analyte was not detected at or above the reporting limit.

US EPA ARCHIVE DOCUMENT

Project ID: RSA72Z00 Project Desc: Garvey Elevator - Removal Assessment sampling

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 -	__	Air	Garvey site SVE Total Effluent (grab sample)		04/22/2009	11:55			04/23/2009

US EPA ARCHIVE DOCUMENT

Analysis	Comments About Results For This Analysis

1 VOCs in Air at Source Levels by GC/MS

Lab: REAP Contract Lab (Out-Source)

Method: Similar to EPA Region 7 SOP # 3230.4C as applied to source level samples (see comments)

Samples: 1-__

Comments:

The samples were originally designated for source level analysis but since ambient analyses were in progress at the laboratory, the samples were analyzed at this lower level. The target compound list was the same and reporting limits were lower than the source level method.

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Analysis/ Analyte	Units	1-__
1 VOCs in Air at Source Levels by GC/MS		
Acetone	ug/m3	11.9 U
Benzene	ug/m3	16 U
Bromodichloromethane	ug/m3	33.5 U
Bromoform	ug/m3	51.7 U
Bromomethane	ug/m3	19.4 U
2-Butanone	ug/m3	14.7 U
Carbon Disulfide	ug/m3	15.6 U
Carbon Tetrachloride	ug/m3	626
Chlorobenzene	ug/m3	23 U
Chloroethane	ug/m3	13.2 U
Chloroform	ug/m3	24.4 U
Chloromethane	ug/m3	10.3 U
Dibromochloromethane	ug/m3	42.6 U
1,2-Dibromoethane	ug/m3	38.4 U
1,2-Dichlorobenzene	ug/m3	30 U
1,3-Dichlorobenzene	ug/m3	30 U
1,1-Dichloroethane	ug/m3	20.2 U
1,2-Dichloroethane	ug/m3	20.2 U
1,1-Dichloroethene	ug/m3	19.8 U
cis-1,2-Dichloroethene	ug/m3	19.8 U
trans-1,2-Dichloroethene	ug/m3	19.8 U
1,2-Dichloropropane	ug/m3	23.1 U
cis-1,3-Dichloropropene	ug/m3	22.7 U
trans-1,3-Dichloropropene	ug/m3	22.7 U
Ethyl Benzene	ug/m3	21.7 U
Heptane	ug/m3	20.5 U
Hexachlorobutadiene	ug/m3	53.3 U
Hexane	ug/m3	17.6 U
2-Hexanone	ug/m3	20.5 U
Isopropylbenzene	ug/m3	24.6 U
Methylene Chloride	ug/m3	17.4 U
4-Methyl-2-Pentanone	ug/m3	20.5 U
Naphthalene	ug/m3	52.4 U
Styrene	ug/m3	21.3 U
1,1,2,2-Tetrachloroethane	ug/m3	34.3 U
Tetrachloroethene	ug/m3	33.9 U
Toluene	ug/m3	18.8 U
1,2,4-Trichlorobenzene	ug/m3	37.1 U
1,1,1-Trichloroethane	ug/m3	27.3 U
1,1,2-Trichloroethane	ug/m3	27.3 U
Trichloroethene	ug/m3	26.9 U
1,1,2-Trichlorotrifluoroethane	ug/m3	38.3 U
1,2,4-Trimethylbenzene	ug/m3	24.6 U
1,3,5-Trimethylbenzene	ug/m3	24.6 U
Vinyl Chloride	ug/m3	12.8 U

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Analysis/ Analyte	Units	1-__
m and/or p-Xylene	ug/m3	21.7 U
o-Xylene	ug/m3	21.7 U

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 4238

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Randy Schademann
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

I understand all samples will be disposed upon receipt of this form, unless samples are requested to be held. If I do not return this form all samples will be disposed of on _____.

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☐ "Project Manager Accessible" - Available on the LAN in R7LIMS for my use only. All Samples may be disposed of upon receipt of this form if not requested to be held.

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☐ Hold Samples - I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations.
The reason for the hold is:

☐ Samples are associated with a legal proceeding.

☐ Question/Concern with data - possible reanalysis requested.

☐ Other:_____

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101

Date: 05/19/2009

Subject: Transmittal of Sample Analysis Results for ASR #: 4366

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Michael F. Davis, Chief
Chemical Analysis and Response Branch, Environmental Services Division

To: Randy Schademann
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

US EPA ARCHIVE DOCUMENT

Project Manager: Randy Schademann Org: SUPR/ER&R Phone: 913-551-7331
Project ID: RSA72Z00
Project Desc: Garvey Elevator - Removal Assessment sampling
Location: Hastings State: Nebraska Program: Superfund
Site Name: GARVEY ELEVATOR - SITEWIDE Site ID: A72Z Site OU: 00
Purpose: Site Characterization GPRA PRC: 302DC6C

US EPA ARCHIVE DOCUMENT

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

__ = Field Sample
FB = Field Blank

Units: Specific units in which results are reported.

ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.
J = The identification of the analyte is acceptable; the reported value is an estimate.
U = The analyte was not detected at or above the reporting limit.
UJ = The analyte was not detected at or above the reporting limit. The reporting limit is an estimate.

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1	__	Water	MW-6A		04/21/2009	11:15			04/23/2009
2	__	Water	MW-18D		04/21/2009	15:00			04/23/2009
3	__	Water	MW-18C		04/21/2009	15:40			04/23/2009
4	__	Water	RW-2		04/21/2009	16:50			04/23/2009
5	__	Water	RW-3		04/21/2009	17:12			04/23/2009
7	__	Water	RW-7		04/21/2009	17:30			04/23/2009
8	__	Water	RW-8		04/21/2009	17:40			04/23/2009
9	__	Water	MW-19A		04/22/2009	10:10			04/23/2009
10	__	Water	MW-19C		04/22/2009	10:40			04/23/2009
11	__	Water	MW-12C		04/22/2009	13:50			04/23/2009
12	__	Water	MW-12A		04/22/2009	14:25			04/23/2009
13	__	Water	MW-3B		04/22/2009	17:10			04/24/2009
14	__	Water	MW-3A		04/22/2009	17:40			04/24/2009
15	__	Water	MW-4B		04/22/2009	18:25			04/24/2009
16	__	Water	MW-4A		04/22/2009	19:00			04/24/2009
17	__	Water	MW-5B		04/23/2009	08:55			04/24/2009
18	__	Water	MW-5A		04/23/2009	09:30			04/24/2009
19	__	Water	MW-13C		04/23/2009	11:00			04/24/2009
20	__	Water	MW-30E		04/23/2009	15:00			04/27/2009
21	__	Water	MW-30D		04/23/2009	15:25			04/27/2009
22	__	Water	Air Stripper Combined Influent		04/23/2009	14:50			04/27/2009
23	__	Water	MW-30C		04/23/2009	16:00			04/27/2009
24	__	Water	MW-30A		04/23/2009	16:25			04/27/2009
25	__	Water	MW-31A		04/23/2009	17:20			04/27/2009
26	__	Water	MW-17C		04/24/2009	08:50			04/27/2009
27	__	Water	MW-17A		04/24/2009	09:25			04/27/2009
30	FB	Water	Routine VOA Trip Blank sample		04/24/2009	08:40			04/27/2009
101	__	Water	MW-7B		04/20/2009	17:30			04/23/2009
102	__	Water	MW-7A		04/20/2009	18:00			04/23/2009
103	__	Water	MW-33		04/21/2009	08:15			04/23/2009
104	__	Water	MW-8A		04/21/2009	08:40			04/23/2009
105	__	Water	MW-2A		04/21/2009	09:30			04/23/2009
106	__	Water	MW-6E		04/21/2009	10:10			04/23/2009
107	__	Water	MW-6D		04/21/2009	10:45			04/23/2009
108	__	Water	MW-10B		04/21/2009	12:10			04/23/2009
109	__	Water	MW-10A		04/21/2009	12:45			04/23/2009
110	__	Water	MW-11A		04/21/2009	13:45			04/23/2009
111	__	Water	MW-1A		04/22/2009	12:00			04/23/2009
112	__	Water	MW-9A		04/22/2009	12:50			04/23/2009
113	__	Water	MW-3E		04/22/2009	16:05			04/24/2009
114	__	Water	MW-3D		04/22/2009	16:35			04/24/2009
115	__	Water	MW-5D		04/23/2009	08:20			04/24/2009
116	__	Water	MW-13E		04/23/2009	12:25			04/24/2009
117	__	Water	MW-20D		04/23/2009	12:40			04/24/2009

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Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
118	__	Water	MW-20E		04/23/2009	13:20			04/24/2009
119	__	Water	MW-20C		04/23/2009	13:50			04/24/2009
120	__	Water	MW-20A		04/23/2009	14:20			04/24/2009
121	__	Water	Air Stripper Effluent		04/23/2009	15:00			04/27/2009
122	__	Water	MW-31C		04/23/2009	16:55			04/27/2009
123	__	Water	MW-14A		04/23/2009	18:05			04/27/2009
124	__	Water	MW-17D		04/24/2009	08:20			04/27/2009
125	FB	Water	LDL VOA Trip Blank sample		04/24/2009	08:30			04/27/2009

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Analysis Comments About Results For This Analysis

1 VOCs in Water by GC/MS

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3230.1F

Samples:							
	1-__	2-__	3-__	4-__	5-__	7-__	8-__
	9-__	10-__	11-__	12-__	13-__	14-__	15-__
	16-__	17-__	18-__	19-__	20-__	21-__	22-__
	23-__	24-__	25-__	26-__	27-__	30-FB	

Comments:

The percent relative standard deviation for Acetone (-66.2%), 2-Butanone (-28.2%) and Carbon Tetrachloride (-26.0%) were biased high in the continuing calibration check. Carbon Tetrachloride was J-coded in samples 13, 15, 22, 24, 25 and 26. Acetone was J-coded in samples 3 and 21. 2-Butanone was J-coded in samples 15 and 21. Although the analytes in question have been positively identified in the samples, the quantitation is an estimate (J-coded) due to the continuing calibration check not meeting accuracy specifications. The actual concentration for these analytes may be lower than the reported value.

The recovery for Acetone (166%, 50-143%) and Carbon Tetrachloride (126%, 84-119%) were biased high in the laboratory control sample. Acetone was J-coded in samples 3 and 21. Carbon Tetrachloride was J-coded in samples 13, 15, 22, 24, 25 and 26. Although the analytes in question have been positively identified in the samples, the quantitation is an estimate (J-coded) due to high recovery of these analytes in the laboratory control sample. The actual concentration for these analytes may be lower than the reported value.

Styrene (17 RPD, 7.8 PCL) was biased high. Styrene was UJ-coded in sample 1. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to poor precision obtained for this analyte in the laboratory matrix spike and matrix spike duplicate. The actual reporting limit for this analyte may be higher than the reported value.

1 VOCs in Water by GC/MS for Low Detection Limits

Lab: Region 7 ESAT Contract Lab (In-House)

Method: EPA Region 7 RLAB Method 3230.13D

Samples:							
	101-__	102-__	103-__	104-__	105-__	106-__	107-__
	108-__	109-__	110-__	111-__	112-__	113-__	114-__
	115-__	116-__	117-__	118-__	119-__	120-__	121-__
	122-__	123-__	124-__	125-FB			

Comments:

Acetone (+40.8%) was UJ-coded in samples 111, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, 113, 114, 116, 117, 118, 119, and 120. 2-Butanone (+38.5%) was UJ-coded in samples 111, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, 113, 114, 116, 117, 118, and 119. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the continuing calibration check not meeting accuracy specifications. The actual reporting limit

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Analysis Comments About Results For This Analysis

for these analytes may be higher than the reported value.

2-Butanone (+38.5%) was J-coded in sample 120. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to the continuing calibration check not meeting accuracy specifications. The actual concentration for this analyte may be higher than the reported value.

Methyl tert butyl Ether (+20.2%), 4-Methyl-2-Pentanone (+25.6%), 2-Hexanone (+24.6%), and 1,2-Dibromo-3-Chloropropane (+22.2%) were UJ-coded in samples 125-FB, 115, 121, 122, 123, and 124. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to the continuing calibration check not meeting accuracy specifications. The actual reporting limit for these analytes may be higher than the reported value.

Methylene Chloride (86%, 88%-114%), Bromodichloromethane (84%, 85%-123%), Dibromochloromethane (83%, 85%-120%), and Chlorobenzene (88%, 89%-114%) were UJ-coded in samples 111, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 112, 113, 114, 116, 117, 118, 119, and 120. Chloroform (86%, 88%-118%) was UJ-coded in samples 111, 101, 102, 103, 105, 106, 107, 108, 109, 110, 112, 113, 114, 116, 117, 118, 119, and 120. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of these analytes in the laboratory control sample. The actual reporting limit for these analytes may be higher than the reported value.

Chloroform (86%, 88%-118%) was J-coded in sample 104. Although the analyte in question has been positively identified in the samples, the quantitation is an estimate (J-coded) due to low recovery of this analyte in the laboratory control sample. The actual concentration for this analyte may be higher than the reported value.

Methylene Chloride (84%, 88%-114%), Methyl tert butyl Ether (80%, 82%-121%), 1,1-Dichloroethane (86, 88%-117%), Chloroform (86%, 88%-118%), 1,2-Dichloroethane (80%, 82%-121%), 1,2-Dichloropropane (84%, 86%-115%), Bromodichloromethane (83%, 85%-123%), 1,1,2-Trichloroethane (84%, 86%-117%), Dibromochloromethane (83%, 85%-120%), and 1,1,2,2-Tetrachloroethane (83%, 85%-120%) were UJ-coded in samples 125-FB, 115, 121, 122, 123, and 124. These analytes were not found in the samples at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of these analytes in the laboratory control sample. The actual reporting limit for these analytes may be higher than the reported value.

Benzene (85%, 86%-123%), Chlorobenzene (85%, 86%-119%), Chloroform (79%, 85%-126%), 1,1-Dichloroethane (79%, 85%-123%), 1,2-Dichloropropane (83%, 84%-118%), and Methylene Chloride (80%, 83%-118%) were UJ-coded in sample 115. These analytes were not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to low recovery of these analytes in the laboratory matrix spike. The actual reporting limit for these analytes may be higher than the reported value.

Styrene (46RPD, 19PCL) was UJ-coded in sample 111. This analyte was not found in the sample at or above the reporting limit, however, the reporting limit is an estimate (UJ-coded) due to poor precision obtained for this analyte in the laboratory matrix spike and

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Analysis	Comments About Results For This Analysis

matrix spike duplicate. The actual reporting limit for this analyte may be higher than the reported value.

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Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	320000 J	5.0 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	31	8.8	7.2	120
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 UJ	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	5-__	7-__	8-__	9-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	100	75	53	100
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	5-__	7-__	8-__	9-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	10-__	11-__	12-__	13-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	5.0 U	28	5.0 U	620 J
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	10-__	11-__	12-__	13-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	14-__	15-__	16-__	17-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	52 J	5.0 U	5.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	14	1600 J	150	200
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	14-__	15-__	16-__	17-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	18-__	19-__	20-__	21-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	10 J
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.9 J
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	13	44	5.0 U	5.0 U
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	21	8.8
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	18-__	19-__	20-__	21-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	22-__	23-__	24-__	25-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.5	5.0 U
Carbon Tetrachloride	ug/L	80 J	5.0 U	120 J	31 J
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	ug/L	5.0 U	5.0 U	150	18
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	9.8	5.0 U
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	22-__	23-__	24-__	25-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
m and/or p-Xylene	ug/L	10 U	10 U	10 U	10 U
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U

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Analysis/ Analyte	Units	26-__	27-__	30-FB	101-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	
Benzene	ug/L	5.0 U	5.0 U	5.0 U	
Bromodichloromethane	ug/L	5.0 U	5.0 U	5.0 U	
Bromoform	ug/L	5.0 U	5.0 U	5.0 U	
Bromomethane	ug/L	5.0 U	5.0 U	5.0 U	
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	
Carbon Tetrachloride	ug/L	130 J	5.0 U	5.0 U	
Chlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
Chloroethane	ug/L	5.0 U	5.0 U	5.0 U	
Chloroform	ug/L	5.0 U	5.0 U	5.0 U	
Chloromethane	ug/L	5.0 U	5.0 U	5.0 U	
Cyclohexane	ug/L	5.0 U	5.0 U	5.0 U	
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	
Dibromochloromethane	ug/L	5.0 U	5.0 U	5.0 U	
1,2-Dibromoethane	ug/L	5.0 U	5.0 U	5.0 U	
1,2-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
1,3-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
1,4-Dichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
Dichlorodifluoromethane	ug/L	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	
1,2-Dichloroethane	ug/L	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	
cis-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	
trans-1,2-Dichloroethene	ug/L	5.0 U	5.0 U	5.0 U	
1,2-Dichloropropane	ug/L	5.0 U	5.0 U	5.0 U	
cis-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	
trans-1,3-Dichloropropene	ug/L	5.0 U	5.0 U	5.0 U	
Ethyl Benzene	ug/L	5.0 U	5.0 U	5.0 U	
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	
Methylcyclohexane	ug/L	5.0 U	5.0 U	5.0 U	
Methylene Chloride	ug/L	5.0 U	5.0 U	5.0 U	
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	
Naphthalene	ug/L	10 U	10 U	10 U	
Styrene	ug/L	5.0 U	5.0 U	5.0 U	
1,1,2,2-Tetrachloroethane	ug/L	5.0 U	5.0 U	5.0 U	
Tetrachloroethene	ug/L	5.0 U	5.0 U	5.0 U	
Toluene	ug/L	5.0 U	5.0 U	5.0 U	
1,2,3-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
1,2,4-Trichlorobenzene	ug/L	5.0 U	5.0 U	5.0 U	
1,1,1-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	
1,1,2-Trichloroethane	ug/L	5.0 U	5.0 U	5.0 U	

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Analysis/ Analyte	Units	26-__	27-__	30-FB	101-__
Trichloroethene	ug/L	5.0 U	5.0 U	5.0 U	
Trichlorofluoromethane	ug/L	5.0 U	5.0 U	5.0 U	
1,1,2-Trichlorotrifluoroethane	ug/L	5.0 U	5.0 U	5.0 U	
Vinyl Chloride	ug/L	5.0 U	5.0 U	5.0 U	
m and/or p-Xylene	ug/L	10 U	10 U	10 U	
o-Xylene	ug/L	5.0 U	5.0 U	5.0 U	
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L				5.0 UJ
Benzene	ug/L				1.0 U
Bromodichloromethane	ug/L				1.0 UJ
Bromoform	ug/L				1.0 U
Bromomethane	ug/L				1.0 U
2-Butanone	ug/L				5.0 UJ
Carbon Disulfide	ug/L				1.0 U
Carbon Tetrachloride	ug/L				1.0 U
Chlorobenzene	ug/L				1.0 UJ
Chloroethane	ug/L				1.0 U
Chloroform	ug/L				1.0 UJ
Chloromethane	ug/L				1.0 U
Cyclohexane	ug/L				1.0 U
1,2-Dibromo-3-Chloropropane	ug/L				5.0 U
Dibromochloromethane	ug/L				1.0 UJ
1,2-Dibromoethane	ug/L				1.0 U
1,2-Dichlorobenzene	ug/L				1.0 U
1,3-Dichlorobenzene	ug/L				1.0 U
1,4-Dichlorobenzene	ug/L				1.0 U
Dichlorodifluoromethane	ug/L				1.0 U
1,1-Dichloroethane	ug/L				1.0 U
1,2-Dichloroethane	ug/L				1.0 U
1,1-Dichloroethene	ug/L				1.0 U
cis-1,2-Dichloroethene	ug/L				1.0 U
trans-1,2-Dichloroethene	ug/L				1.0 U
1,2-Dichloropropane	ug/L				1.0 U
cis-1,3-Dichloropropene	ug/L				1.0 U
trans-1,3-Dichloropropene	ug/L				1.0 U
Ethyl Benzene	ug/L				1.0 U
2-Hexanone	ug/L				5.0 U
Isopropylbenzene	ug/L				1.0 U
Methyl Acetate	ug/L				5.0 U
Methyl tert-butyl ether	ug/L				1.0 U
Methylcyclohexane	ug/L				1.0 U
Methylene Chloride	ug/L				1.0 UJ
4-Methyl-2-Pentanone	ug/L				5.0 U
Naphthalene	ug/L				2.0 U
Styrene	ug/L				1.0 U

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Analysis/ Analyte	Units	26-__	27-__	30-FB	101-__
1,1,2,2-Tetrachloroethane	ug/L				1.0 U
Tetrachloroethene	ug/L				1.0 U
Toluene	ug/L				1.0 U
1,2,3-Trichlorobenzene	ug/L				1.0 U
1,2,4-Trichlorobenzene	ug/L				1.0 U
1,1,1-Trichloroethane	ug/L				1.0 U
1,1,2-Trichloroethane	ug/L				1.0 U
Trichloroethene	ug/L				1.0 U
Trichlorofluoromethane	ug/L				1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L				1.0 U
Vinyl Chloride	ug/L				1.0 U
m and/or p-Xylene	ug/L				2.0 U
o-Xylene	ug/L				1.0 U

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Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.2 J	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

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Analysis/ Analyte	Units	102-__	103-__	104-__	105-__
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

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Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	106-__	107-__	108-__	109-__
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	110-__	111-__	112-__	113-__
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Benzene	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 U
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 UJ	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	114-__	115-__	116-__	117-__
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 UJ	5.0 UJ	15 J	5.0 U
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.2	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.3	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 U	5.0 U	5.0 U	5.0 UJ
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 UJ
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 UJ
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.2	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ

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Analysis/ Analyte	Units	118-__	119-__	120-__	121-__
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	122-__	123-__	124-__	125-FB
1 VOCs in Water by GC/MS for Low Detection Limits					
Acetone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Dibromochloromethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromoethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Isopropylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Methylcyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
4-Methyl-2-Pentanone	ug/L	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Naphthalene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

US EPA ARCHIVE DOCUMENT

Analysis/ Analyte	Units	122-__	123-__	124-__	125-FB
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U
m and/or p-Xylene	ug/L	2.0 U	2.0 U	2.0 U	2.0 U
o-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U

US EPA ARCHIVE DOCUMENT

United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101

Date: __/__/____

Subject: Data Disposition/Sample Release for ASR #: 4366

Project ID: RSA72Z00

Project Description: Garvey Elevator - Removal Assessment sampling

From: Randy Schademann
SUPR/ER&R

To: Kaye Dollmann
ENSV/RLAB

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes for Data Disposition.

I understand all samples will be disposed upon receipt of this form, unless samples are requested to be held. If I do not return this form all samples will be disposed of on _____.

☐ "RELEASED" - Read-only to all Region 7 employees and contractors that have R7LIMS "Customer" account. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Project Manager Accessible" - Available on the LAN in R7LIMS for my use only. All Samples may be disposed of upon receipt of this form if not requested to be held.

☐ "Archived" - THIS DATA IS OF A SENSITIVE NATURE. Any future reports must be requested through the laboratory. All samples may be disposed of upon receipt of the form if not requested to be held.

☐ Hold Samples - I have determined that the samples need to be held until _____, after which time they will be disposed of in accordance with applicable regulations.
The reason for the hold is:

☐ Samples are associated with a legal proceeding.

☐ Question/Concern with data - possible reanalysis requested.

☐ Other:_____

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APPENDIX B

PRG CONVERSION FOR SOIL GAS

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Derivation of Soil Gas – Total Soil Concentration Equation

Problem – soil gas data are available. Soil data are not available. Need to be able to estimate soil concentration in order to compare to Soil Screening Levels for protection of groundwater.

Assumptions:
System is in equilibrium. Note – soil gas samples were collected actively. The vacuum created by the sample method would disrupt equilibrium conditions. It is assumed that this disruption is negligible.

Note – soil data are generally provided on a dry weight basis. However, when the sample is collected the analyte mass is distributed across the solid surface (sorbed), soil water, and soil gas. At a minimum, the soil concentration actually represents the mass extracted from the sorbed phase (assume perfect extraction) and the mass in the soil water divided by the dry weight of the soil. Whether the soil concentration number includes the mass in the soil gas depends on how the sample was handled between field collection and laboratory extraction. For this derivation, the total soil concentration (that which would be measured from submission of a soil sample to an analytical laboratory) includes soil gas contribution:
Ctotalsoil = (Msorbed + Msoilwater + Msoilgas)/kg soil
Msorbed = mass sorbed
Msoilwater = mass in the soil water
Msoilgas = mass in the soil gas

Equilibrium Conditions:
Air-Water Partitioning
$K_H' = C_a/C_w$
where
K_H' = dimensionless Henry's Law Constant
C_a = soil gas concentration
C_w = soil water concentration
Re-arranging yields:
$C_w = C_a/ K_H'$

Water-Soil Partitioning
$K_d = C_s/C_w$
Where
K_d = distribution coefficient = f_{oc} x K_{oc} (fraction organic carbon x organic carbon partition coefficient)
Cs = Sorbed concentration
Re-arranging yields:
$C_s = (C_w)(K_d)$

Let:
n = porosity

S_w = soil water content (L water/L soil)
S_a = soil gas content (L gas/L soil)
$S_a = n - S_w$

Back to the first equation:
Ctotalsoil = (Msorbed/kg soil) + (Msoilwater/kg soil) + (Msoilgas/kg soil)

Msorbed/kg soil = sorbed concentration (Cs)
From above: $C_s = (C_w)(K_d)$
Substituting for Cw: $Cs = (C_a/ K_H')(Kd)$

Msoilwater/kg soil = (Cw)(Sw)/BD
Where BD = dry bulk density of soil
Substituting Cw with Henry's Law:
$Msoilwater/kg\ soil = (C_a/ K_H')(Sw)/BD$

Msoilsgas/kg soil = (Ca)(Sa)/BD = Ca(n-Sw)/BD

$Ctotalsoil = (C_a \times K_d)/K_H' + (C_a \times S_w)/(K_H' \times BD) + (C_a(n-S_w))/BD$

Multipying for a common denominator and pulling out the Ca simplifies the equation as follows:
$Ctotalsoil = BD(C_a \times K_d)/(BD \times K_H') + (C_a \times S_w)/(K_H' \times BD) + (K_H' \times C_a \times (n-S_w))/(BD \times K_H')$
$Ctotalsoil = C_a \times (BD \times K_d + S_w + K_H' \times (n - S_w))/(BD \times K_H')$

This matches the equation provided by Rong, Y. 1996. How to Relate Soil Matrix to Soil Gas Samples. Soil and Groundwater Cleanup. June-July. Pp 20-23.

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Calculation of Soil Gas Concentrations for Carbon Disulfide
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

$Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)$

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (carbon disulfide protection from migration to groundwater, Risk-based SSL)	5.40E+00	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

$Cg = Cs / \{[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)\}$

Cg = 7.281E+00 mg g/kg cm3
= 0.00728143 mg/cm3
= 7281.43 mg/m3
= 7,281,434 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 0.00477577

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

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Calculation of Soil Gas Concentrations for Carbon Disulfide
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (carbon disulfide protection from migration to groundwater, Risk-based SSL)	5.40E+00	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 10.429 mg g/kg cm3
= 0.01042898 mg/cm3
= 10428.98 mg/m3
= 10,428,981 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 0.0068402

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

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Calculation of Soil Gas Concentrations for Carbon Tetrachloride
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (carbon tetrachloride protection from migration to groundwater, MCL-based SSL)	4.00E-02	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 5.394E-02 mg g/kg cm3
= 5.3937E-05 mg/cm3
= 53.94 mg/m3
= 53,937 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 5.4665E-05

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

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Calculation of Soil Gas Concentrations for Carbon Tetrachloride
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

$Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)$

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (carbon tetrachloride protection from migration to groundwater, MCL-based SSL)	4.00E-02	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

$Cg = Cs / \{[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)\}$

Cg = 0.077 mg g/kg cm3
= 7.7252E-05 mg/cm3
= 77.25 mg/m3
= 77,252 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 7.8294E-05

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

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Calculation of Soil Gas Concentrations for Chloroform
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Chloroform protection from migration to groundwater, Risk-based SSL)	1.10E-03	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 1.483E-03 mg g/kg cm3
= 1.4833E-06 mg/cm3
= 1.48 mg/m3
= 1,483 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 1.1306E-06

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

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Calculation of Soil Gas Concentrations for Chloroform
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

$Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)$

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Chloroform protection from migration to groundwater, Risk-based SSL)	1.10E-03	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

$Cg = Cs / \{[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)\}$

Cg = 0.002 mg g/kg cm3
= 2.1244E-06 mg/cm3
= 2.12 mg/m3
= 2,124 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 1.6193E-06

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

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Calculation of Soil Gas Concentrations for Chloromethane
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Chloromethane protection from migration to groundwater, Risk-based SSL)	9.80E-01	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 1.321E+00 mg g/kg cm3
= 0.00132145 mg/cm3
= 1321.45 mg/m3
= 1,321,445 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 0.00010911

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

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Calculation of Soil Gas Concentrations for Chloromethane
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Chloromethane protection from migration to groundwater, Risk-based SSL)	9.80E-01	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 1.893 mg g/kg cm3
= 0.00189267 mg/cm3
= 1892.67 mg/m3
= 1,892,667 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 0.00015627

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

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Calculation of Soil Gas Concentrations for Ethylene Dibromide
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

$Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)$

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Ethylene Dibromide protection from migration to groundwater, MCL-based SSL)	3.00E-04	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

$Cg = Cs / \{[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)\}$

Cg = 4.045E-04 mg g/kg cm3
= 4.0452E-07 mg/cm3
= 0.40 mg/m3
= 405 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 3.4464E-06

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

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Calculation of Soil Gas Concentrations for Ethylene Dibromide
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Ethylene Dibromide protection from migration to groundwater, MCL-based SSL)	3.00E-04	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 0.001 mg g/kg cm3
= 5.7939E-07 mg/cm3
= 0.58 mg/m3
= 579 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 4.9362E-06

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

NDEQ, 2006. Protocol for VCP Remediation Goals Lookup Tables, Nebraska Department of Environmental Quality, August 2006.

Rong, Y. 1996. How to Relate Soil Matrix to Soil Gas Samples. Soil and Groundwater Cleanup. June-July. Pp 20-23.

USACE, 2002. U.S. Army Corps of Engineers, Soil Vapor Extraction and Bioventing, Engineer Manual, EM 1110-1-4001. June 2002.

USEPA, 2004. User's Guide for Evaluating Subsurface Vapor Intrusion Into Buildings, Office of Emergency and Remedial Response, February 24, 2004.

USEPA, 2009. Regional Screening Tables, http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_run_APRIL2009.pdf

US EPA ARCHIVE DOCUMENT

Calculation of Soil Gas Concentrations for Methylene Chloride
Using Method Specified by Y. Rong, 1996.
Soil Type: Silt, clayey silt, clayey or silty fine sand (upper 85 ft)

$Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)$

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Methylene Chloride protection from migration to groundwater, MCL-based SSL)	2.60E-02	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.3	unitless	USACE, 2002; w/in silt loam
n = porosity	0.5	unitless	USACE, 2002; windblown silt (loess)
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.36	g/cm3	USACE, 2002; windblown silt (loess)
Kd = distribution coefficient = Koc * Foc	0.261	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.0015	unitless	HWS, 1995; Site-specific Foc 30 ft bgs = 0.11% and 50 ft bgs = 0.19%

Rearrange to calculate Cg, given a Cs value

$Cg = Cs / \{[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)\}$

Cg = 3.506E-02 mg g/kg cm3
= 3.5059E-05 mg/cm3
= 35.06 mg/m3
= 35,059 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 1.7011E-05

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

NDEQ, 2006. Protocol for VCP Remediation Goals Lookup Tables, Nebraska Department of Environmental Quality, August 2006.

Rong, Y. 1996. How to Relate Soil Matrix to Soil Gas Samples. Soil and Groundwater Cleanup. June-July. Pp 20-23.

USACE, 2002. U.S. Army Corps of Engineers, Soil Vapor Extraction and Bioventing, Engineer Manual, EM 1110-1-4001. June 2002.

USEPA, 2004. User's Guide for Evaluating Subsurface Vapor Intrusion Into Buildings, Office of Emergency and Remedial Response, February 24, 2004.

USEPA, 2009. Regional Screening Tables, http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_run_APRIL2009.pdf

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Calculation of Soil Gas Concentrations for Methylene Chloride
Using Method Specified by Y. Rong, 1996.
Soil Type: fine to coarse sand, w/ gravel

Cs = Cg * [Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)

where:

	Calc Value	Units	Data Source
Cs = EPA Regional Screening Table (Methylene Chloride protection from migration to groundwater, MCL-based SSL)	2.60E-02	mg/kg	EPA Regional Screening Table, April 2009
Cg = soil gas concentration			Calculated below
Sw = soil water content	0.13	unitless	USACE, 2002; low end of sand range
n = porosity	0.4	unitless	USACE, 2002; mixed grain sand, loose
Kh = Henry's Law constant	0.81	unitless	USACE, 2002
bd = bulk density	1.59	g/cm3	USACE, 2002; mixed grain sand, loose
Kd = distribution coefficient = Koc * Foc	0.2001	cm3/g	Calculated using Koc and Foc values below
Koc = organic carbon partition coefficient	174	cm3/g	USEPA, 2004
Foc = fraction organic carbon	0.00115	unitless	HWS, 1995; Site-specific Foc 80 ft bgs = 0.11% and 100 ft bgs = 0.13%

Rearrange to calculate Cg, given a Cs value

Cg = Cs / {[Sw + (n - Sw) * Kh + bd * Kd] / (bd * Kh)}

Cg = 0.050 mg g/kg cm3
= 5.0214E-05 mg/cm3
= 50.21 mg/m3
= 50,214 ug/m3 Concentration of soil gas in soil at a concentration that is protective of groundwater quality.

Ratio of calculated soil gas concentration to equilibrium concentration of pure product:

Ratio: 2.4364E-05

References:

Bouldin, R. 2004. Practical Handbook of Soil, Vadose Zone, and Groundwater Contamination, Lewis Publishers, 2004.

Garvey Elevators, Inc (Garvey). 2003. Request for Information Pursuant to Section 104 of CERCLA. Garvey Elevator Site, Hastings, Nebraska. February 13.

NDEQ, 2006. Protocol for VCP Remediation Goals Lookup Tables, Nebraska Department of Environmental Quality, August 2006.

Rong, Y. 1996. How to Relate Soil Matrix to Soil Gas Samples. Soil and Groundwater Cleanup. June-July. Pp 20-23.

USACE, 2002. U.S. Army Corps of Engineers, Soil Vapor Extraction and Bioventing, Engineer Manual, EM 1110-1-4001. June 2002.

USEPA, 2004. User's Guide for Evaluating Subsurface Vapor Intrusion Into Buildings, Office of Emergency and Remedial Response, February 24, 2004.

USEPA, 2009. Regional Screening Tables, http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/pdf/master_sl_table_run_APRIL2009.pdf

US EPA ARCHIVE DOCUMENT

APPENDIX C

PHOTOGRAPHIC LOGS

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 1	Photographer: J. Gadt	Date: 08-08-2009	Contract: EPA AES
	Direction: Northwest	Time:	Project No.: EPA009-033
Description: DPT drilling at SB-02 at the site of the former liquid fumigant AST.			

Photograph No.: 2	Photographer: P. Chase	Date: 08-08-2009	Contract: EPA AES
	Direction: West	Time:	Project No.: EPA009-033
Description: Soil core logging and PID screening at SB-02.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 3	Photographer: P. Chase	Date: 08/09/2009	Contract: EPA AES
	Direction: Northeast	Time:	Project No.: EPA009-033
Description: DPT soil sample from 70 to 75 feet bgs at SB-02.			

Photograph No.: 4	Photographer: J. Gadt	Date: 08/09/2009	Contract: EPA AES
	Direction: South	Time:	Project No.: EPA009-033
Description: DPT drilling at SB-13 beside the flat storage building.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 5	Photographer: J. Gadt	Date: 08/11/2009	Contract: EPA AES
	Direction: West	Time:	Project No.: EPA009-033
Description: DPT groundwater sampling at SB-29 located east of the scale house (in background).			

Photograph No.: 6	Photographer: J. Gadt	Date: 08/12/2009	Contract: EPA AES
	Direction: North	Time:	Project No.: EPA009-033
Description: DPT groundwater sampling at SB-09 located by the round storage bin.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 7	Photographer: J. Gadt	Date: 08/23/2009	Contract: EPA AES
	Direction: Southeast	Time:	Project No.: EPA009-034
Description: DPT groundwater drilling at TS2-05.			

Photograph No.: 8	Photographer: J. Gadt	Date: 08/23/2009	Contract: EPA AES
	Direction: North	Time:	Project No.: EPA009-034
Description: Setting up to drill at groundwater boring location TS2-06.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 9	Photographer: J. Gadt	Date: 09/02/2009	Contract: EPA AES
	Direction: Northwest	Time:	Project No.: EPA009-034
Description: DPT groundwater sampling at TS3-02.			

Photograph No.: 10	Photographer: Vironex	Date: 09/01/2009	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-034
Description: DPT groundwater sampling at TS3-04.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 11	Photographer: Vironex	Date: 09/01/2009	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-034
Description: Groundwater sample collection at TS3-04.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 12	Photographer: Vironex	Date: 09/01/2009	Contract: EPA AES
	Direction: South	Time:	Project No.: EPA009-034
Description: Decontamination of EC logging equipment.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 13	Photographer: J. Domling	Date: 12/18/2009	Contract: EPA AES
	Direction: West	Time:	Project No.: EPA009-034
Description: DPT EC logging at TS4-02.			

Photograph No.: 14	Photographer: J. Domling	Date: 12/18/2009	Contract: EPA AES
	Direction: North	Time:	Project No.: EPA009-033
Description: DPT groundwater sampling at SB-40.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

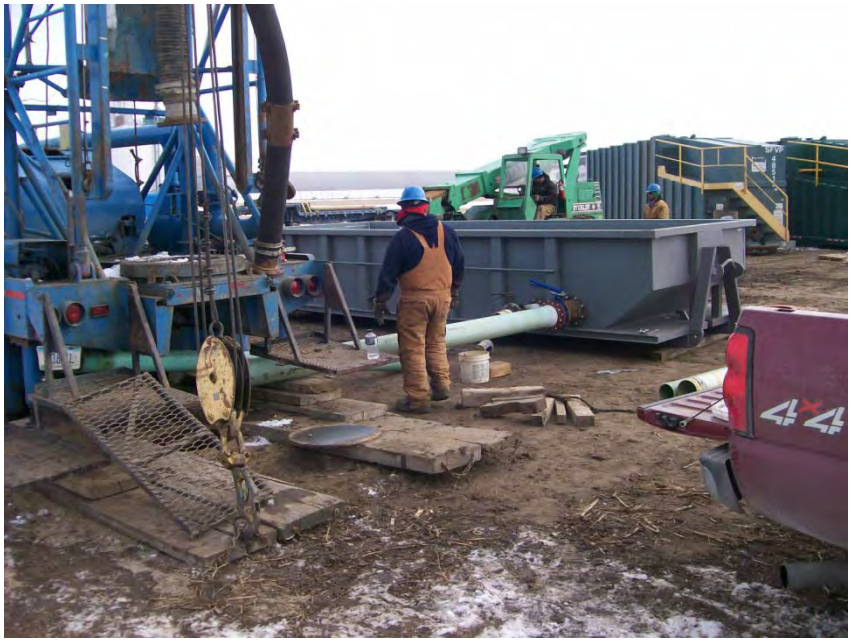
Photograph No.: 15	Photographer: J. Domling	Date: 12/16/2009	Contract: EPA AES
	Direction: Northwest	Time:	Project No.: EPA009-033
Description: Reverse circulation drilling rig setting up at HTW-40.			

Photograph No.: 16	Photographer: J. Domling	Date: 12/16/2009	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-033
Description: HTW-40 surface casing (20 feet long by 22 inches diameter).			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 17	Photographer: J. Domling	Date: 12/17/2009	Contract: EPA AES
	Direction: North	Time:	Project No.: EPA009-033
Description: Reverse circulation drilling rig set up at HTW-40.			



Photograph No.: 18	Photographer: J. Domling	Date: 12/17/2009	Contract: EPA AES
	Direction: Southeast	Time:	Project No.: EPA009-033
Description: Setting up recirculation pit at HTW-40 (Water storage tanks in the background).			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 19	Photographer: J. Domling	Date: 12/16/2009	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-033
Description: Well screen for HTW-40.			

Photograph No.: 20	Photographer: J. Gadt	Date: 01/15/2010	Contract: EPA AES
	Direction: North	Time:	Project No.: EPA009-033
Description: Drilling rig setup at HTW-40.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 21	Photographer: J. Gadt	Date: 01/15/2010	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-033
Description: Installing centralizers on well screen at HTW-40.			

Photograph No.: 22	Photographer: J. Gadt	Date: 01/15/2010	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-033
Description: Installing packer on well casing at HTW-40.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 23	Photographer: J. Gadt	Date: 01/15/2010	Contract: EPA AES
	Direction:	Time:	Project No.: EPA009-033
Description: Lowering well casing and screen into borehole at HTW-40.			

Photograph No.: 24	Photographer: J. Gadt	Date: 01/27/2010	Contract: EPA AES
	Direction: Northeast	Time:	Project No.: EPA009-033
Description: Surging and pumping during development at HTW-40.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 25	Photographer: J. Gadt	Date: 04/13/2010	Contract: EPA AES
	Direction: Southeast	Time:	Project No.: EPA009-034
Description: Drilling at MW-46D1/D2.			

Photograph No.: 26	Photographer: J. Gadt	Date: 04/14/2010	Contract: EPA AES
	Direction: South	Time:	Project No.: EPA009-034
Description: Collecting split spoon samples at MW-46D1/D2.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 27	Photographer: J. Gadt	Date: 04/27/2010	Contract: EPA AES
	Direction: Northeast	Time:	Project No.: EPA009-034
Description: Drilling at MW-43D/E.			

Photograph No.: 28	Photographer: J. Gadt	Date: 05/25/2010	Contract: EPA AES
	Direction: Southwest	Time:	Project No.: EPA009-034
Description: Well development at MW-12D.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 29	Photographer: A. Rittgers	Date: 05/27/2010	Contract: EPA AES
	Direction: West	Time:	Project No.: EPA009-033
Description: Transferring drilling IDW from drums to roll-off bin at the staging area.			

Photograph No.: 30	Photographer: J. Gadt	Date: 06/04/2010	Contract: EPA AES
	Direction: East	Time:	Project No.: EPA009-033
Description: Solidifying IDW in roll-offs at the staging area.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 31	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: East	Time:	Project No.: EPA009-034
Description: MW-41D1/D2.			

Photograph No.: 32	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: East	Time:	Project No.: EPA009-034
Description: MW-42D/E.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 33	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: South	Time:	Project No.: EPA009-034
Description: MW-43D/E.			

Photograph No.: 34	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: West	Time:	Project No.: EPA009-034
Description: MW-44D/E.			

US EPA ARCHIVE DOCUMENT

Garvey Elevator Site
Hastings, Nebraska

Photograph No.: 35	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: East	Time:	Project No.: EPA009-034
Description: MW-45C/D.			

Photograph No.: 36	Photographer: J. Gadt	Date: 06/22/2010	Contract: EPA AES
	Direction: East	Time:	Project No.: EPA009-034
Description: MW-46D1/D2.			

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US EPA ARCHIVE DOCUMENT

APPENDIX D

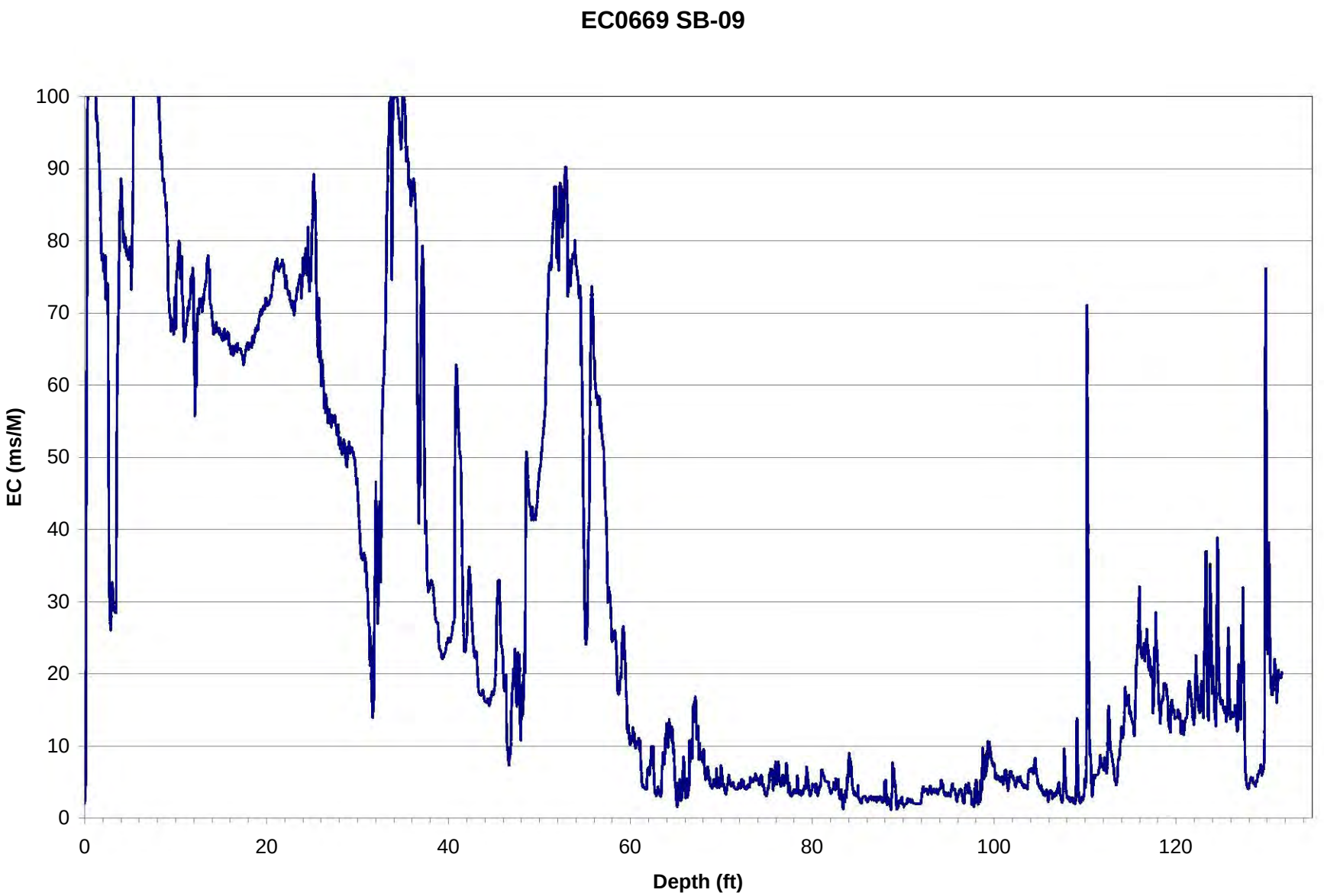
ELECTRICAL CONDUCTIVITY LOGS

DATA TABLES PROVIDED IN ELECTRONIC COPY ONLY

US EPA ARCHIVE DOCUMENT

ELECTRICAL CONDUCTIVITY LOGS

US EPA ARCHIVE DOCUMENT



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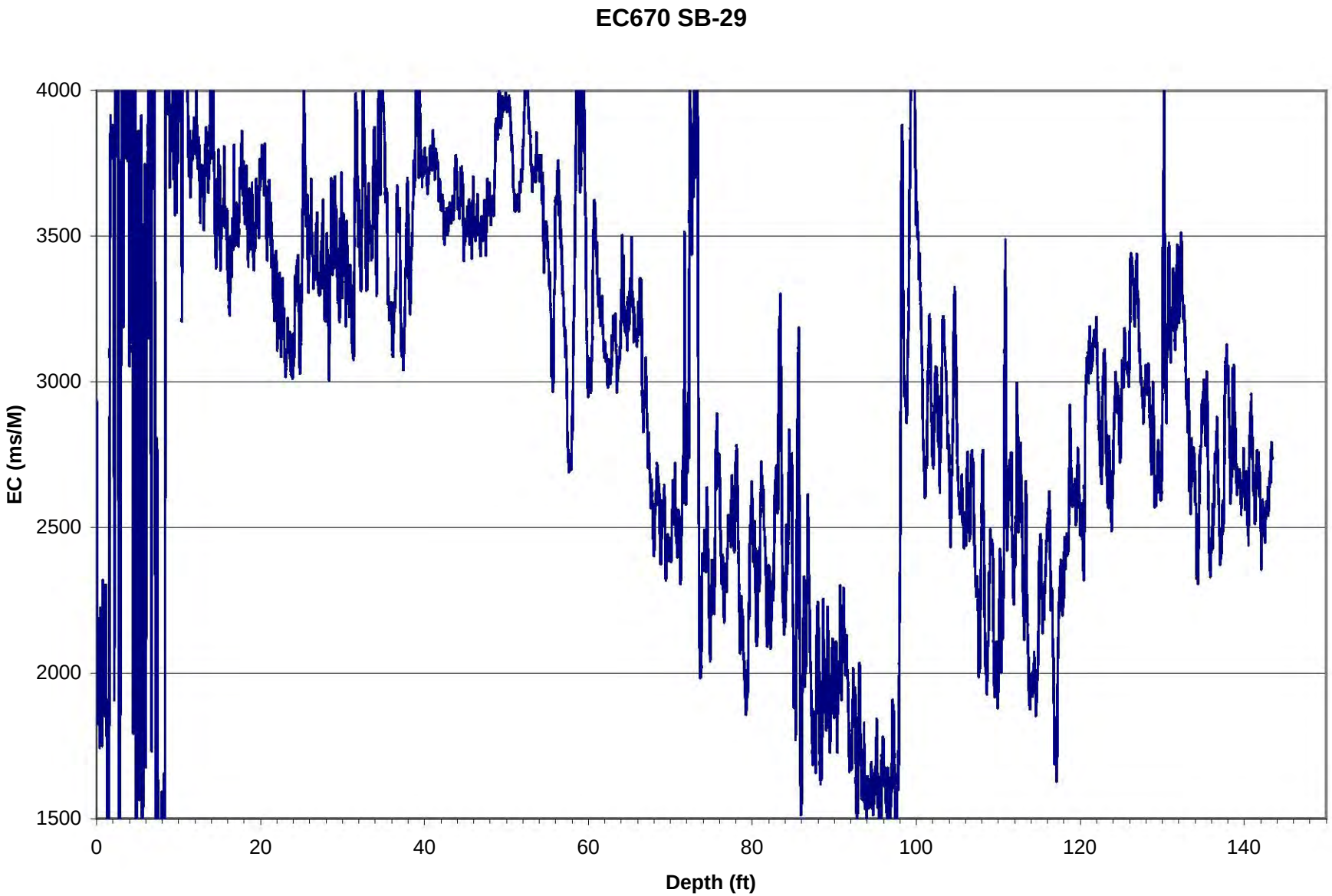

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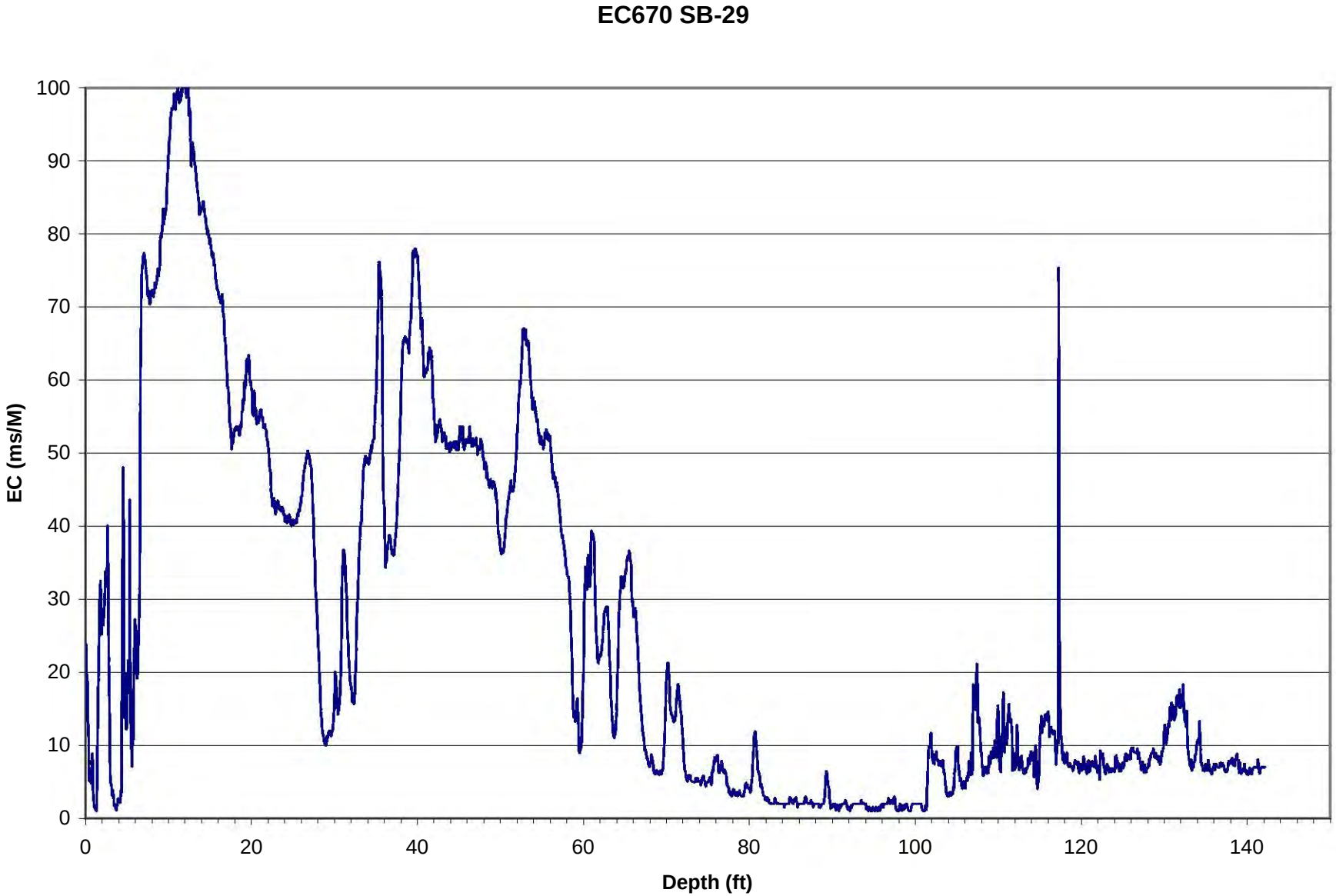

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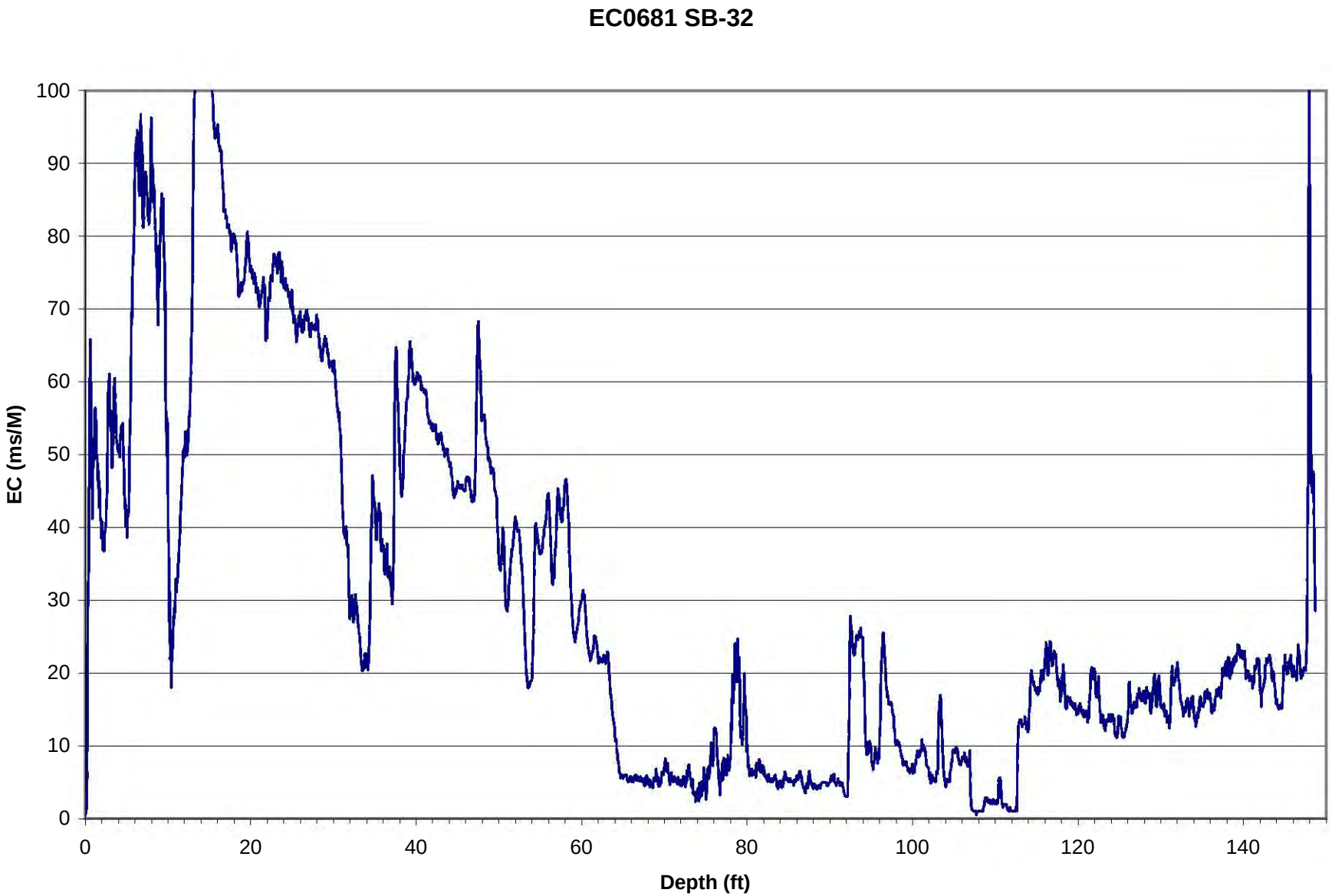

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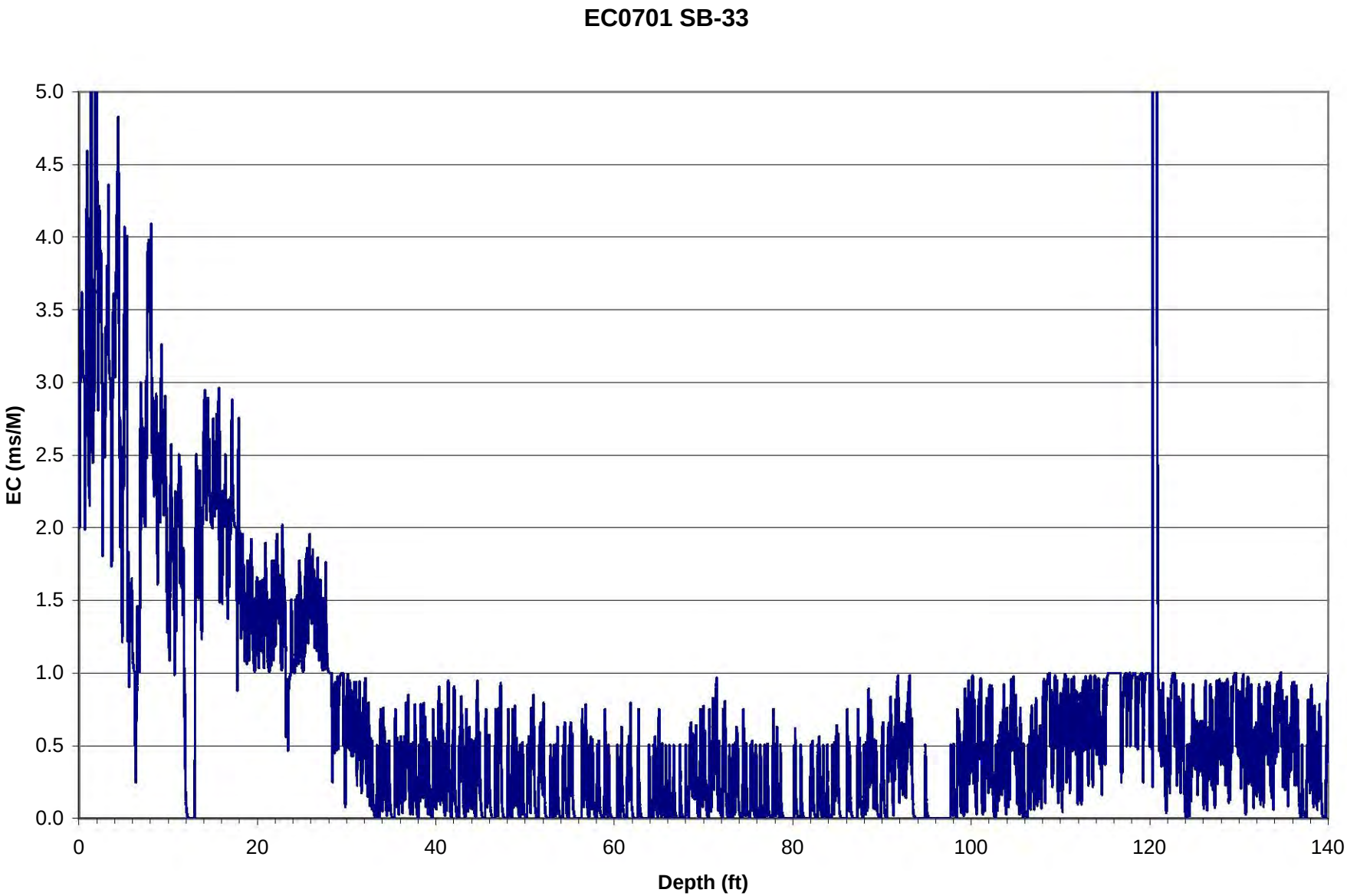

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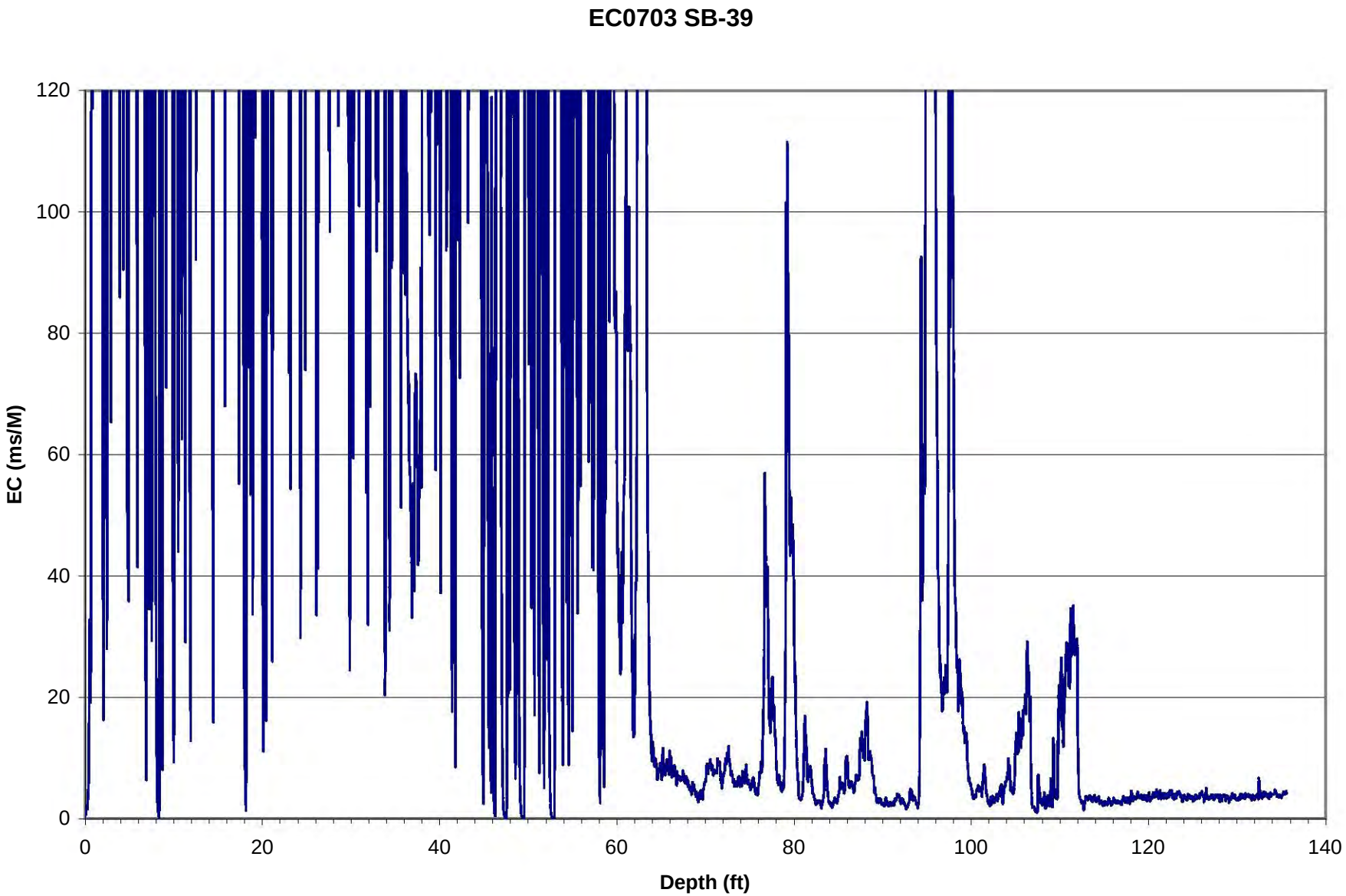

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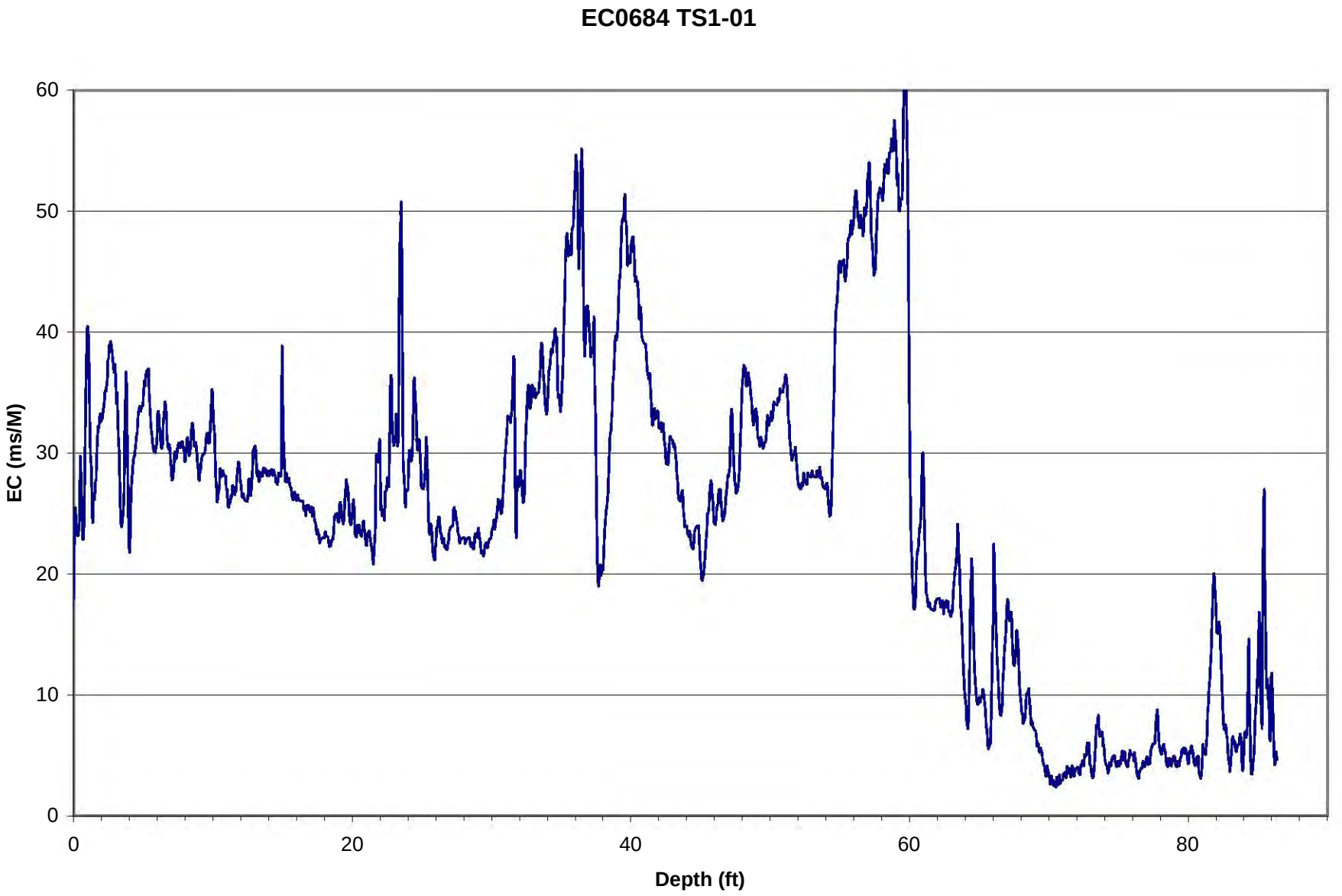

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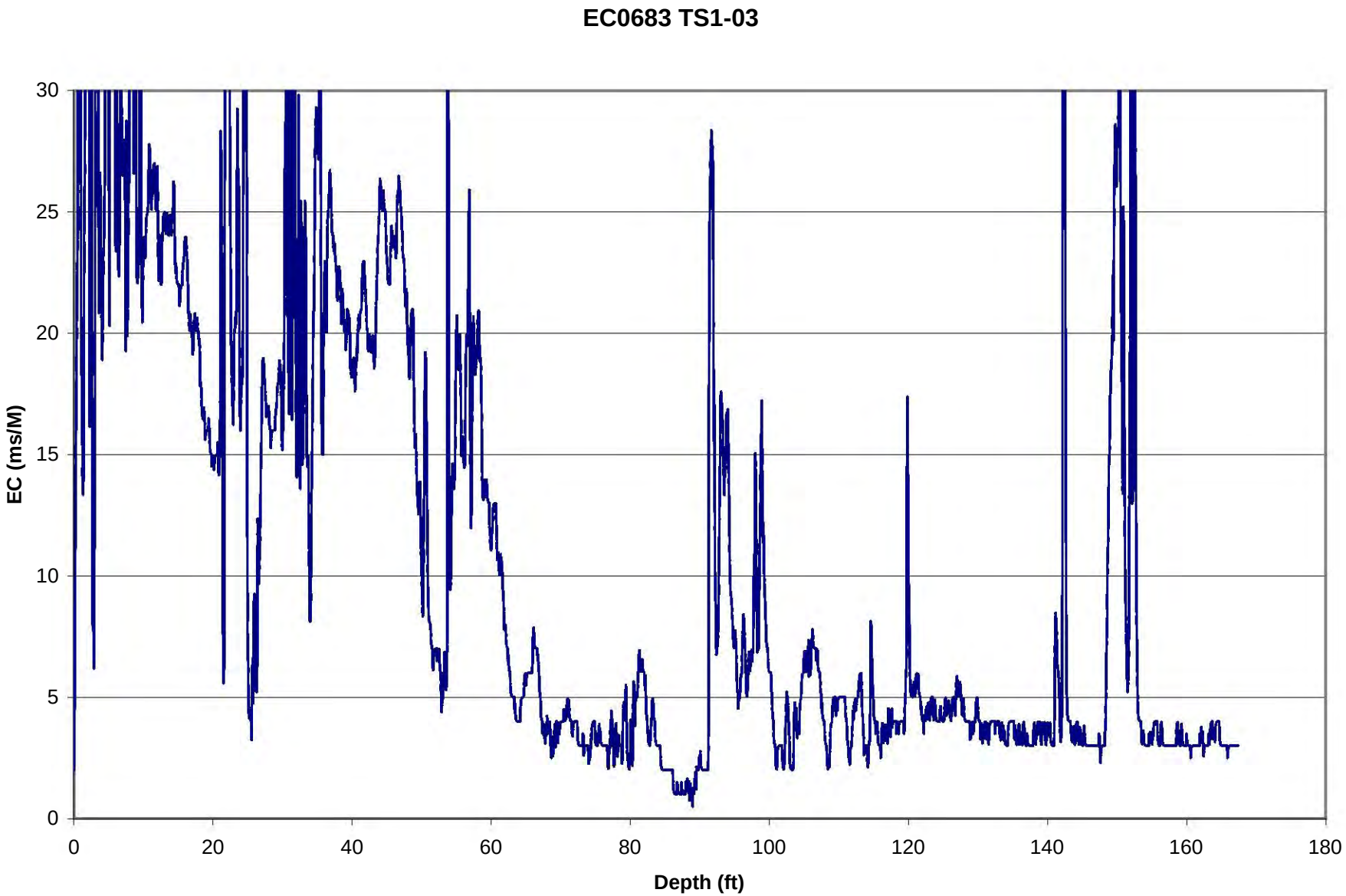

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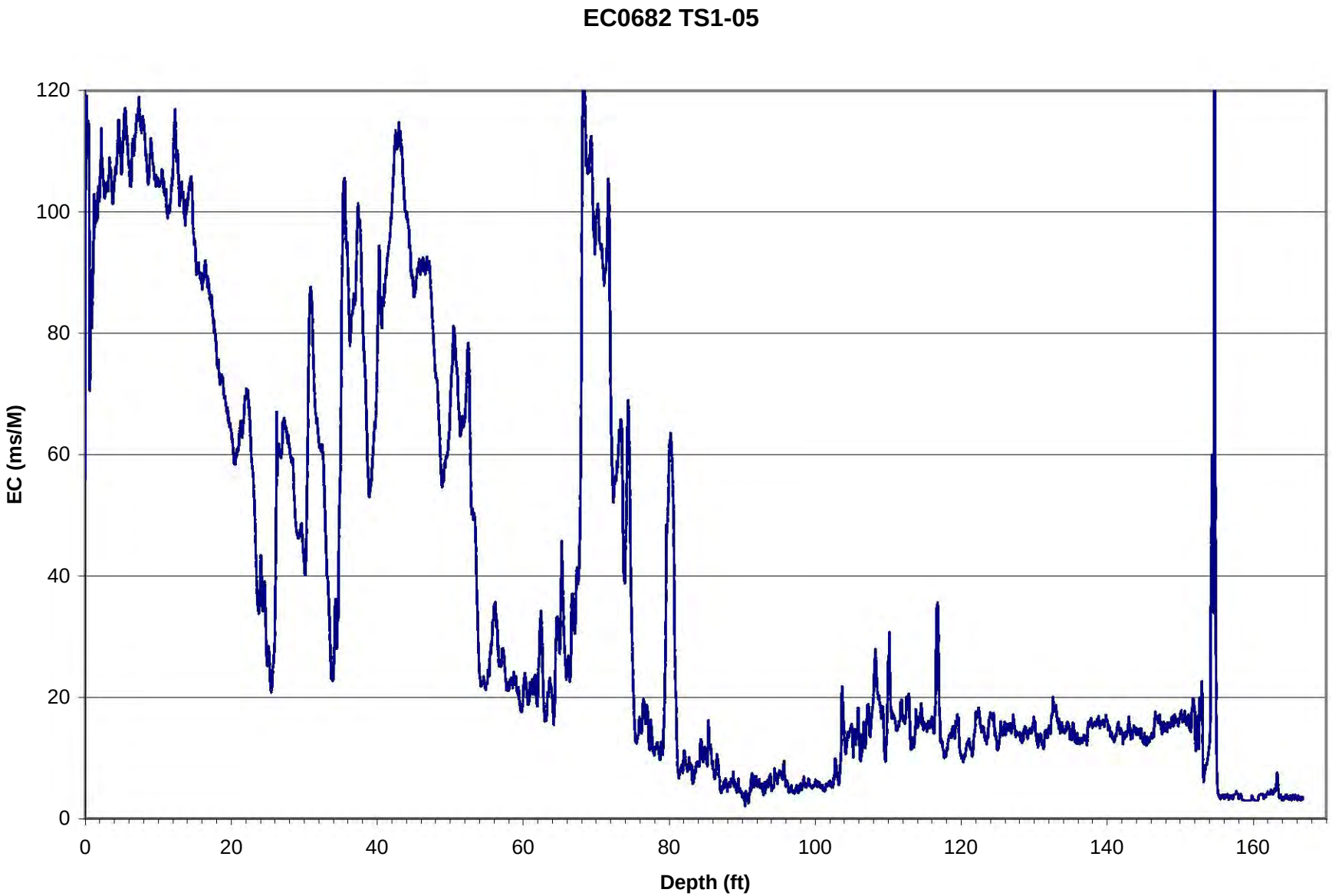

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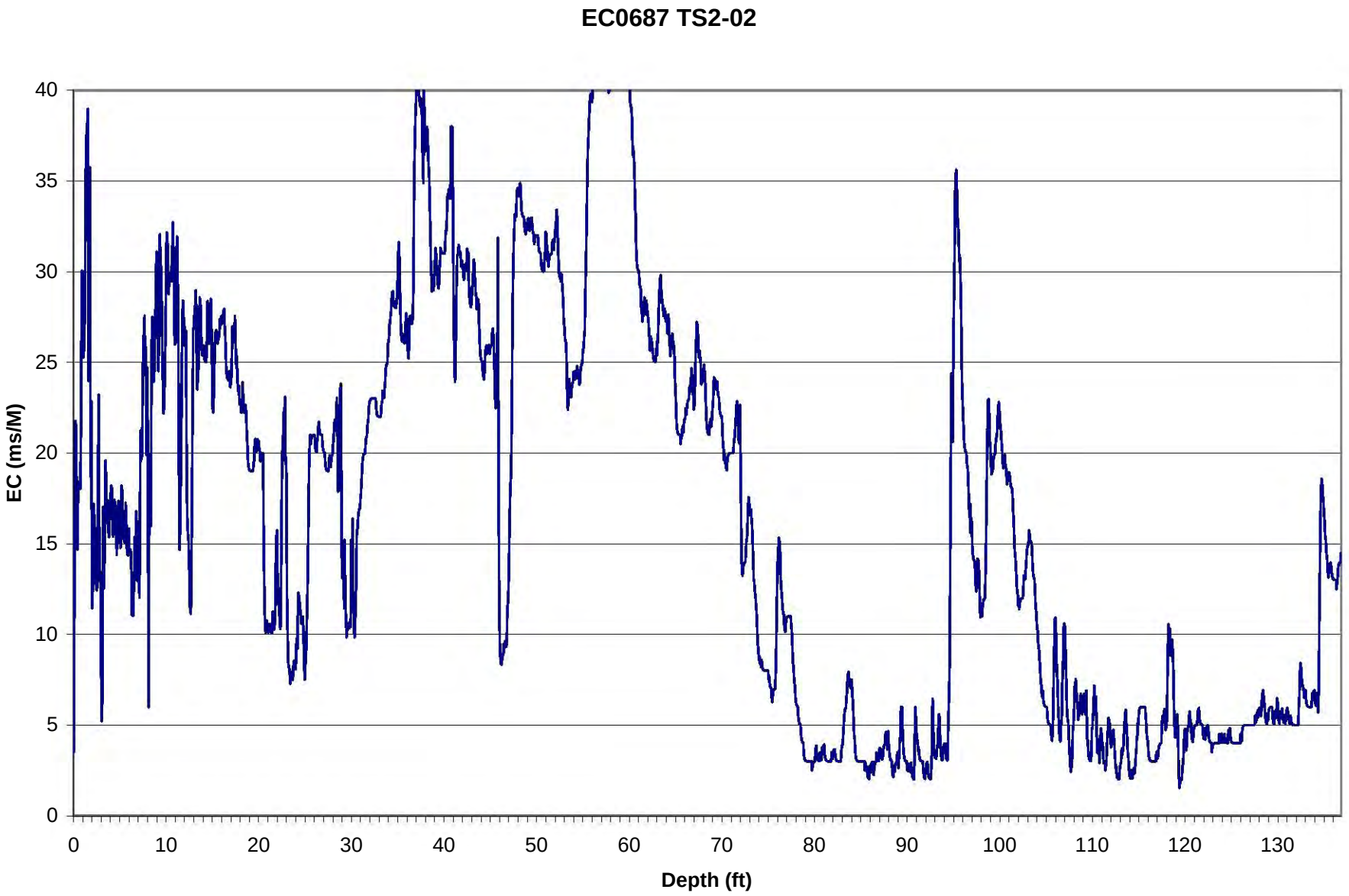

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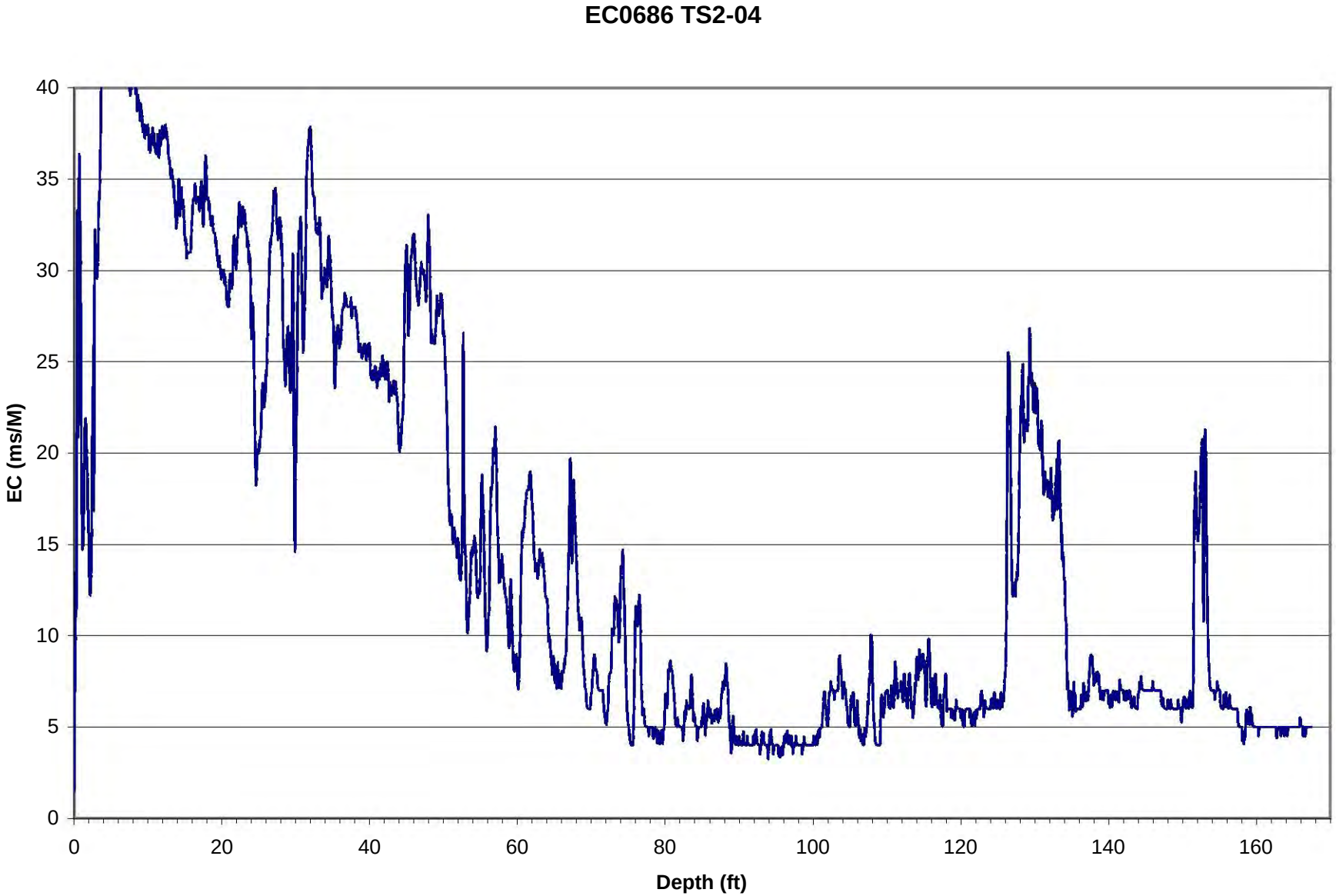

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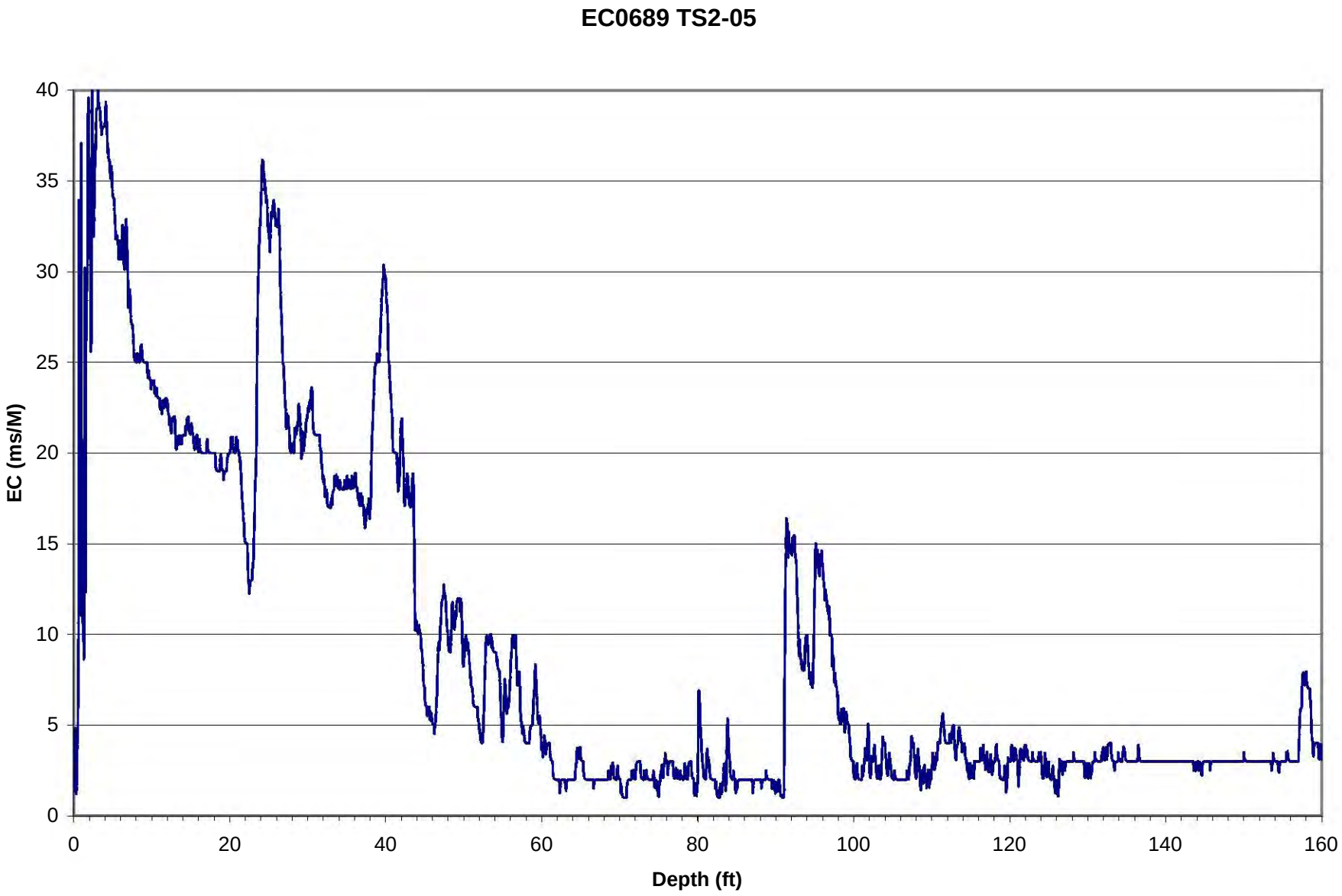

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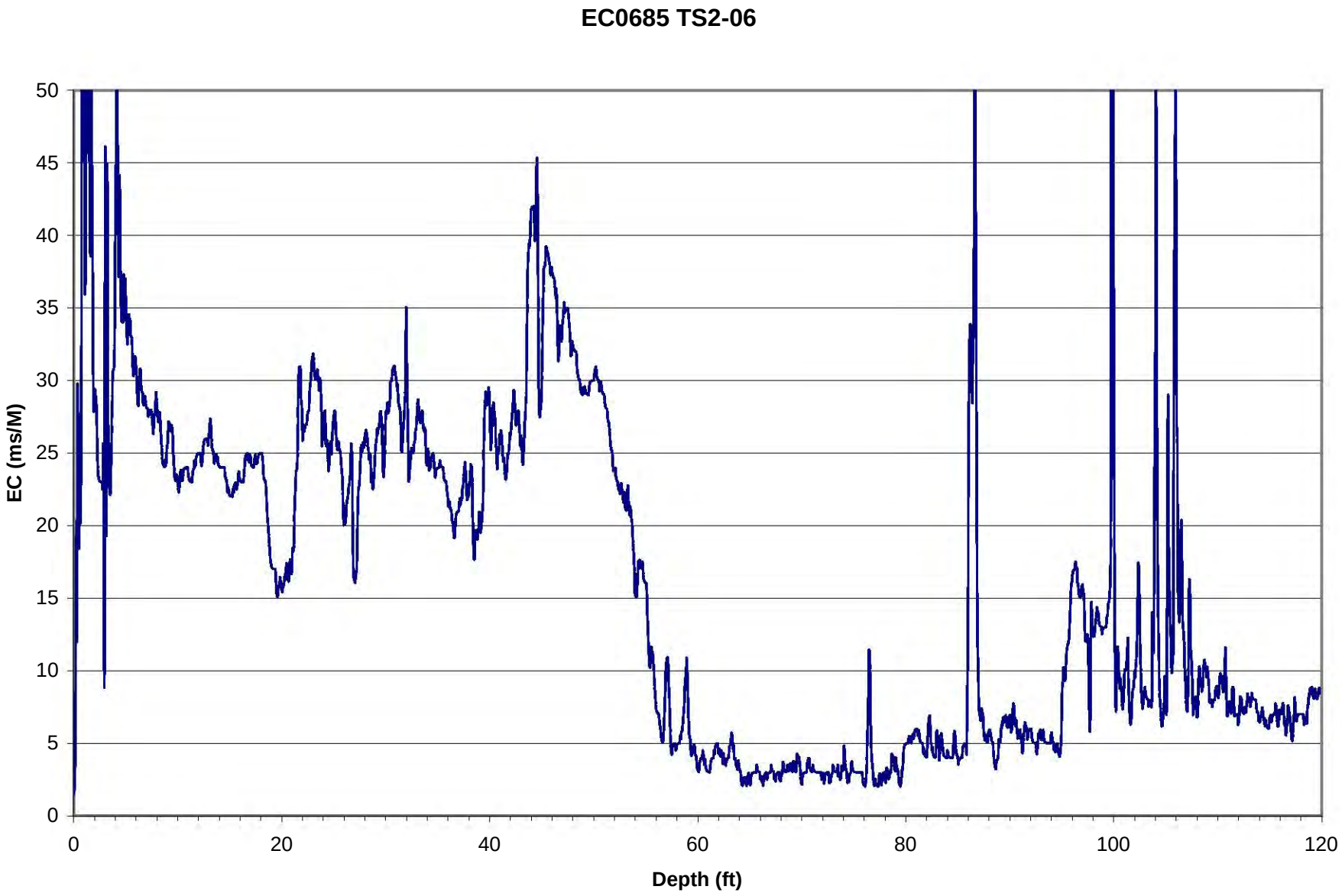

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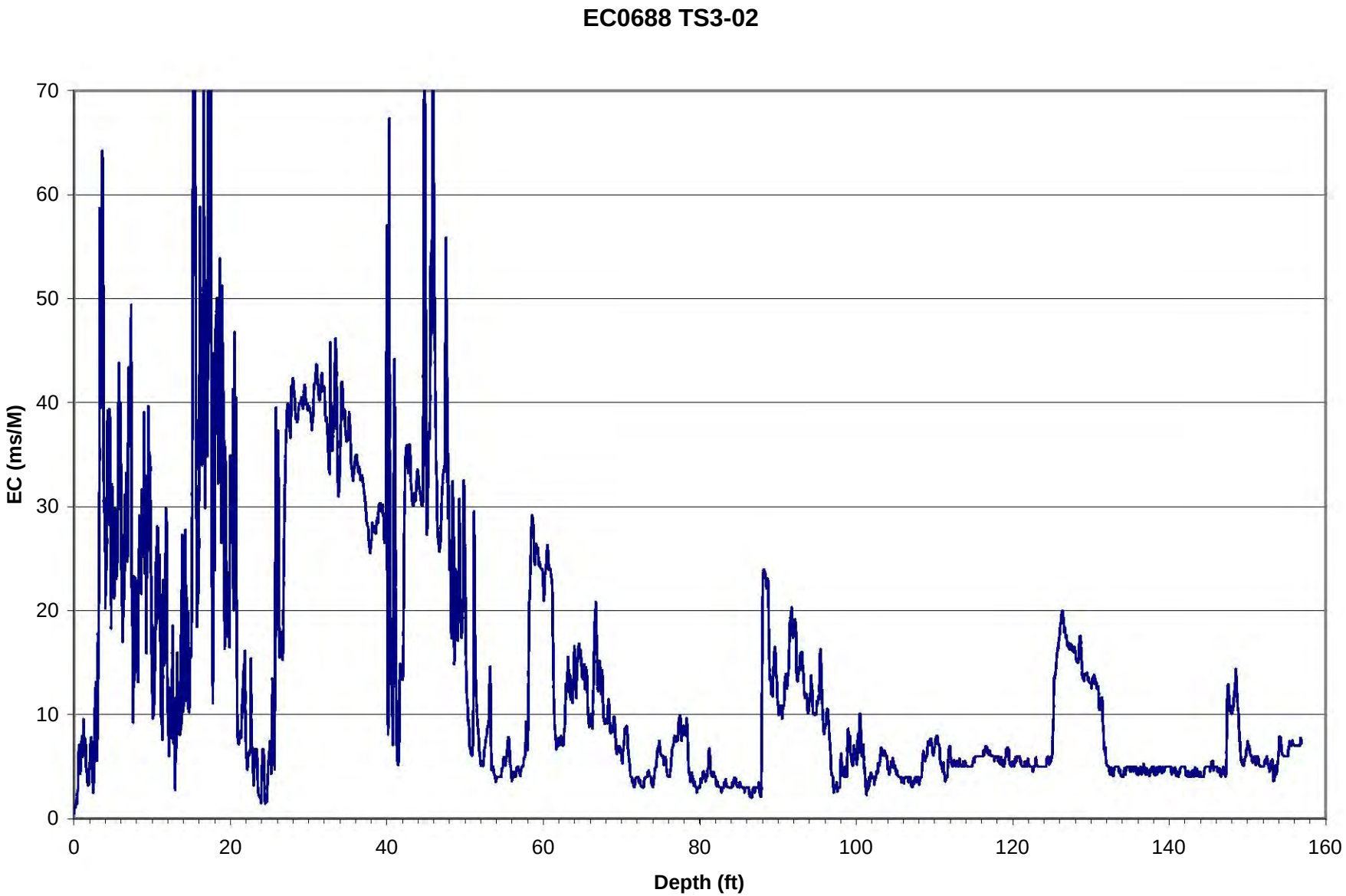

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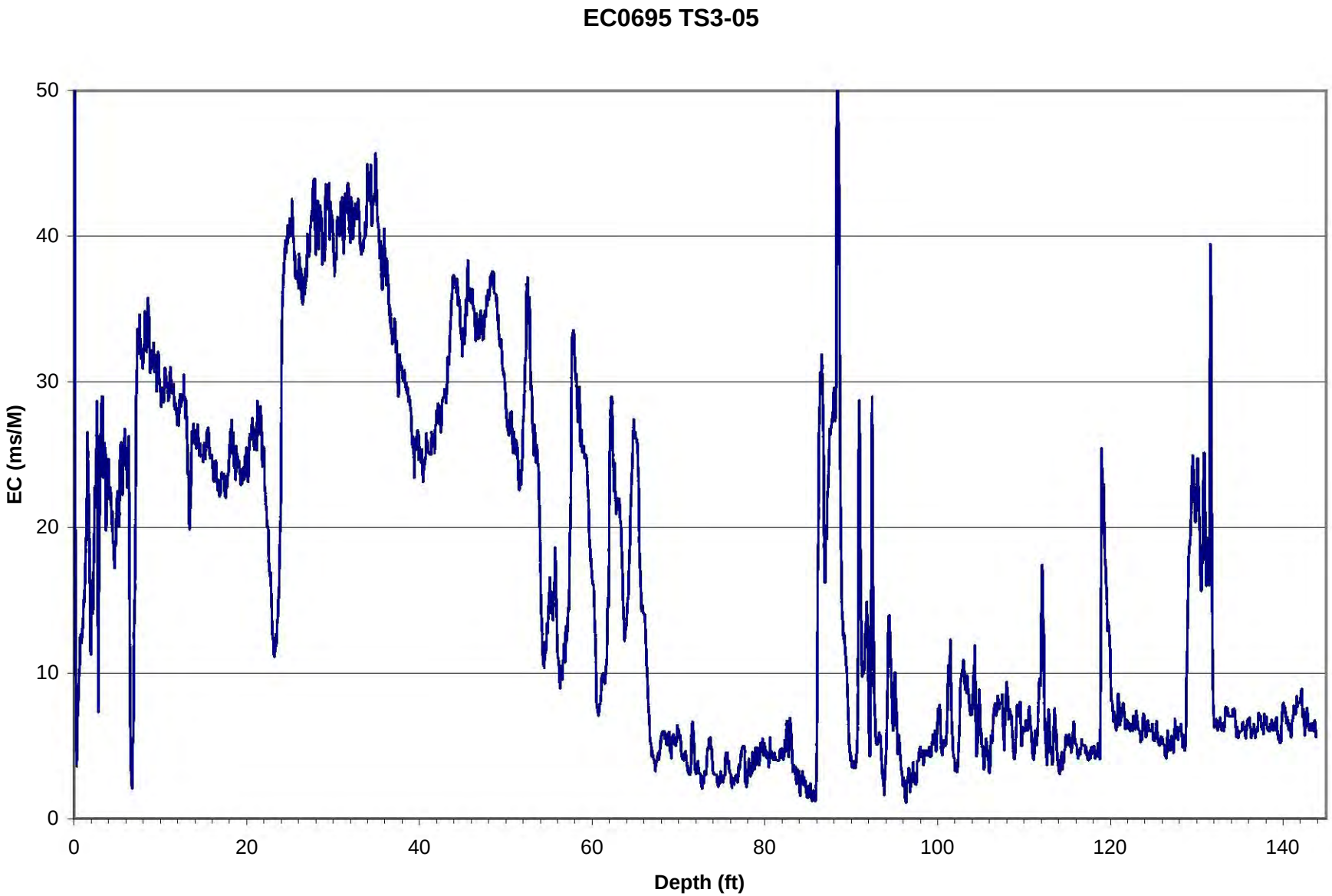

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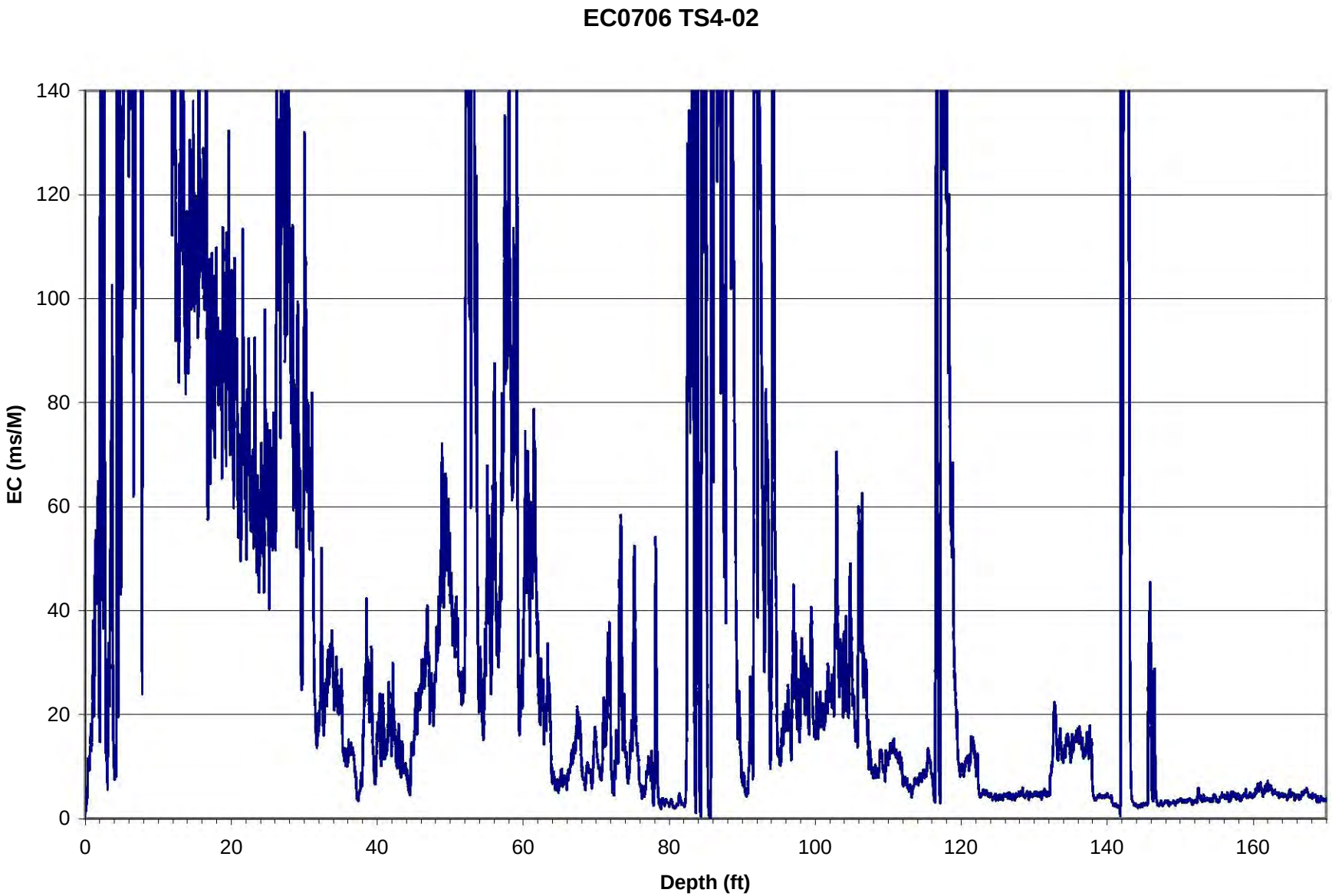

US EPA ARCHIVE DOCUMENT

Electrical Conductivity Log Data Tables

Material Provided in Electronic Copy Only

US EPA ARCHIVE DOCUMENT

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 01:24

LOG END DEPTH: 131.604 FEET

LOG END TIME: Fri Jun 06 2008 02:38

US EPA ARCHIVE DOCUMENT

SB-09

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	2	5.47	0	1.67
0.05	3.5	4.91	0.015	1.5
0.1	6.25	6.43	0.03	1.96
0.15	38.62	6.31	0.046	1.92
0.2	51.31	7.03	0.061	2.14
0.25	72.16	6.43	0.076	1.96
0.3	97.58	6.59	0.091	2.01
0.35	100.79	7.53	0.107	2.3
0.4	111.39	7.51	0.122	2.29
0.45	111.7	7.73	0.137	2.36
0.5	115.35	8.09	0.152	2.46
0.55	111.67	7.35	0.168	2.24
0.6	111.34	6.12	0.183	1.86
0.65	108.67	6.37	0.198	1.94
0.7	109.83	5.8	0.213	1.77
0.75	109.92	5.99	0.229	1.83
0.8	107.96	5.42	0.244	1.65
0.85	106.48	6.46	0.259	1.97
0.9	105.24	6	0.274	1.83
0.95	105.12	6.79	0.29	2.07
1	104.06	6.65	0.305	2.03
1.05	102.53	6.57	0.32	2
1.1	102.76	7.26	0.335	2.21
1.15	101.38	6.94	0.351	2.11
1.2	99.19	7.17	0.366	2.18
1.25	97.1	6.87	0.381	2.09
1.3	96.55	7.86	0.396	2.4
1.35	97.27	7.8	0.411	2.38
1.4	95.14	7.6	0.427	2.32
1.45	93.57	7.76	0.442	2.37
1.5	93.28	7.75	0.457	2.36
1.55	91.14	8.83	0.472	2.69
1.6	90.57	8.4	0.488	2.56
1.65	87.79	8.6	0.503	2.62
1.7	86.39	8.18	0.518	2.49
1.75	83.2	8.04	0.533	2.45
1.8	79.1	7.14	0.549	2.17
1.85	77.55	8.29	0.564	2.53
1.9	77.27	7.59	0.579	2.31
1.95	78.14	7.27	0.594	2.21
2	77.57	7.34	0.61	2.24
2.05	75.78	7.75	0.625	2.36
2.1	77.89	7.49	0.64	2.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.15	76.45	7.46	0.655	2.27
2.2	74.72	7.36	0.671	2.24
2.25	77.86	7.82	0.686	2.38
2.3	71.93	7.75	0.701	2.36
2.35	73.97	7.19	0.716	2.19
2.4	73.98	7.04	0.732	2.14
2.45	71.99	7.36	0.747	2.24
2.5	74	7.36	0.762	2.24
2.55	70	7.35	0.777	2.24
2.6	51	4.09	0.792	1.25
2.65	40.5	3.72	0.808	1.14
2.7	33.25	10.68	0.823	3.26
2.75	29.12	7.29	0.838	2.22
2.8	27.06	8.32	0.853	2.54
2.85	26.03	11.53	0.869	3.51
2.9	28.02	5.49	0.884	1.67
2.95	30.51	5.55	0.899	1.69
3	32.25	6.37	0.914	1.94
3.05	32.63	7.57	0.93	2.31
3.1	31.31	7.44	0.945	2.27
3.15	29.66	8.68	0.96	2.65
3.2	28.83	8.8	0.975	2.68
3.25	28.91	9.5	0.991	2.9
3.3	28.46	6.87	1.006	2.09
3.35	28.73	8.35	1.021	2.55
3.4	28.86	7.45	1.036	2.27
3.45	28.43	8.51	1.052	2.59
3.5	48.22	8.27	1.067	2.52
3.55	57.61	7.89	1.082	2.41
3.6	63.3	9.78	1.097	2.98
3.65	67.65	8.6	1.113	2.62
3.7	71.33	8.86	1.128	2.7
3.75	76.16	9.52	1.143	2.9
3.8	79.08	8.68	1.158	2.65
3.85	83.54	9.69	1.173	2.95
3.9	85.27	8.52	1.189	2.6
3.95	86.14	9.75	1.204	2.97
4	88.57	8.35	1.219	2.54
4.05	86.28	8.71	1.234	2.66
4.1	84.64	9.79	1.25	2.98
4.15	84.32	12.19	1.265	3.71
4.2	81.66	11.14	1.28	3.39
4.25	79.83	13.76	1.295	4.2
4.3	80.92	13.23	1.311	4.03
4.35	79.96	14.13	1.326	4.31
4.4	78.98	10.9	1.341	3.32
4.45	80.49	11.27	1.356	3.44
4.5	79.74	11.77	1.372	3.59
4.55	78.87	11.14	1.387	3.4
4.6	77.94	11.65	1.402	3.55
4.65	77.97	10.65	1.417	3.25
4.7	78.48	9.58	1.433	2.92
4.75	78.74	8.89	1.448	2.71
4.8	77.37	8.85	1.463	2.7
4.85	78.69	9.64	1.478	2.94
4.9	78.34	9.53	1.494	2.91
4.95	79.17	9.52	1.509	2.9
5	79.09	9.09	1.524	2.77
5.05	76.54	10.1	1.539	3.08
5.1	73.27	9.67	1.554	2.95
5.15	75.14	10.27	1.57	3.13
5.2	78.57	13.5	1.585	4.11

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.25	82.28	14.07	1.6	4.29
5.3	88.14	15.38	1.615	4.69
5.35	106.07	16.63	1.631	5.07
5.4	123.54	18.19	1.646	5.55
5.45	132.27	16.72	1.661	5.1
5.5	142.63	17.61	1.676	5.37
5.55	147.32	16.44	1.692	5.01
5.6	150.16	12.64	1.707	3.85
5.65	153.58	11.3	1.722	3.45
5.7	153.79	11.85	1.737	3.61
5.75	151.89	11.49	1.753	3.5
5.8	151.45	13.31	1.768	4.06
5.85	148.22	12.15	1.783	3.7
5.9	145.11	10.79	1.798	3.29
5.95	145.06	10.63	1.814	3.24
6	143.03	10.88	1.829	3.32
6.05	139.51	10.32	1.844	3.15
6.1	139.26	10.71	1.859	3.26
6.15	137.13	9.89	1.875	3.01
6.2	135.56	9.44	1.89	2.88
6.25	137.28	9.82	1.905	2.99
6.3	135.64	10.34	1.92	3.15
6.35	135.32	9.2	1.935	2.81
6.4	136.16	10	1.951	3.05
6.45	135.08	9.81	1.966	2.99
6.5	133.04	10.24	1.981	3.12
6.55	132.52	10.18	1.996	3.1
6.6	131.76	10.19	2.012	3.11
6.65	129.38	10.38	2.027	3.16
6.7	132.19	10.02	2.042	3.05
6.75	130.1	9.95	2.057	3.03
6.8	127.55	9.36	2.073	2.85
6.85	129.77	8.54	2.088	2.6
6.9	128.89	6.87	2.103	2.09
6.95	127.44	6	2.118	1.83
7	125.72	5.42	2.134	1.65
7.05	125.86	4.75	2.149	1.45
7.1	125.43	4.59	2.164	1.4
7.15	122.22	5.16	2.179	1.57
7.2	121.11	4.49	2.195	1.37
7.25	120.05	4.14	2.21	1.26
7.3	117.03	4.57	2.225	1.39
7.35	114.01	4.11	2.24	1.25
7.4	112.01	3	2.256	0.91
7.45	110	2.57	2.271	0.78
7.5	109	3.34	2.286	1.02
7.55	107.5	5.05	2.301	1.54
7.6	108.25	3.17	2.316	0.97
7.65	107.13	3.37	2.332	1.03
7.7	106.06	9.53	2.347	2.91
7.75	105.53	5.34	2.362	1.63
7.8	104.27	3.85	2.377	1.17
7.85	104.13	4.41	2.393	1.35
7.9	102.57	6.91	2.408	2.11
7.95	101.28	6.38	2.423	1.95
8	101.64	5.89	2.438	1.79
8.05	101.32	6.86	2.454	2.09
8.1	99.16	10.62	2.469	3.24
8.15	100.08	8.48	2.484	2.58
8.2	97.04	8.73	2.499	2.66
8.25	96.02	10.52	2.515	3.21
8.3	93.51	7.57	2.53	2.31

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8.35	91.26	5.5	2.545	1.68
8.4	92.13	9.2	2.56	2.8
8.45	92.06	9.66	2.576	2.94
8.5	91.03	6.14	2.591	1.87
8.55	88.52	7.94	2.606	2.42
8.6	88.26	7.45	2.621	2.27
8.65	88.63	5.92	2.637	1.81
8.7	87.81	4.75	2.652	1.45
8.75	86.91	5.59	2.667	1.7
8.8	86.45	5.7	2.682	1.74
8.85	86.23	6.72	2.697	2.05
8.9	84.61	5.07	2.713	1.55
8.95	85.31	8.85	2.728	2.7
9	83.65	6.55	2.743	1.99
9.05	80.33	5.29	2.758	1.61
9.1	79.16	5.34	2.774	1.63
9.15	74.58	5.56	2.789	1.69
9.2	72.29	7.38	2.804	2.25
9.25	71.65	6.88	2.819	2.1
9.3	70.82	8.45	2.835	2.57
9.35	69.41	8.6	2.85	2.62
9.4	69.71	7.79	2.865	2.37
9.45	68.85	8.2	2.88	2.5
9.5	67.43	8.42	2.896	2.57
9.55	69.21	6.96	2.911	2.12
9.6	68.11	8.49	2.926	2.59
9.65	68.05	8.99	2.941	2.74
9.7	69.03	5.82	2.957	1.77
9.75	67.01	9.38	2.972	2.86
9.8	68.51	6.87	2.987	2.1
9.85	69.25	7	3.002	2.13
9.9	72.13	7.93	3.018	2.42
9.95	68.56	8.45	3.033	2.58
10	67.78	7.9	3.048	2.41
10.05	73.39	8.01	3.063	2.44
10.1	75.7	8.52	3.078	2.6
10.15	75.85	8.03	3.094	2.45
10.2	76.92	6.51	3.109	1.98
10.25	76.46	8.16	3.124	2.49
10.3	78.73	6.09	3.139	1.85
10.35	79.87	6.37	3.155	1.94
10.4	79.93	10.8	3.17	3.29
10.45	76.47	8.62	3.185	2.63
10.5	74.73	8.14	3.2	2.48
10.55	76.37	9.84	3.216	3
10.6	77.68	13.33	3.231	4.06
10.65	77.84	11.27	3.246	3.43
10.7	72.92	11.11	3.261	3.39
10.75	71.96	10	3.277	3.05
10.8	70.98	13.37	3.292	4.08
10.85	67.99	10.44	3.307	3.18
10.9	66	9.56	3.322	2.91
10.95	67.5	9.7	3.338	2.96
11	67.25	8.56	3.353	2.61
11.05	66.62	9.12	3.368	2.78
11.1	67.81	7.23	3.383	2.2
11.15	68.41	7.81	3.399	2.38
11.2	68.7	8.21	3.414	2.5
11.25	68.85	8.64	3.429	2.63
11.3	69.43	9.03	3.444	2.75
11.35	70.71	9.21	3.459	2.81
11.4	70.86	8.62	3.475	2.63

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.45	70.43	8.37	3.49	2.55
11.5	71.71	8.25	3.505	2.51
11.55	71.86	9.15	3.52	2.79
11.6	71.93	10.73	3.536	3.27
11.65	73.96	8.7	3.551	2.65
11.7	74.98	9.42	3.566	2.87
11.75	74.99	9.64	3.581	2.94
11.8	74.5	9.83	3.597	3
11.85	76.25	10.55	3.612	3.22
11.9	74.62	10.44	3.627	3.18
11.95	74.81	9.87	3.642	3.01
12	65.91	8.02	3.658	2.45
12.05	68.45	8.94	3.673	2.73
12.1	55.73	8.23	3.688	2.51
12.15	64.36	7.6	3.703	2.32
12.2	62.68	7.47	3.719	2.28
12.25	59.84	8.05	3.734	2.46
12.3	65.92	7.87	3.749	2.4
12.35	68.46	6.96	3.764	2.12
12.4	69.73	6.98	3.78	2.13
12.45	70.37	6.9	3.795	2.1
12.5	70.68	6.97	3.81	2.13
12.55	69.84	5.92	3.825	1.8
12.6	71.92	0	3.84	0
12.65	71.96	1.41	3.856	0.43
12.7	71.98	7.1	3.871	2.16
12.75	71.49	4.97	3.886	1.52
12.8	71.75	5.65	3.901	1.72
12.85	71.37	6.15	3.917	1.87
12.9	70.19	7.74	3.932	2.36
12.95	70.59	7.73	3.947	2.36
13	71.8	8.9	3.962	2.71
13.05	72.4	6.44	3.978	1.96
13.1	71.7	7	3.993	2.13
13.15	73.35	7.46	4.008	2.27
13.2	73.17	8.29	4.023	2.53
13.25	74.09	9.4	4.039	2.86
13.3	74.04	8	4.054	2.44
13.35	74.52	9.66	4.069	2.94
13.4	76.76	7.05	4.084	2.15
13.45	76.88	8.79	4.1	2.68
13.5	76.94	6.31	4.115	1.92
13.55	77.97	7.29	4.13	2.22
13.6	75.99	8.54	4.145	2.6
13.65	75.99	6.97	4.161	2.13
13.7	76	6.94	4.176	2.11
13.75	72.5	7.23	4.191	2.2
13.8	71.25	7.54	4.206	2.3
13.85	71.12	7.39	4.221	2.25
13.9	71.06	7.68	4.237	2.34
13.95	70.03	8.34	4.252	2.54
14	69.52	8.3	4.267	2.53
14.05	68.26	8.9	4.282	2.71
14.1	68.13	7.58	4.298	2.31
14.15	67.06	9.77	4.313	2.98
14.2	67.03	8.5	4.328	2.59
14.25	67.52	7.44	4.343	2.27
14.3	68.26	8.91	4.359	2.72
14.35	67.63	11.01	4.374	3.36
14.4	67.31	8.76	4.389	2.67
14.45	68.66	8.67	4.404	2.64
14.5	67.83	8.29	4.42	2.53

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.55	67.91	7.05	4.435	2.15
14.6	67.46	9.73	4.45	2.97
14.65	67.73	8.41	4.465	2.56
14.7	67.86	7.72	4.481	2.35
14.75	67.93	9.58	4.496	2.92
14.8	66.97	9.99	4.511	3.05
14.85	67.48	7.77	4.526	2.37
14.9	67.24	9.41	4.542	2.87
14.95	67.12	9.85	4.557	3
15	67.06	9.96	4.572	3.04
15.05	66.53	10.91	4.587	3.32
15.1	66.27	10.87	4.602	3.31
15.15	66.13	10.71	4.618	3.26
15.2	66.57	10.95	4.633	3.34
15.25	66.78	10.85	4.648	3.31
15.3	67.39	10.82	4.663	3.3
15.35	67.7	10.44	4.679	3.18
15.4	66.35	11.65	4.694	3.55
15.45	66.67	10.73	4.709	3.27
15.5	66.84	10.94	4.724	3.33
15.55	66.92	11.75	4.74	3.58
15.6	66.46	13.54	4.755	4.13
15.65	66.73	12	4.77	3.66
15.7	67.36	12.72	4.785	3.88
15.75	67.18	11.32	4.801	3.45
15.8	67.09	13.84	4.816	4.22
15.85	65.55	11.46	4.831	3.49
15.9	65.77	11.96	4.846	3.65
15.95	65.39	11.13	4.862	3.39
16	65.19	10.17	4.877	3.1
16.05	64.6	10.88	4.892	3.32
16.1	64.3	10.81	4.907	3.3
16.15	64.65	10.71	4.923	3.26
16.2	64.82	10.41	4.938	3.17
16.25	65.41	10.56	4.953	3.22
16.3	64.21	10.78	4.968	3.29
16.35	64.1	10.98	4.983	3.35
16.4	64.55	10.2	4.999	3.11
16.45	64.78	10.41	5.014	3.17
16.5	65.39	10.34	5.029	3.15
16.55	65.19	10.95	5.044	3.34
16.6	65.6	10.27	5.06	3.13
16.65	65.3	11.49	5.075	3.5
16.7	65.15	10.21	5.09	3.11
16.75	64.57	10.71	5.105	3.26
16.8	65.79	10.03	5.121	3.06
16.85	64.89	11.17	5.136	3.41
16.9	64.95	10.24	5.151	3.12
16.95	64.97	10.27	5.166	3.13
17	64.99	9.9	5.182	3.02
17.05	64.99	9.52	5.197	2.9
17.1	65	9.19	5.212	2.8
17.15	65	10.7	5.227	3.26
17.2	64.5	10.31	5.243	3.14
17.25	64.25	10.07	5.258	3.07
17.3	64.12	10.26	5.273	3.13
17.35	64.06	9.79	5.288	2.98
17.4	63.53	9.46	5.304	2.88
17.45	62.77	9.46	5.319	2.88
17.5	62.88	5.89	5.334	1.8
17.55	63.94	0	5.349	0
17.6	63.97	1.84	5.364	0.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.65	64.49	2.51	5.38	0.76
17.7	64.74	6.28	5.395	1.91
17.75	65.37	5.36	5.41	1.63
17.8	65.19	5.09	5.425	1.55
17.85	65.59	3.55	5.441	1.08
17.9	65.8	4.49	5.456	1.37
17.95	65.9	4.72	5.471	1.44
18	64.95	6.94	5.486	2.12
18.05	64.97	6.34	5.502	1.93
18.1	65.49	8.54	5.517	2.6
18.15	65.24	7.3	5.532	2.22
18.2	65.62	6.2	5.547	1.89
18.25	65.81	7.21	5.563	2.2
18.3	65.41	10.65	5.578	3.25
18.35	65.2	8.4	5.593	2.56
18.4	66.1	7.9	5.608	2.41
18.45	66.55	8.17	5.624	2.49
18.5	66.78	9.36	5.639	2.85
18.55	65.89	9.93	5.654	3.03
18.6	65.94	9	5.669	2.74
18.65	66.97	8.33	5.685	2.54
18.7	66.99	6.56	5.7	2
18.75	67.49	8.57	5.715	2.61
18.8	67.75	5.96	5.73	1.82
18.85	67.87	6.83	5.745	2.08
18.9	67.44	6.34	5.761	1.93
18.95	68.22	6.81	5.776	2.08
19	67.61	6.57	5.791	2
19.05	67.8	7.15	5.806	2.18
19.1	68.9	6.3	5.822	1.92
19.15	68.95	6.67	5.837	2.03
19.2	69.48	6.84	5.852	2.09
19.25	69.74	6.65	5.867	2.03
19.3	69.87	6.89	5.883	2.1
19.35	70.43	9.22	5.898	2.81
19.4	69.72	7.25	5.913	2.21
19.45	69.86	7.18	5.928	2.19
19.5	69.93	8.58	5.944	2.61
19.55	70.46	8.59	5.959	2.62
19.6	70.73	9.12	5.974	2.78
19.65	70.87	7.98	5.989	2.43
19.7	70.93	9.35	6.005	2.85
19.75	70.47	9.7	6.02	2.96
19.8	71.23	8.96	6.035	2.73
19.85	71.12	9.22	6.05	2.81
19.9	72.06	8.24	6.066	2.51
19.95	72.03	8.51	6.081	2.59
20	71.01	7.84	6.096	2.39
20.05	71.01	6.68	6.111	2.04
20.1	71	7.42	6.126	2.26
20.15	71.5	6.39	6.142	1.95
20.2	71.25	7.08	6.157	2.16
20.25	71.13	7.75	6.172	2.36
20.3	71.56	7.31	6.187	2.23
20.35	71.78	6.99	6.203	2.13
20.4	71.89	7.41	6.218	2.26
20.45	72.45	7.44	6.233	2.27
20.5	72.22	7.38	6.248	2.25
20.55	72.61	7.47	6.264	2.28
20.6	73.81	7.68	6.279	2.34
20.65	73.9	8.52	6.294	2.6
20.7	73.95	7.78	6.309	2.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.75	75.48	8.76	6.325	2.67
20.8	75.74	9.31	6.34	2.84
20.85	75.87	8.36	6.355	2.55
20.9	76.43	8.64	6.37	2.63
20.95	76.22	9.14	6.386	2.78
21	77.11	10.23	6.401	3.12
21.05	77.05	9.11	6.416	2.78
21.1	77.03	9.12	6.431	2.78
21.15	77.51	10.44	6.447	3.18
21.2	76.76	12.09	6.462	3.68
21.25	75.88	9.48	6.477	2.89
21.3	76.44	9.27	6.492	2.83
21.35	75.72	10.04	6.507	3.06
21.4	76.36	9.34	6.523	2.85
21.45	76.18	10.2	6.538	3.11
21.5	76.59	10.64	6.553	3.24
21.55	76.79	10.59	6.568	3.23
21.6	76.4	10.68	6.584	3.25
21.65	76.7	10.53	6.599	3.21
21.7	77.35	10.32	6.614	3.15
21.75	77.17	10.23	6.629	3.12
21.8	76.59	10.54	6.645	3.21
21.85	76.79	9.98	6.66	3.04
21.9	75.4	9.73	6.675	2.97
21.95	75.2	10.43	6.69	3.18
22	74.6	10.25	6.706	3.13
22.05	73.8	10.11	6.721	3.08
22.1	73.4	10.46	6.736	3.19
22.15	75.2	9.78	6.751	2.98
22.2	73.6	10.59	6.767	3.23
22.25	73.3	9.6	6.782	2.93
22.3	73.15	10.29	6.797	3.14
22.35	72.57	10.54	6.812	3.21
22.4	72.79	9.6	6.828	2.93
22.45	72.89	10.12	6.843	3.08
22.5	72.95	9.39	6.858	2.86
22.55	71.97	8.96	6.873	2.73
22.6	71.49	1.86	6.888	0.57
22.65	71.74	4.14	6.904	1.26
22.7	71.37	7.79	6.919	2.37
22.75	70.69	10.14	6.934	3.09
22.8	71.34	9.35	6.949	2.85
22.85	71.67	3.59	6.965	1.1
22.9	70.84	0.45	6.98	0.14
22.95	70.42	2.99	6.995	0.91
23	69.71	5.43	7.01	1.66
23.05	70.35	7.35	7.026	2.24
23.1	70.18	11.45	7.041	3.49
23.15	71.59	8.61	7.056	2.63
23.2	71.79	8.6	7.071	2.62
23.25	71.9	8.44	7.087	2.57
23.3	72.95	8.96	7.102	2.73
23.35	73.47	8.38	7.117	2.55
23.4	73.24	10.77	7.132	3.28
23.45	74.12	8.59	7.148	2.62
23.5	74.06	12.51	7.163	3.81
23.55	74.03	12.26	7.178	3.74
23.6	74.51	11.63	7.193	3.55
23.65	75.26	10.75	7.208	3.28
23.7	74.13	9.78	7.224	2.98
23.75	74.06	11.92	7.239	3.63
23.8	72.03	10.76	7.254	3.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.85	75.02	10.44	7.269	3.18
23.9	73.51	7.28	7.285	2.22
23.95	75.25	10.65	7.3	3.25
24	77.63	7.17	7.315	2.19
24.05	75.31	8.4	7.33	2.56
24.1	76.16	8.16	7.346	2.49
24.15	75.58	8.9	7.361	2.71
24.2	75.79	9.66	7.376	2.95
24.25	77.89	8.19	7.391	2.5
24.3	78.95	8.69	7.407	2.65
24.35	77.97	8.53	7.422	2.6
24.4	75.49	9.66	7.437	2.94
24.45	75.24	8.7	7.452	2.65
24.5	80.62	8.77	7.468	2.67
24.55	81.81	9.59	7.483	2.92
24.6	76.41	8.43	7.498	2.57
24.65	74.2	8.53	7.513	2.6
24.7	73.1	8.44	7.529	2.57
24.75	77.55	12.52	7.544	3.82
24.8	75.78	9.9	7.559	3.02
24.85	74.89	11.24	7.574	3.43
24.9	74.44	10.38	7.589	3.16
24.95	80.72	10.42	7.605	3.18
25	81.36	9.57	7.62	2.92
25.05	83.68	9.53	7.635	2.91
25.1	86.34	8.9	7.65	2.71
25.15	89.17	10.8	7.666	3.29
25.2	86.59	9.4	7.681	2.86
25.25	86.29	8.39	7.696	2.56
25.3	86.65	9.28	7.711	2.83
25.35	84.32	7.59	7.727	2.31
25.4	80.66	9.25	7.742	2.82
25.45	74.83	7.91	7.757	2.41
25.5	70.92	8.51	7.772	2.6
25.55	67.46	8.2	7.788	2.5
25.6	66.23	7.95	7.803	2.42
25.65	64.11	8.5	7.818	2.59
25.7	71.06	8.3	7.833	2.53
25.75	72.03	7.52	7.849	2.29
25.8	68.51	7.73	7.864	2.36
25.85	63.26	7.46	7.879	2.27
25.9	64.63	7.22	7.894	2.2
25.95	61.81	7.33	7.91	2.23
26	59.91	9.46	7.925	2.88
26.05	63.45	8.37	7.94	2.55
26.1	61.73	7.87	7.955	2.4
26.15	62.86	7.43	7.97	2.27
26.2	60.93	9.09	7.986	2.77
26.25	59.97	7.73	8.001	2.36
26.3	57.48	7.92	8.016	2.41
26.35	56.74	7.29	8.031	2.22
26.4	57.37	7.5	8.047	2.29
26.45	56.19	7.41	8.062	2.26
26.5	58.59	8.11	8.077	2.47
26.55	57.8	7.54	8.092	2.3
26.6	56.9	7.48	8.108	2.28
26.65	56.95	6.84	8.123	2.09
26.7	56.47	6.81	8.138	2.07
26.75	54.74	6.91	8.153	2.11
26.8	55.37	6.98	8.169	2.13
26.85	56.18	6.7	8.184	2.04
26.9	56.59	7.44	8.199	2.27

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
26.95	55.3	6.93	8.214	2.11
27	54.65	7.01	8.23	2.14
27.05	55.32	6.95	8.245	2.12
27.1	54.16	7.05	8.26	2.15
27.15	55.58	7.02	8.275	2.14
27.2	55.79	7.04	8.291	2.15
27.25	54.9	7.34	8.306	2.24
27.3	54.95	7.43	8.321	2.26
27.35	55.47	7.19	8.336	2.19
27.4	55.24	7.28	8.351	2.22
27.45	55.62	7.22	8.367	2.2
27.5	55.81	7.27	8.382	2.22
27.55	54.9	6.55	8.397	2
27.6	54.45	0	8.412	0
27.65	54.23	4.76	8.428	1.45
27.7	53.11	7.61	8.443	2.32
27.75	53.06	9.05	8.458	2.76
27.8	53.03	6.74	8.473	2.06
27.85	54.51	3.8	8.489	1.16
27.9	53.26	5.9	8.504	1.8
27.95	51.63	4.99	8.519	1.52
28	52.31	6.21	8.534	1.89
28.05	51.16	8.76	8.55	2.67
28.1	52.58	14.94	8.565	4.55
28.15	52.29	9.67	8.58	2.95
28.2	51.64	10.89	8.595	3.32
28.25	50.82	10.35	8.611	3.15
28.3	50.41	16.53	8.626	5.04
28.35	51.71	12.2	8.641	3.72
28.4	51.85	11.9	8.656	3.63
28.45	52.43	10.09	8.672	3.07
28.5	52.21	13.33	8.687	4.06
28.55	51.61	12.53	8.702	3.82
28.6	51.8	11.19	8.717	3.41
28.65	50.9	9.46	8.732	2.88
28.7	48.95	8.2	8.748	2.5
28.75	49.48	9.47	8.763	2.89
28.8	49.24	9.74	8.778	2.97
28.85	48.62	9.62	8.793	2.93
28.9	50.31	7.78	8.809	2.37
28.95	50.65	9.63	8.824	2.94
29	51.33	7.11	8.839	2.17
29.05	52.16	7.02	8.854	2.14
29.1	51.08	8.02	8.87	2.44
29.15	50.54	8.13	8.885	2.48
29.2	50.77	6.79	8.9	2.07
29.25	51.39	6.36	8.915	1.94
29.3	50.69	6.25	8.931	1.9
29.35	51.35	6.11	8.946	1.86
29.4	50.67	5.46	8.961	1.66
29.45	50.84	3.96	8.976	1.21
29.5	50.42	4.15	8.992	1.26
29.55	50.71	8.38	9.007	2.56
29.6	49.85	4.54	9.022	1.38
29.65	49.93	5.79	9.037	1.77
29.7	49.46	6.06	9.053	1.85
29.75	48.23	6.02	9.068	1.84
29.8	47.62	7.03	9.083	2.14
29.85	46.31	9.58	9.098	2.92
29.9	46.15	8.54	9.113	2.6
29.95	47.08	8.23	9.129	2.51
30	45.54	7.98	9.144	2.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.05	44.27	8.18	9.159	2.49
30.1	42.63	7.25	9.174	2.21
30.15	40.82	4.64	9.19	1.42
30.2	39.91	6.08	9.205	1.85
30.25	38.95	5.53	9.22	1.68
30.3	37.98	4.98	9.235	1.52
30.35	36.99	3.96	9.251	1.21
30.4	35.99	7.31	9.266	2.23
30.45	36	4.64	9.281	1.41
30.5	36.5	5.28	9.296	1.61
30.55	35.75	5.1	9.312	1.55
30.6	35.87	5.03	9.327	1.53
30.65	36.44	5.24	9.342	1.6
30.7	36.72	5.27	9.357	1.61
30.75	36.36	4.75	9.373	1.45
30.8	36.18	5.63	9.388	1.72
30.85	34.09	5.55	9.403	1.69
30.9	35.54	5.97	9.418	1.82
30.95	34.77	4.62	9.434	1.41
31	32.89	5.83	9.449	1.78
31.05	31.44	5.93	9.464	1.81
31.1	31.72	6.43	9.479	1.96
31.15	28.36	6.95	9.494	2.12
31.2	27.18	8.31	9.51	2.53
31.25	26.59	5.26	9.525	1.6
31.3	26.3	6.68	9.54	2.04
31.35	21.15	4.17	9.555	1.27
31.4	25.07	5.75	9.571	1.75
31.45	24.04	4.72	9.586	1.44
31.5	20.02	6.73	9.601	2.05
31.55	16.51	5.85	9.616	1.78
31.6	15.75	7.38	9.632	2.25
31.65	13.88	5.65	9.647	1.72
31.7	14.94	5.01	9.662	1.53
31.75	15.47	5.49	9.677	1.67
31.8	17.73	5.65	9.693	1.72
31.85	33.37	4.67	9.708	1.42
31.9	33.18	5.19	9.723	1.58
31.95	39.09	5.76	9.738	1.75
32	46.55	5.96	9.754	1.82
32.05	36.77	6.56	9.769	2
32.1	32.89	5.43	9.784	1.65
32.15	29.94	4.43	9.799	1.35
32.2	26.97	6.87	9.814	2.09
32.25	29.99	3.95	9.83	1.21
32.3	29.49	5.65	9.845	1.72
32.35	41.75	5.96	9.86	1.82
32.4	43.87	5.82	9.875	1.77
32.45	39.94	5.68	9.891	1.73
32.5	33.47	6.47	9.906	1.97
32.55	32.73	4.75	9.921	1.45
32.6	45.87	1.13	9.936	0.35
32.65	52.43	5.86	9.952	1.79
32.7	56.22	6.48	9.967	1.98
32.75	57.61	6.98	9.982	2.13
32.8	59.8	5.46	9.997	1.66
32.85	60.4	4.71	10.013	1.43
32.9	61.7	5.1	10.028	1.56
32.95	64.85	3.79	10.043	1.16
33	64.93	3.93	10.058	1.2
33.05	68.96	4.45	10.074	1.36
33.1	73.48	6.49	10.089	1.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.15	76.24	5.48	10.104	1.67
33.2	83.12	6.89	10.119	2.1
33.25	85.06	5.42	10.135	1.65
33.3	89.03	10.31	10.15	3.14
33.35	92.52	6.13	10.165	1.87
33.4	93.76	6.01	10.18	1.83
33.45	95.38	5.81	10.195	1.77
33.5	98.69	5.67	10.211	1.73
33.55	99.34	8.2	10.226	2.5
33.6	99.17	6.33	10.241	1.93
33.65	100.09	7.5	10.256	2.29
33.7	98.54	7.35	10.272	2.24
33.75	74.77	7.67	10.287	2.34
33.8	87.89	7.78	10.302	2.37
33.85	95.44	7.15	10.317	2.18
33.9	97.72	9.44	10.333	2.88
33.95	100.36	10.98	10.348	3.35
34	99.68	6.5	10.363	1.98
34.05	101.84	7.26	10.378	2.21
34.1	101.92	5.6	10.394	1.71
34.15	100.96	6.84	10.409	2.09
34.2	99.98	6.11	10.424	1.86
34.25	99.99	7.07	10.439	2.15
34.3	102	7.11	10.455	2.17
34.35	100	10.61	10.47	3.23
34.4	99	6.7	10.485	2.04
34.45	98	6.98	10.5	2.13
34.5	97	7.6	10.516	2.32
34.55	97	7.54	10.531	2.3
34.6	96.5	7.37	10.546	2.24
34.65	94.75	6.29	10.561	1.92
34.7	94.37	6.35	10.576	1.94
34.75	92.69	6.56	10.592	2
34.8	93.34	6.83	10.607	2.08
34.85	95.17	9.73	10.622	2.97
34.9	98.09	9.59	10.637	2.92
34.95	100.54	5.74	10.653	1.75
35	102.77	8.09	10.668	2.47
35.05	102.39	8.9	10.683	2.71
35.1	102.69	8.19	10.698	2.5
35.15	99.35	8.54	10.714	2.6
35.2	97.67	6.58	10.729	2.01
35.25	96.84	5.5	10.744	1.68
35.3	92.92	5.17	10.759	1.58
35.35	90.96	5.95	10.775	1.81
35.4	92.98	4.68	10.79	1.43
35.45	91.99	4.31	10.805	1.31
35.5	90.99	4.76	10.82	1.45
35.55	91	5.96	10.836	1.82
35.6	88	4.7	10.851	1.43
35.65	87.5	4.91	10.866	1.5
35.7	87.75	5.11	10.881	1.56
35.75	88.37	5.87	10.897	1.79
35.8	85.69	5.68	10.912	1.73
35.85	84.84	6.06	10.927	1.85
35.9	85.92	6.65	10.942	2.03
35.95	85.96	6.65	10.957	2.03
36	86.48	10.9	10.973	3.32
36.05	88.24	7.26	10.988	2.21
36.1	88.12	8.21	11.003	2.5
36.15	88.56	6.78	11.018	2.07
36.2	88.28	10.27	11.034	3.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.25	87.14	7.54	11.049	2.3
36.3	86.07	7.65	11.064	2.33
36.35	85.54	7.46	11.079	2.27
36.4	83.27	8.96	11.095	2.73
36.45	81.63	7.72	11.11	2.35
36.5	74.82	7.08	11.125	2.16
36.55	57.41	7.69	11.14	2.34
36.6	57.7	6.73	11.156	2.05
36.65	47.35	6.91	11.171	2.11
36.7	43.18	6.94	11.186	2.11
36.75	41.09	7.63	11.201	2.33
36.8	51.04	6.42	11.217	1.96
36.85	46.02	7.74	11.232	2.36
36.9	57.51	7.93	11.247	2.42
36.95	68.76	6.53	11.262	1.99
37	72.88	6.9	11.278	2.1
37.05	75.94	7.6	11.293	2.32
37.1	77.47	7.3	11.308	2.22
37.15	79.23	7.65	11.323	2.33
37.2	75.12	7.64	11.338	2.33
37.25	73.06	8.15	11.354	2.49
37.3	56.53	7.55	11.369	2.3
37.35	46.76	6.45	11.384	1.97
37.4	41.88	7.77	11.399	2.37
37.45	39.44	7.33	11.415	2.23
37.5	41.22	5.93	11.43	1.81
37.55	40.11	4.74	11.445	1.45
37.6	35.56	3.07	11.46	0.93
37.65	33.28	10.69	11.476	3.26
37.7	32.14	7.39	11.491	2.25
37.75	31.57	8.7	11.506	2.65
37.8	31.28	8.73	11.521	2.66
37.85	31.64	5.28	11.537	1.61
37.9	31.82	10.25	11.552	3.12
37.95	31.91	6.01	11.567	1.83
38	32.46	8.31	11.582	2.53
38.05	32.73	6.52	11.598	1.99
38.1	32.86	7.48	11.613	2.28
38.15	32.93	9.06	11.628	2.76
38.2	32.47	8.73	11.643	2.66
38.25	32.23	8.7	11.659	2.65
38.3	32.12	10.35	11.674	3.15
38.35	31.06	8.95	11.689	2.73
38.4	30.03	7.81	11.704	2.38
38.45	29.51	8.02	11.719	2.44
38.5	28.76	7.52	11.735	2.29
38.55	27.88	8.25	11.75	2.52
38.6	27.44	7.87	11.765	2.4
38.65	27.22	8.73	11.78	2.66
38.7	27.11	10.67	11.796	3.25
38.75	27.05	10.21	11.811	3.11
38.8	27.03	10.82	11.826	3.3
38.85	26.51	9.72	11.841	2.96
38.9	25.26	9.61	11.857	2.93
38.95	24.13	9.64	11.872	2.94
39	23.56	7.88	11.887	2.4
39.05	23.28	8.82	11.902	2.69
39.1	23.14	6.74	11.918	2.05
39.15	23.07	8.3	11.933	2.53
39.2	22.54	6.79	11.948	2.07
39.25	22.27	7.2	11.963	2.19
39.3	22.13	6.57	11.979	2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.35	22.07	8.18	11.994	2.49
39.4	22.53	8.11	12.009	2.47
39.45	22.27	7.6	12.024	2.32
39.5	22.63	7.84	12.04	2.39
39.55	22.82	8.52	12.055	2.6
39.6	22.91	8.35	12.07	2.54
39.65	22.95	9.02	12.085	2.75
39.7	23.48	8.61	12.1	2.62
39.75	23.74	11.89	12.116	3.62
39.8	24.37	9.08	12.131	2.77
39.85	24.18	10.56	12.146	3.22
39.9	24.59	9.08	12.161	2.77
39.95	24.8	11.04	12.177	3.36
40	24.9	9.25	12.192	2.82
40.05	24.45	9.6	12.207	2.93
40.1	24.72	8.21	12.222	2.5
40.15	24.36	9.76	12.238	2.98
40.2	24.68	8.71	12.253	2.65
40.25	24.84	8.01	12.268	2.44
40.3	24.92	8.05	12.283	2.45
40.35	25.46	6.49	12.299	1.98
40.4	25.73	8.04	12.314	2.45
40.45	26.37	6.1	12.329	1.86
40.5	27.18	5.2	12.344	1.58
40.55	27.09	4.33	12.36	1.32
40.6	27.05	3.39	12.375	1.03
40.65	27.52	3.7	12.39	1.13
40.7	47.26	6.41	12.405	1.95
40.75	57.13	8.44	12.42	2.57
40.8	61.57	8.65	12.436	2.64
40.85	62.78	8.8	12.451	2.68
40.9	61.39	9.33	12.466	2.84
40.95	60.2	8.86	12.481	2.7
41	59.1	8.86	12.497	2.7
41.05	56.05	7.34	12.512	2.24
41.1	54.52	8.13	12.527	2.48
41.15	52.26	7.76	12.542	2.37
41.2	50.63	7.19	12.558	2.19
41.25	50.32	7.99	12.573	2.44
41.3	50.16	8.24	12.588	2.51
41.35	49.08	7.27	12.603	2.22
41.4	45.54	8.61	12.619	2.62
41.45	41.77	7.25	12.634	2.21
41.5	36.38	8.76	12.649	2.67
41.55	31.19	9.47	12.664	2.89
41.6	27.6	7.39	12.68	2.25
41.65	25.3	5.99	12.695	1.83
41.7	23.15	6.18	12.71	1.88
41.75	23.07	7.05	12.725	2.15
41.8	23.04	6.73	12.741	2.05
41.85	23.02	8.66	12.756	2.64
41.9	24.01	6.95	12.771	2.12
41.95	24.5	6.47	12.786	1.97
42	25.25	5.41	12.801	1.65
42.05	27.13	6.2	12.817	1.89
42.1	29.06	7.79	12.832	2.37
42.15	31.03	8.36	12.847	2.55
42.2	33.52	7.92	12.862	2.41
42.25	34.76	8.58	12.878	2.62
42.3	34.38	6.55	12.893	2
42.35	33.19	7.95	12.908	2.42
42.4	32.59	8.08	12.923	2.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.45	32.3	8.69	12.939	2.65
42.5	29.65	8.42	12.954	2.57
42.55	27.82	0.97	12.969	0.3
42.6	26.41	0.94	12.984	0.29
42.65	25.21	5.33	13	1.62
42.7	24.1	5.31	13.015	1.62
42.75	23.05	9.09	13.03	2.77
42.8	23.03	7.6	13.045	2.32
42.85	22.51	7.01	13.061	2.14
42.9	22.26	5.39	13.076	1.64
42.95	23.13	6.35	13.091	1.94
43	23.06	6.52	13.106	1.99
43.05	23.03	7.61	13.122	2.32
43.1	22.52	7.82	13.137	2.38
43.15	21.26	3.8	13.152	1.16
43.2	20.13	5.67	13.167	1.73
43.25	18.56	3.43	13.182	1.05
43.3	17.78	5.31	13.198	1.62
43.35	17.39	4.12	13.213	1.26
43.4	17.2	5.55	13.228	1.69
43.45	17.1	4.41	13.243	1.34
43.5	17.05	4.81	13.259	1.47
43.55	17.02	4.71	13.274	1.44
43.6	17.01	4.14	13.289	1.26
43.65	17.01	4.61	13.304	1.41
43.7	17.5	5.81	13.32	1.77
43.75	17.75	4.16	13.335	1.27
43.8	17.38	5.32	13.35	1.62
43.85	17.19	4.69	13.365	1.43
43.9	16.59	6.88	13.381	2.1
43.95	16.3	5.25	13.396	1.6
44	16.15	6.56	13.411	2
44.05	16.07	5.56	13.426	1.69
44.1	16.04	4.74	13.442	1.44
44.15	16.02	6.3	13.457	1.92
44.2	16.01	5.81	13.472	1.77
44.25	16	7.37	13.487	2.25
44.3	16.5	4.82	13.503	1.47
44.35	16.25	7.33	13.518	2.23
44.4	16.13	7.26	13.533	2.21
44.45	15.56	5.8	13.548	1.77
44.5	15.78	8.21	13.563	2.5
44.55	16.39	6	13.579	1.83
44.6	16.7	5.3	13.594	1.62
44.65	16.35	4.89	13.609	1.49
44.7	17.17	5.12	13.624	1.56
44.75	17.09	4.91	13.64	1.5
44.8	17.54	7.15	13.655	2.18
44.85	17.27	8.47	13.67	2.58
44.9	17.14	9.24	13.685	2.82
44.95	17.07	10.94	13.701	3.33
45	17.53	9.05	13.716	2.76
45.05	17.77	7.7	13.731	2.35
45.1	18.88	7.26	13.746	2.21
45.15	19.94	8.39	13.762	2.56
45.2	21.97	6.74	13.777	2.06
45.25	24.49	6.01	13.792	1.83
45.3	27.74	6.6	13.807	2.01
45.35	30.37	6.25	13.823	1.9
45.4	30.69	7.18	13.838	2.19
45.45	32.84	6.96	13.853	2.12
45.5	32.92	6.54	13.868	1.99

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45.55	32.96	8.62	13.884	2.63
45.6	30.98	5.92	13.899	1.8
45.65	28.99	6.87	13.914	2.09
45.7	27	6.34	13.929	1.93
45.75	24.5	5.93	13.944	1.81
45.8	23.75	6.61	13.96	2.01
45.85	23.87	6.24	13.975	1.9
45.9	22.94	6.23	13.99	1.9
45.95	22.47	5.77	14.005	1.76
46	20.73	6.57	14.021	2
46.05	19.37	5.95	14.036	1.81
46.1	18.18	6.25	14.051	1.9
46.15	17.59	7.32	14.066	2.23
46.2	17.8	7.17	14.082	2.19
46.25	18.4	6.48	14.097	1.97
46.3	19.7	6.69	14.112	2.04
46.35	14.35	6.37	14.127	1.94
46.4	11.17	6.4	14.143	1.95
46.45	10.09	6.08	14.158	1.85
46.5	9.54	5.5	14.173	1.68
46.55	8.27	5.31	14.188	1.62
46.6	7.64	6.79	14.204	2.07
46.65	7.32	5.57	14.219	1.7
46.7	9.66	5.33	14.234	1.63
46.75	8.83	4.42	14.249	1.35
46.8	8.91	7.11	14.265	2.17
46.85	10.46	6.03	14.28	1.84
46.9	14.23	6.21	14.295	1.89
46.95	16.61	6.69	14.31	2.04
47	17.81	5.83	14.325	1.78
47.05	18.4	6.71	14.341	2.04
47.1	19.2	6.53	14.356	1.99
47.15	20.6	6.58	14.371	2.01
47.2	20.3	6.23	14.386	1.9
47.25	21.65	5.28	14.402	1.61
47.3	23.33	5.7	14.417	1.74
47.35	18.16	5.31	14.432	1.62
47.4	22.08	5.8	14.447	1.77
47.45	17.04	6.24	14.463	1.9
47.5	15.52	6.1	14.478	1.86
47.55	19.76	0	14.493	0
47.6	22.88	2.16	14.508	0.66
47.65	22.44	6.17	14.524	1.88
47.7	22.22	4.93	14.539	1.5
47.75	22.61	4.62	14.554	1.41
47.8	20.31	5.9	14.569	1.8
47.85	14.65	6.46	14.585	1.97
47.9	11.83	4.87	14.6	1.48
47.95	10.91	8.66	14.615	2.64
48	15.96	6.02	14.63	1.84
48.05	13.98	10.73	14.646	3.27
48.1	15.99	8.19	14.661	2.5
48.15	14.49	9.37	14.676	2.86
48.2	19.75	9.4	14.691	2.86
48.25	16.37	9.11	14.706	2.78
48.3	21.69	9.31	14.722	2.84
48.35	22.84	9.32	14.737	2.84
48.4	20.42	7.62	14.752	2.32
48.45	38.71	11.69	14.767	3.56
48.5	48.36	10.63	14.783	3.24
48.55	50.68	8.34	14.798	2.54
48.6	50.34	10.65	14.813	3.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.65	49.17	11.15	14.828	3.4
48.7	47.08	17.24	14.844	5.26
48.75	46.04	14.07	14.859	4.29
48.8	45.02	14.03	14.874	4.28
48.85	44.01	10.06	14.889	3.07
48.9	43.51	11.31	14.905	3.45
48.95	43.25	10.1	14.92	3.08
49	43.13	15.15	14.935	4.62
49.05	42.56	13.3	14.95	4.05
49.1	41.28	15.28	14.966	4.66
49.15	42.14	8.67	14.981	2.64
49.2	43.07	12.92	14.996	3.94
49.25	41.54	12.55	15.011	3.83
49.3	41.27	17.83	15.026	5.44
49.35	42.13	14.75	15.042	4.5
49.4	42.07	13.54	15.057	4.13
49.45	41.53	15	15.072	4.57
49.5	41.27	17.77	15.087	5.42
49.55	41.63	14.34	15.103	4.37
49.6	41.82	14.68	15.118	4.47
49.65	42.91	16.1	15.133	4.91
49.7	42.95	18.69	15.148	5.7
49.75	43.98	17	15.164	5.18
49.8	44.99	16.79	15.179	5.12
49.85	46.49	13.16	15.194	4.01
49.9	46.75	11.54	15.209	3.52
49.95	47.87	16.75	15.225	5.11
50	47.94	16.04	15.24	4.89
50.05	48.47	17.57	15.255	5.35
50.1	48.73	13.49	15.27	4.11
50.15	49.37	15.42	15.286	4.7
50.2	50.68	14.33	15.301	4.37
50.25	50.84	13.83	15.316	4.21
50.3	52.42	13.09	15.331	3.99
50.35	52.71	13.91	15.347	4.24
50.4	52.86	14.37	15.362	4.38
50.45	53.93	11.23	15.377	3.42
50.5	54.46	12.84	15.392	3.91
50.55	55.73	13.61	15.407	4.15
50.6	56.37	12.96	15.423	3.95
50.65	58.68	13.29	15.438	4.05
50.7	60.84	10.63	15.453	3.24
50.75	63.92	13.61	15.468	4.15
50.8	65.96	13.33	15.484	4.06
50.85	69.48	12.69	15.499	3.87
50.9	71.24	11.86	15.514	3.62
50.95	72.62	13.37	15.529	4.08
51	74.81	9.96	15.545	3.04
51.05	76.41	10.53	15.56	3.21
51.1	76.7	11.06	15.575	3.37
51.15	76.85	8.72	15.59	2.66
51.2	76.93	9.99	15.606	3.04
51.25	75.96	9.11	15.621	2.78
51.3	76.98	9.57	15.636	2.92
51.35	79.49	9.72	15.651	2.96
51.4	79.75	8.95	15.667	2.73
51.45	81.37	9.24	15.682	2.82
51.5	82.19	8.04	15.697	2.45
51.55	83.59	9.26	15.712	2.82
51.6	84.8	8.07	15.728	2.46
51.65	87.4	8.33	15.743	2.54
51.7	87.2	7.59	15.758	2.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.75	85.6	8.43	15.773	2.57
51.8	87.3	10.51	15.788	3.2
51.85	78.15	8.48	15.804	2.58
51.9	77.57	7.8	15.819	2.38
51.95	84.29	8.23	15.834	2.51
52	83.64	7.03	15.849	2.14
52.05	76.82	7.47	15.865	2.28
52.1	75.91	6.94	15.88	2.11
52.15	80.96	6.99	15.895	2.13
52.2	85.98	7.27	15.91	2.22
52.25	87.99	7.15	15.926	2.18
52.3	83.99	7.25	15.941	2.21
52.35	87.5	7.87	15.956	2.4
52.4	81.75	7.14	15.971	2.18
52.45	85.87	7.01	15.987	2.14
52.5	80.44	6.77	16.002	2.07
52.55	85.22	0	16.017	0
52.6	86.11	1.13	16.032	0.35
52.65	82.55	9.89	16.048	3.01
52.7	86.78	3.67	16.063	1.12
52.75	88.89	4.46	16.078	1.36
52.8	89.44	4.61	16.093	1.41
52.85	90.22	9.76	16.109	2.98
52.9	89.11	4.6	16.124	1.4
52.95	90.06	5.17	16.139	1.58
53	86.53	4.19	16.154	1.28
53.05	84.76	3.67	16.169	1.12
53.1	72.38	6.02	16.185	1.84
53.15	73.19	6.72	16.2	2.05
53.2	76.6	6.18	16.215	1.89
53.25	77.3	11.87	16.23	3.62
53.3	76.15	9.5	16.246	2.89
53.35	76.57	10.12	16.261	3.09
53.4	73.79	11.96	16.276	3.65
53.45	75.39	12.74	16.291	3.88
53.5	77.2	12.46	16.307	3.8
53.55	76.6	11.38	16.322	3.47
53.6	77.3	10.12	16.337	3.08
53.65	78.15	13.2	16.352	4.02
53.7	77.57	10.46	16.368	3.19
53.75	78.29	8.87	16.383	2.7
53.8	78.14	10.05	16.398	3.06
53.85	79.07	6	16.413	1.83
53.9	80.04	8.52	16.429	2.6
53.95	78.52	8.42	16.444	2.57
54	76.76	8.26	16.459	2.52
54.05	76.38	7.83	16.474	2.39
54.1	76.19	7.95	16.49	2.42
54.15	75.09	7.05	16.505	2.15
54.2	75.05	7.61	16.52	2.32
54.25	73.52	7.08	16.535	2.16
54.3	73.26	9.48	16.55	2.89
54.35	72.13	6.98	16.566	2.13
54.4	72.57	6.2	16.581	1.89
54.45	73.78	5.58	16.596	1.7
54.5	71.89	7.41	16.611	2.26
54.55	62.95	6.85	16.627	2.09
54.6	65.47	6.39	16.642	1.95
54.65	63.24	6.15	16.657	1.88
54.7	58.12	7.38	16.672	2.25
54.75	53.06	6.39	16.688	1.95
54.8	45.53	6	16.703	1.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.85	40.26	6.25	16.718	1.91
54.9	34.63	6.74	16.733	2.05
54.95	29.82	7.17	16.749	2.19
55	27.41	6.64	16.764	2.02
55.05	25.2	6.49	16.779	1.98
55.1	24.1	5.02	16.794	1.53
55.15	24.55	6.47	16.81	1.97
55.2	25.28	6.82	16.825	2.08
55.25	28.14	6.04	16.84	1.84
55.3	32.57	5.78	16.855	1.76
55.35	36.28	6.63	16.871	2.02
55.4	39.64	6.38	16.886	1.94
55.45	40.82	6.22	16.901	1.9
55.5	47.91	5.54	16.916	1.69
55.55	57.96	5.99	16.931	1.83
55.6	64.48	5.7	16.947	1.74
55.65	67.74	5.79	16.962	1.77
55.7	72.37	6.05	16.977	1.85
55.75	73.68	7.06	16.992	2.15
55.8	72.34	7.48	17.008	2.28
55.85	70.67	6.94	17.023	2.12
55.9	68.34	6.79	17.038	2.07
55.95	63.67	7.27	17.053	2.21
56	63.83	6.43	17.069	1.96
56.05	63.42	5.83	17.084	1.78
56.1	61.21	5.08	17.099	1.55
56.15	59.6	5.04	17.114	1.54
56.2	59.3	5.24	17.13	1.6
56.25	58.15	6.16	17.145	1.88
56.3	58.58	5.32	17.16	1.62
56.35	57.29	4.82	17.175	1.47
56.4	57.64	4.95	17.191	1.51
56.45	57.82	5.85	17.206	1.78
56.5	57.91	6.02	17.221	1.84
56.55	58.46	5.56	17.236	1.69
56.6	58.23	5.99	17.252	1.82
56.65	54.11	6.34	17.267	1.93
56.7	55.56	6.03	17.282	1.84
56.75	55.28	6.3	17.297	1.92
56.8	53.64	5.93	17.312	1.81
56.85	53.32	5.77	17.328	1.76
56.9	52.66	5.39	17.343	1.64
56.95	51.83	5.27	17.358	1.61
57	51.41	5.43	17.373	1.66
57.05	51.21	5.49	17.389	1.67
57.1	47.1	6.11	17.404	1.86
57.15	46.05	6.86	17.419	2.09
57.2	45.53	5.62	17.434	1.71
57.25	42.76	5.31	17.45	1.62
57.3	41.88	5.13	17.465	1.56
57.35	41.44	5.26	17.48	1.6
57.4	36.72	5.45	17.495	1.66
57.45	33.86	5.35	17.511	1.63
57.5	29.93	5.1	17.526	1.55
57.55	30.97	6.96	17.541	2.12
57.6	31.98	9.34	17.556	2.85
57.65	31.49	7.92	17.572	2.41
57.7	31.25	5.63	17.587	1.72
57.75	30.62	4.34	17.602	1.32
57.8	29.81	4.82	17.617	1.47
57.85	28.41	7.34	17.632	2.24
57.9	26.7	5.8	17.648	1.77

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
57.95	24.85	5.65	17.663	1.72
58	24.43	4.89	17.678	1.49
58.05	24.71	4.24	17.693	1.29
58.1	24.86	5.86	17.709	1.79
58.15	25.43	6.44	17.724	1.96
58.2	25.71	5.43	17.739	1.65
58.25	25.86	11.97	17.754	3.65
58.3	25.93	7.52	17.77	2.29
58.35	24.96	9.31	17.785	2.84
58.4	23.98	8.61	17.8	2.63
58.45	22.49	7.41	17.815	2.26
58.5	20.25	9.77	17.831	2.98
58.55	19.12	8.35	17.846	2.54
58.6	17.56	6.45	17.861	1.97
58.65	17.28	6.06	17.876	1.85
58.7	17.14	8.47	17.892	2.58
58.75	17.57	7.42	17.907	2.26
58.8	17.79	7.05	17.922	2.15
58.85	19.39	3.71	17.937	1.13
58.9	19.7	4.5	17.953	1.37
58.95	19.35	4	17.968	1.22
59	20.67	4.19	17.983	1.28
59.05	23.34	4.02	17.998	1.23
59.1	25.17	4.73	18.013	1.44
59.15	26.08	3.24	18.029	0.99
59.2	26.54	3.16	18.044	0.96
59.25	26.27	3.64	18.059	1.11
59.3	25.14	6.2	18.074	1.89
59.35	23.57	3.71	18.09	1.13
59.4	22.28	3.24	18.105	0.99
59.45	20.64	3.44	18.12	1.05
59.5	17.82	7.28	18.135	2.22
59.55	16.41	3.55	18.151	1.08
59.6	14.21	3.9	18.166	1.19
59.65	12.6	4.96	18.181	1.51
59.7	11.8	4.56	18.196	1.39
59.75	12.9	4.83	18.212	1.47
59.8	12.45	7.5	18.227	2.29
59.85	11.23	3.49	18.242	1.07
59.9	10.61	4.01	18.257	1.22
59.95	10.31	4.27	18.273	1.3
60	10.15	4.9	18.288	1.49
60.05	10.58	6.14	18.303	1.87
60.1	11.29	3.58	18.318	1.09
60.15	11.14	4.06	18.334	1.24
60.2	11.07	3.95	18.349	1.2
60.25	12.54	3.17	18.364	0.97
60.3	11.27	4.03	18.379	1.23
60.35	10.63	4.1	18.394	1.25
60.4	11.82	4.32	18.41	1.32
60.45	10.41	4.3	18.425	1.31
60.5	10.2	4.4	18.44	1.34
60.55	9.6	4.18	18.455	1.27
60.6	10.3	4.05	18.471	1.24
60.65	10.65	4.11	18.486	1.25
60.7	10.33	4.36	18.501	1.33
60.75	10.66	4.23	18.516	1.29
60.8	10.33	4.87	18.532	1.48
60.85	10.17	4.31	18.547	1.31
60.9	11.08	3.88	18.562	1.18
60.95	10.04	4.15	18.577	1.26
61	9.52	4.53	18.593	1.38

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61.05	10.76	4.08	18.608	1.24
61.1	9.38	3.89	18.623	1.19
61.15	7.19	7.94	18.638	2.42
61.2	6.1	3.28	18.654	1
61.25	5.05	5.06	18.669	1.54
61.3	4.52	3.92	18.684	1.19
61.35	4.26	3.61	18.699	1.1
61.4	4.63	4.01	18.715	1.22
61.45	4.32	5.15	18.73	1.57
61.5	4.16	3.7	18.745	1.13
61.55	4.08	3.3	18.76	1.01
61.6	4.04	3.6	18.775	1.1
61.65	4.02	3.84	18.791	1.17
61.7	4.01	3.63	18.806	1.11
61.75	4	4.11	18.821	1.25
61.8	4	3.72	18.836	1.13
61.85	6.5	4.76	18.852	1.45
61.9	6.75	3.83	18.867	1.17
61.95	6.88	3.51	18.882	1.07
62	6.94	4.03	18.897	1.23
62.05	5.97	4.22	18.913	1.29
62.1	5.98	4.77	18.928	1.45
62.15	6.99	4.35	18.943	1.33
62.2	7.5	5.21	18.958	1.59
62.25	8.75	4.79	18.974	1.46
62.3	9.87	4.84	18.989	1.47
62.35	8.44	4.54	19.004	1.38
62.4	9.72	5.07	19.019	1.55
62.45	8.86	4.41	19.035	1.34
62.5	9.93	2.37	19.05	0.72
62.55	7.46	3.56	19.065	1.08
62.6	5.23	8.78	19.08	2.68
62.65	4.12	4.9	19.096	1.49
62.7	3.56	4.92	19.111	1.5
62.75	3.28	4.09	19.126	1.25
62.8	3.14	2.87	19.141	0.87
62.85	3.07	5.71	19.156	1.74
62.9	3.53	3.31	19.172	1.01
62.95	3.77	4	19.187	1.22
63	4.38	4.15	19.202	1.26
63.05	4.19	8.85	19.217	2.7
63.1	3.6	4.59	19.233	1.4
63.15	3.3	4.47	19.248	1.36
63.2	3.15	4.33	19.263	1.32
63.25	3.07	6.35	19.278	1.94
63.3	3.04	5.57	19.294	1.7
63.35	3.02	5.48	19.309	1.67
63.4	4.01	6.18	19.324	1.88
63.45	6.5	6.53	19.339	1.99
63.5	7.25	7.55	19.355	2.3
63.55	8.13	7.47	19.37	2.28
63.6	9.06	5.48	19.385	1.67
63.65	9.03	7.78	19.4	2.37
63.7	8.02	7.28	19.416	2.22
63.75	7.51	6.45	19.431	1.96
63.8	10.25	5.69	19.446	1.73
63.85	11.63	5.85	19.461	1.78
63.9	10.31	7.4	19.477	2.25
63.95	12.16	5.54	19.492	1.69
64	13.08	4.81	19.507	1.46
64.05	11.54	3.69	19.522	1.12
64.1	9.77	5.12	19.537	1.56

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64.15	10.88	4.84	19.553	1.47
64.2	12.44	4.84	19.568	1.48
64.25	13.72	4.81	19.583	1.47
64.3	12.36	7.1	19.598	2.16
64.35	11.18	4.63	19.614	1.41
64.4	12.59	4.86	19.629	1.48
64.45	12.3	4.03	19.644	1.23
64.5	12.65	6.29	19.659	1.92
64.55	10.82	4.6	19.675	1.4
64.6	10.41	4.23	19.69	1.29
64.65	12.21	4.51	19.705	1.37
64.7	9.1	6.55	19.72	2
64.75	9.55	5.93	19.736	1.81
64.8	8.28	6.49	19.751	1.98
64.85	6.14	5.19	19.766	1.58
64.9	4.57	6.88	19.781	2.1
64.95	4.78	6.2	19.797	1.89
65	2.89	6.12	19.812	1.87
65.05	2.45	4.71	19.827	1.44
65.1	2.22	5.61	19.842	1.71
65.15	1.61	5.52	19.858	1.68
65.2	4.81	4.83	19.873	1.47
65.25	2.4	4.91	19.888	1.5
65.3	3.2	3.63	19.903	1.11
65.35	3.6	4.72	19.918	1.44
65.4	5.3	3.78	19.934	1.15
65.45	4.65	4.1	19.949	1.25
65.5	2.83	4.32	19.964	1.32
65.55	2.41	4.7	19.979	1.43
65.6	3.71	4.38	19.995	1.34
65.65	2.85	4.54	20.01	1.38
65.7	6.43	4.45	20.025	1.36
65.75	4.71	4.19	20.04	1.28
65.8	3.86	4.38	20.056	1.33
65.85	8.43	4.66	20.071	1.42
65.9	6.21	4.26	20.086	1.3
65.95	5.11	5.72	20.101	1.74
66	4.55	4.15	20.117	1.26
66.05	2.78	4.66	20.132	1.42
66.1	4.89	4.79	20.147	1.46
66.15	5.44	6.42	20.162	1.96
66.2	3.72	6.11	20.178	1.86
66.25	2.86	4.31	20.193	1.31
66.3	3.43	4.1	20.208	1.25
66.35	4.72	4.44	20.223	1.35
66.4	3.86	4.8	20.239	1.46
66.45	4.43	5.01	20.254	1.53
66.5	10.71	4.07	20.269	1.24
66.55	7.86	3.8	20.284	1.16
66.6	8.43	3.79	20.3	1.15
66.65	10.21	3.57	20.315	1.09
66.7	9.11	3.42	20.33	1.04
66.75	8.55	4.52	20.345	1.38
66.8	8.28	4.31	20.36	1.31
66.85	13.64	3.3	20.376	1.01
66.9	15.32	3.48	20.391	1.06
66.95	15.66	4.1	20.406	1.25
67	13.33	3.99	20.421	1.22
67.05	16.16	3.32	20.437	1.01
67.1	15.58	4.73	20.452	1.44
67.15	16.79	3.51	20.467	1.07
67.2	15.4	2.9	20.482	0.88

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67.25	11.7	2.74	20.498	0.84
67.3	10.85	1.72	20.513	0.52
67.35	11.42	3.81	20.528	1.16
67.4	12.71	3.03	20.543	0.92
67.45	12.36	3	20.559	0.91
67.5	8.18	0	20.574	0
67.55	9.59	2.95	20.589	0.9
67.6	10.29	5.77	20.604	1.76
67.65	8.15	8.52	20.62	2.6
67.7	9.07	5.18	20.635	1.58
67.75	9.04	4.37	20.65	1.33
67.8	9.02	1.69	20.665	0.52
67.85	8.51	8.44	20.681	2.57
67.9	7.75	4.04	20.696	1.23
67.95	8.88	3.62	20.711	1.1
68	8.94	3.6	20.726	1.1
68.05	9.47	6.84	20.742	2.09
68.1	7.73	3.3	20.757	1
68.15	6.37	4.37	20.772	1.33
68.2	5.68	3.79	20.787	1.15
68.25	5.34	8.26	20.802	2.52
68.3	6.67	3.52	20.818	1.07
68.35	6.34	5.74	20.833	1.75
68.4	6.17	3.96	20.848	1.21
68.45	7.08	6.72	20.863	2.05
68.5	7.04	7.29	20.879	2.22
68.55	6.02	3.87	20.894	1.18
68.6	5.51	4.48	20.909	1.37
68.65	5.26	4.56	20.924	1.39
68.7	5.63	6.07	20.94	1.85
68.75	4.81	6.63	20.955	2.02
68.8	4.41	5.63	20.97	1.71
68.85	4.7	5.69	20.985	1.73
68.9	4.35	3.23	21.001	0.98
68.95	4.18	1.58	21.016	0.48
69	4.09	2.91	21.031	0.89
69.05	4.54	2.11	21.046	0.64
69.1	4.77	2.72	21.062	0.83
69.15	5.39	2.79	21.077	0.85
69.2	5.19	2.6	21.092	0.79
69.25	4.6	3.64	21.107	1.11
69.3	4.8	5.47	21.123	1.67
69.35	4.4	2.63	21.138	0.8
69.4	4.7	3.2	21.153	0.98
69.45	6.85	2.55	21.168	0.78
69.5	5.42	5.73	21.183	1.75
69.55	4.21	3.06	21.199	0.93
69.6	5.61	3.29	21.214	1
69.65	4.8	2.85	21.229	0.87
69.7	4.4	5.25	21.244	1.6
69.75	4.2	3.58	21.26	1.09
69.8	4.6	2.99	21.275	0.91
69.85	4.8	3.33	21.29	1.02
69.9	4.4	4.5	21.305	1.37
69.95	7.2	4.54	21.321	1.38
70	6.1	3.57	21.336	1.09
70.05	6.05	3.14	21.351	0.96
70.1	5.53	1.82	21.366	0.56
70.15	4.76	2.76	21.382	0.84
70.2	4.38	2.4	21.397	0.73
70.25	4.69	2.56	21.412	0.78
70.3	3.85	1.52	21.427	0.46

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70.35	3.92	2.8	21.443	0.85
70.4	3.96	2.62	21.458	0.8
70.45	3.48	3	21.473	0.91
70.5	3.24	2.93	21.488	0.89
70.55	3.62	3.26	21.504	0.99
70.6	4.31	2.65	21.519	0.81
70.65	4.66	2.78	21.534	0.85
70.7	4.83	2.31	21.549	0.7
70.75	4.91	2.98	21.565	0.91
70.8	5.96	2.4	21.58	0.73
70.85	5.48	2.92	21.595	0.89
70.9	5.24	3.14	21.61	0.96
70.95	5.12	4.77	21.625	1.45
71	4.56	2.67	21.641	0.81
71.05	4.78	3.86	21.656	1.18
71.1	4.39	3.47	21.671	1.06
71.15	4.69	3.85	21.686	1.17
71.2	4.85	3.26	21.702	0.99
71.25	4.92	2.4	21.717	0.73
71.3	4.96	2.35	21.732	0.71
71.35	4.48	2.54	21.747	0.78
71.4	4.24	3.53	21.763	1.08
71.45	4.12	2.23	21.778	0.68
71.5	4.06	2.47	21.793	0.75
71.55	4.03	1.92	21.808	0.59
71.6	4.02	2.87	21.824	0.88
71.65	4.01	3.14	21.839	0.96
71.7	4	2.67	21.854	0.81
71.75	4	2.91	21.869	0.89
71.8	4	2.87	21.885	0.87
71.85	4.5	3.83	21.9	1.17
71.9	4.75	2.87	21.915	0.88
71.95	4.88	3.47	21.93	1.06
72	4.44	2.81	21.946	0.86
72.05	4.22	2.79	21.961	0.85
72.1	4.11	2.92	21.976	0.89
72.15	4.55	4.22	21.991	1.29
72.2	4.78	4.58	22.007	1.4
72.25	5.39	3.06	22.022	0.93
72.3	4.69	3.28	22.037	1
72.35	4.35	3.37	22.052	1.03
72.4	5.17	2.55	22.067	0.78
72.45	4.59	2.26	22.083	0.69
72.5	4.29	0	22.098	0
72.55	4.15	3.27	22.113	1
72.6	4.07	1.95	22.128	0.6
72.65	4.04	6.24	22.144	1.9
72.7	4.02	5.68	22.159	1.73
72.75	4.01	2.08	22.174	0.63
72.8	4	1	22.189	0.31
72.85	4.5	4.26	22.205	1.3
72.9	4.25	2.87	22.22	0.87
72.95	4.63	2.88	22.235	0.88
73	4.31	1.96	22.25	0.6
73.05	4.66	5.6	22.266	1.71
73.1	4.33	2.05	22.281	0.62
73.15	5.66	2.67	22.296	0.82
73.2	4.83	1.64	22.311	0.5
73.25	5.42	6.97	22.327	2.12
73.3	5.21	2.23	22.342	0.68
73.35	5.1	2.22	22.357	0.68
73.4	5.05	2.95	22.372	0.9

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73.45	5.03	3.69	22.388	1.12
73.5	5.01	5.05	22.403	1.54
73.55	5.51	3.01	22.418	0.92
73.6	5.25	3.74	22.433	1.14
73.65	5.63	7.39	22.448	2.25
73.7	5.31	4.8	22.464	1.46
73.75	6.16	2.48	22.479	0.76
73.8	5.58	2.47	22.494	0.75
73.85	5.29	1.95	22.509	0.59
73.9	5.14	3.67	22.525	1.12
73.95	5.57	2.86	22.54	0.87
74	5.29	2.47	22.555	0.75
74.05	5.14	1.2	22.57	0.36
74.1	5.07	2.92	22.586	0.89
74.15	4.54	1.84	22.601	0.56
74.2	4.77	2.49	22.616	0.76
74.25	5.38	2.46	22.631	0.75
74.3	5.69	5.56	22.647	1.69
74.35	5.85	2.47	22.662	0.75
74.4	5.92	1.93	22.677	0.59
74.45	5.46	2.12	22.692	0.65
74.5	4.73	6.91	22.708	2.11
74.55	4.37	2.7	22.723	0.82
74.6	4.68	3.36	22.738	1.02
74.65	4.34	3.22	22.753	0.98
74.7	4.17	2.83	22.769	0.86
74.75	3.59	3.54	22.784	1.08
74.8	3.29	4.33	22.799	1.32
74.85	3.15	3.88	22.814	1.18
74.9	3.07	4.65	22.83	1.42
74.95	3.04	3.81	22.845	1.16
75	3.52	3.34	22.86	1.02
75.05	3.76	2.93	22.875	0.89
75.1	3.88	2.57	22.89	0.78
75.15	4.44	3.49	22.906	1.06
75.2	4.22	3.14	22.921	0.96
75.25	5.61	4.17	22.936	1.27
75.3	6.3	1.83	22.951	0.56
75.35	6.15	2.72	22.967	0.83
75.4	6.58	2.94	22.982	0.9
75.45	6.79	2.57	22.997	0.78
75.5	6.39	2.31	23.012	0.7
75.55	6.7	2.7	23.028	0.82
75.6	5.35	2.52	23.043	0.77
75.65	4.67	3.01	23.058	0.92
75.7	3.84	2.52	23.073	0.77
75.75	5.42	2.86	23.089	0.87
75.8	6.21	2.54	23.104	0.77
75.85	6.1	2.73	23.119	0.83
75.9	6.55	2.89	23.134	0.88
75.95	7.78	3.06	23.15	0.93
76	5.39	2.69	23.165	0.82
76.05	4.69	3.1	23.18	0.94
76.1	6.85	2.69	23.195	0.82
76.15	6.92	5.26	23.211	1.6
76.2	7.46	2.45	23.226	0.75
76.25	7.73	2.51	23.241	0.76
76.3	6.87	2.15	23.256	0.66
76.35	5.93	3.26	23.271	0.99
76.4	4.97	2.79	23.287	0.85
76.45	5.48	2.34	23.302	0.71
76.5	4.74	2.86	23.317	0.87

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76.55	4.37	2.04	23.332	0.62
76.6	4.69	3.27	23.348	1
76.65	4.84	2.35	23.363	0.72
76.7	5.92	2.94	23.378	0.9
76.75	5.96	3.73	23.393	1.14
76.8	4.98	2.57	23.409	0.78
76.85	4.99	2.96	23.424	0.9
76.9	4.5	2.89	23.439	0.88
76.95	5.25	2.82	23.454	0.86
77	5.12	2.47	23.47	0.75
77.05	5.06	2.55	23.485	0.78
77.1	7.53	2.82	23.5	0.86
77.15	6.77	2.94	23.515	0.9
77.2	7.38	4.07	23.531	1.24
77.25	6.19	4.09	23.546	1.25
77.3	5.1	2.86	23.561	0.87
77.35	3.55	2.48	23.576	0.76
77.4	3.77	4.05	23.592	1.23
77.45	4.89	2.4	23.607	0.73
77.5	3.44	4.69	23.622	1.43
77.55	3.22	5.05	23.637	1.54
77.6	3.11	4.68	23.653	1.43
77.65	3.06	9.07	23.668	2.76
77.7	3.03	6.3	23.683	1.92
77.75	3.01	3.89	23.698	1.19
77.8	3.51	2.25	23.713	0.69
77.85	3.25	7.72	23.729	2.35
77.9	3.63	2.17	23.744	0.66
77.95	3.81	2.91	23.759	0.89
78	3.91	3.57	23.774	1.09
78.05	3.45	7.09	23.79	2.16
78.1	3.73	3.8	23.805	1.16
78.15	3.86	5.08	23.82	1.55
78.2	3.93	2.67	23.835	0.81
78.25	3.47	9.26	23.851	2.82
78.3	3.73	2.53	23.866	0.77
78.35	5.87	3.84	23.881	1.17
78.4	4.93	2.55	23.896	0.78
78.45	3.97	4.42	23.912	1.35
78.5	3.48	4.06	23.927	1.24
78.55	3.24	4.51	23.942	1.37
78.6	3.62	3.24	23.957	0.99
78.65	3.81	4.79	23.973	1.46
78.7	3.41	5.44	23.988	1.66
78.75	3.2	4.09	24.003	1.25
78.8	3.1	4.53	24.018	1.38
78.85	3.55	5.56	24.034	1.69
78.9	3.78	2.98	24.049	0.91
78.95	3.39	3.53	24.064	1.08
79	3.69	3.37	24.079	1.03
79.05	3.85	1.06	24.095	0.32
79.1	4.42	2.93	24.11	0.89
79.15	4.21	1.8	24.125	0.55
79.2	4.11	2.47	24.14	0.75
79.25	4.05	3.53	24.155	1.08
79.3	5.03	3.19	24.171	0.97
79.35	7.01	2.62	24.186	0.8
79.4	6.51	2.01	24.201	0.61
79.45	6.25	2.69	24.216	0.82
79.5	5.13	8.16	24.232	2.49
79.55	5.06	2.44	24.247	0.74
79.6	4.03	2.43	24.262	0.74

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79.65	3.52	2.3	24.277	0.7
79.7	3.26	4.44	24.293	1.35
79.75	3.13	2.41	24.308	0.74
79.8	3.06	4.18	24.323	1.27
79.85	3.53	2.44	24.338	0.74
79.9	3.77	2	24.354	0.61
79.95	3.88	2.92	24.369	0.89
80	4.44	1.47	24.384	0.45
80.05	4.72	1.54	24.399	0.47
80.1	4.36	1.98	24.415	0.6
80.15	4.68	1.68	24.43	0.51
80.2	4.34	1.97	24.445	0.6
80.25	4.17	1.26	24.46	0.39
80.3	4.09	2.17	24.476	0.66
80.35	3.54	1.5	24.491	0.46
80.4	4.77	1.14	24.506	0.35
80.45	3.89	1.06	24.521	0.32
80.5	3.44	1.23	24.536	0.37
80.55	3.22	0.93	24.552	0.28
80.6	3.11	0.85	24.567	0.26
80.65	3.56	0.95	24.582	0.29
80.7	3.78	1.16	24.597	0.35
80.75	3.89	1.15	24.613	0.35
80.8	4.44	0.72	24.628	0.22
80.85	4.22	0.98	24.643	0.3
80.9	4.61	1.06	24.658	0.32
80.95	5.31	1.69	24.674	0.52
81	6.65	1.38	24.689	0.42
81.05	6.33	1.35	24.704	0.41
81.1	6.66	2.45	24.719	0.75
81.15	5.83	3.22	24.735	0.98
81.2	5.92	1.44	24.75	0.44
81.25	5.96	1.48	24.765	0.45
81.3	5.48	1.83	24.78	0.56
81.35	5.24	2.76	24.796	0.84
81.4	5.12	1.8	24.811	0.55
81.45	5.06	1.65	24.826	0.5
81.5	5.03	1	24.841	0.31
81.55	5.01	1.18	24.857	0.36
81.6	5.01	1.34	24.872	0.41
81.65	5	1.26	24.887	0.38
81.7	5	1.46	24.902	0.45
81.75	5	1.42	24.918	0.43
81.8	4.5	1.91	24.933	0.58
81.85	4.25	1.46	24.948	0.45
81.9	4.13	1.2	24.963	0.36
81.95	3.56	1.14	24.978	0.35
82	3.78	1.49	24.994	0.46
82.05	3.39	1.09	25.009	0.33
82.1	3.7	1	25.024	0.3
82.15	3.85	1.16	25.039	0.35
82.2	3.92	1.19	25.055	0.36
82.25	3.96	1.02	25.07	0.31
82.3	3.98	1.03	25.085	0.32
82.35	4.99	1.06	25.1	0.32
82.4	4.5	1.31	25.116	0.4
82.45	4.75	1.29	25.131	0.39
82.5	3.87	2.89	25.146	0.88
82.55	5.44	2.87	25.161	0.87
82.6	5.22	2.88	25.177	0.88
82.65	4.11	7.5	25.192	2.29
82.7	4.55	2.67	25.207	0.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.75	4.28	2.99	25.222	0.91
82.8	4.64	3.36	25.238	1.02
82.85	5.32	5.49	25.253	1.67
82.9	3.66	1.18	25.268	0.36
82.95	3.33	2.43	25.283	0.74
83	2.66	2.11	25.299	0.64
83.05	2.83	5.05	25.314	1.54
83.1	2.92	1.71	25.329	0.52
83.15	3.96	3.06	25.344	0.93
83.2	2.48	1.4	25.36	0.43
83.25	3.24	4.31	25.375	1.31
83.3	2.12	2.16	25.39	0.66
83.35	1.56	2.63	25.405	0.8
83.4	1.28	2.22	25.42	0.68
83.45	3.14	7.11	25.436	2.17
83.5	2.57	3.32	25.451	1.01
83.55	2.28	3.63	25.466	1.11
83.6	3.14	3.49	25.481	1.06
83.65	3.57	4.99	25.497	1.52
83.7	3.79	5.91	25.512	1.8
83.75	2.89	3.34	25.527	1.02
83.8	4.95	4.29	25.542	1.31
83.85	5.97	2.56	25.558	0.78
83.9	4.99	2.83	25.573	0.86
83.95	6.99	2.12	25.588	0.65
84	8	2.32	25.603	0.71
84.05	9	1.25	25.619	0.38
84.1	8.5	1.34	25.634	0.41
84.15	7.75	0.85	25.649	0.26
84.2	7.87	0.71	25.664	0.22
84.25	6.94	1.48	25.68	0.45
84.3	5.97	2.98	25.695	0.91
84.35	5.48	0.89	25.71	0.27
84.4	4.74	0.95	25.725	0.29
84.45	3.87	0.96	25.741	0.29
84.5	3.94	3.45	25.756	1.05
84.55	3.47	0.63	25.771	0.19
84.6	3.23	0.85	25.786	0.26
84.65	3.62	0.64	25.801	0.19
84.7	3.31	2.04	25.817	0.62
84.75	3.15	1.04	25.832	0.32
84.8	3.08	2.37	25.847	0.72
84.85	3.04	1.38	25.862	0.42
84.9	3.02	1.8	25.878	0.55
84.95	3.01	0.81	25.893	0.25
85	4.5	1.51	25.908	0.46
85.05	3.25	0.89	25.923	0.27
85.1	2.63	1.31	25.939	0.4
85.15	2.81	0.98	25.954	0.3
85.2	2.41	1.01	25.969	0.31
85.25	2.2	1.4	25.984	0.43
85.3	2.1	0.83	26	0.25
85.35	2.05	0.89	26.015	0.27
85.4	2.03	0.58	26.03	0.18
85.45	2.51	0.63	26.045	0.19
85.5	2.76	0.81	26.061	0.25
85.55	2.88	0.73	26.076	0.22
85.6	2.94	0.62	26.091	0.19
85.65	2.97	0.93	26.106	0.28
85.7	2.98	0.7	26.122	0.21
85.75	2.99	1.33	26.137	0.41
85.8	3	0.91	26.152	0.28

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85.85	3	1.23	26.167	0.37
85.9	2.5	1.06	26.183	0.32
85.95	2.75	1.41	26.198	0.43
86	2.37	1.34	26.213	0.41
86.05	2.19	1.75	26.228	0.53
86.1	2.59	1.82	26.243	0.55
86.15	2.3	2.15	26.259	0.66
86.2	2.65	1.45	26.274	0.44
86.25	2.82	1.78	26.289	0.54
86.3	2.91	1.14	26.304	0.35
86.35	2.96	0.89	26.32	0.27
86.4	2.98	0.9	26.335	0.27
86.45	2.99	1.12	26.35	0.34
86.5	2.49	0.77	26.365	0.24
86.55	2.75	0.58	26.381	0.18
86.6	2.87	0.8	26.396	0.24
86.65	2.94	0.82	26.411	0.25
86.7	2.47	0.86	26.426	0.26
86.75	2.73	0.76	26.442	0.23
86.8	2.87	0.81	26.457	0.25
86.85	2.43	0.72	26.472	0.22
86.9	2.72	0.84	26.487	0.26
86.95	2.86	0.65	26.503	0.2
87	2.43	0.7	26.518	0.21
87.05	2.21	0.93	26.533	0.28
87.1	2.61	1.05	26.548	0.32
87.15	2.8	0.82	26.564	0.25
87.2	2.9	1.01	26.579	0.31
87.25	2.45	0.8	26.594	0.24
87.3	2.73	0.8	26.609	0.24
87.35	2.86	1.2	26.625	0.37
87.4	2.93	0.7	26.64	0.21
87.45	2.97	0.71	26.655	0.22
87.5	2.48	1.61	26.67	0.49
87.55	2.74	1.17	26.685	0.36
87.6	2.87	5.23	26.701	1.59
87.65	2.44	0.99	26.716	0.3
87.7	2.22	0.66	26.731	0.2
87.75	2.11	0.71	26.746	0.22
87.8	2.55	2.09	26.762	0.64
87.85	2.28	0.61	26.777	0.18
87.9	3.14	4.79	26.792	1.46
87.95	5.07	3.68	26.807	1.12
88	3.53	6.02	26.823	1.83
88.05	5.27	2.11	26.838	0.64
88.1	4.13	1.33	26.853	0.41
88.15	2.57	3.32	26.868	1.01
88.2	1.78	4.11	26.884	1.25
88.25	2.39	2.32	26.899	0.71
88.3	2.7	2.21	26.914	0.67
88.35	2.85	2.07	26.929	0.63
88.4	2.42	1.55	26.945	0.47
88.45	2.21	1.43	26.96	0.44
88.5	2.61	0.98	26.975	0.3
88.55	1.8	1.48	26.99	0.45
88.6	1.4	0.49	27.006	0.15
88.65	1.2	1.11	27.021	0.34
88.7	2.6	0.97	27.036	0.3
88.75	3.3	1.02	27.051	0.31
88.8	7.65	0.54	27.066	0.16
88.85	5.33	6.98	27.082	2.13
88.9	6.16	0.55	27.097	0.17

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
88.95	6.58	1.16	27.112	0.35
89	6.79	0.54	27.127	0.16
89.05	4.4	2.69	27.143	0.82
89.1	4.7	0.57	27.158	0.17
89.15	3.85	1.23	27.173	0.38
89.2	2.42	1.7	27.188	0.52
89.25	1.21	1.74	27.204	0.53
89.3	1.61	2.21	27.219	0.67
89.35	1.8	1.48	27.234	0.45
89.4	1.4	1.03	27.249	0.32
89.45	1.7	3.66	27.265	1.12
89.5	1.85	1.16	27.28	0.35
89.55	2.43	1.63	27.295	0.5
89.6	2.21	0.75	27.31	0.23
89.65	2.11	1.79	27.326	0.54
89.7	2.05	2.27	27.341	0.69
89.75	2.53	0.53	27.356	0.16
89.8	2.76	1.01	27.371	0.31
89.85	2.88	0.85	27.387	0.26
89.9	1.94	1.74	27.402	0.53
89.95	1.97	1.12	27.417	0.34
90	1.99	1.24	27.432	0.38
90.05	1.49	1.08	27.448	0.33
90.1	1.75	1.87	27.463	0.57
90.15	1.87	1.47	27.478	0.45
90.2	1.94	1.28	27.493	0.39
90.25	1.97	1.24	27.508	0.38
90.3	1.98	2.29	27.524	0.7
90.35	1.99	1.38	27.539	0.42
90.4	2	1.63	27.554	0.5
90.45	2.5	1.81	27.569	0.55
90.5	2.75	2.08	27.585	0.63
90.55	2.37	2.09	27.6	0.64
90.6	2.19	2.37	27.615	0.72
90.65	2.59	2.27	27.63	0.69
90.7	2.3	1.76	27.646	0.54
90.75	2.15	3.43	27.661	1.04
90.8	2.57	1.91	27.676	0.58
90.85	2.29	1.72	27.691	0.52
90.9	2.14	1.86	27.707	0.57
90.95	2.57	1.92	27.722	0.59
91	2.29	2.07	27.737	0.63
91.05	2.14	2.21	27.752	0.67
91.1	2.07	1.49	27.768	0.46
91.15	2.04	2.22	27.783	0.68
91.2	2.02	1.8	27.798	0.55
91.25	2.01	1.98	27.813	0.6
91.3	2	1.7	27.829	0.52
91.35	2	1.85	27.844	0.56
91.4	2	1.87	27.859	0.57
91.45	2	1.43	27.874	0.44
91.5	2	1.42	27.889	0.43
91.55	2	1.46	27.905	0.45
91.6	2	1.71	27.92	0.52
91.65	2	1.57	27.935	0.48
91.7	2	1.54	27.95	0.47
91.75	2	2.27	27.966	0.69
91.8	2	1.6	27.981	0.49
91.85	2	1.49	27.996	0.46
91.9	2	1.32	28.011	0.4
91.95	2	1.69	28.027	0.51
92	3	1.37	28.042	0.42

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.05	3.5	1.43	28.057	0.43
92.1	3.75	1.59	28.072	0.49
92.15	4.38	1.29	28.088	0.39
92.2	4.19	1.42	28.103	0.43
92.25	3.59	0.9	28.118	0.27
92.3	3.8	0.88	28.133	0.27
92.35	3.9	1.4	28.149	0.43
92.4	3.95	1.44	28.164	0.44
92.45	3.97	0.33	28.179	0.1
92.5	3.99	1.02	28.194	0.31
92.55	3.99	1.15	28.21	0.35
92.6	4	5.98	28.225	1.82
92.65	3.5	1.32	28.24	0.4
92.7	3.25	1.41	28.255	0.43
92.75	3.62	1.8	28.271	0.55
92.8	3.81	2.4	28.286	0.73
92.85	3.91	1.37	28.301	0.42
92.9	3.95	2.5	28.316	0.76
92.95	4.48	3.78	28.331	1.15
93	4.24	6.18	28.347	1.88
93.05	3.62	3.2	28.362	0.98
93.1	3.31	2.58	28.377	0.79
93.15	3.65	3.84	28.392	1.17
93.2	3.83	3.56	28.408	1.09
93.25	3.91	2.31	28.423	0.71
93.3	3.96	3.2	28.438	0.97
93.35	3.98	2.32	28.453	0.71
93.4	3.99	2.3	28.469	0.7
93.45	3.49	4.93	28.484	1.5
93.5	3.75	1.77	28.499	0.54
93.55	3.87	1.72	28.514	0.52
93.6	3.94	0.73	28.53	0.22
93.65	3.97	2.91	28.545	0.89
93.7	3.98	1.67	28.56	0.51
93.75	3.49	2.29	28.575	0.7
93.8	3.25	1.7	28.591	0.52
93.85	3.62	2.42	28.606	0.74
93.9	3.81	1.24	28.621	0.38
93.95	3.91	1.39	28.636	0.43
94	3.95	1.61	28.652	0.49
94.05	3.98	2.15	28.667	0.66
94.1	4.49	0.79	28.682	0.24
94.15	5.24	2.06	28.697	0.63
94.2	5.12	1.63	28.713	0.5
94.25	4.56	5.19	28.728	1.58
94.3	4.78	1.79	28.743	0.55
94.35	4.39	1.31	28.758	0.4
94.4	4.2	1.74	28.773	0.53
94.45	3.6	3.29	28.789	1
94.5	3.3	2.25	28.804	0.69
94.55	3.15	2.21	28.819	0.67
94.6	3.07	2.53	28.834	0.77
94.65	3.04	2.36	28.85	0.72
94.7	3.52	2.04	28.865	0.62
94.75	3.26	1.33	28.88	0.4
94.8	3.13	1.62	28.895	0.49
94.85	3.06	0.93	28.911	0.28
94.9	3.03	1.75	28.926	0.53
94.95	3.52	1.21	28.941	0.37
95	3.26	1.26	28.956	0.39
95.05	3.13	1.88	28.972	0.57
95.1	3.06	2.32	28.987	0.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
95.15	3.03	1.33	29.002	0.41
95.2	3.02	1.37	29.017	0.42
95.25	4.01	2.01	29.033	0.61
95.3	4	2.95	29.048	0.9
95.35	4.5	2	29.063	0.61
95.4	4.75	2.29	29.078	0.7
95.45	3.88	2.61	29.094	0.79
95.5	3.94	3.65	29.109	1.11
95.55	3.97	2.49	29.124	0.76
95.6	3.98	3.17	29.139	0.97
95.65	3.99	3.43	29.154	1.05
95.7	3.5	3.42	29.17	1.04
95.75	3.25	4.33	29.185	1.32
95.8	3.12	3.94	29.2	1.2
95.85	2.56	4.28	29.215	1.31
95.9	2.28	4.79	29.231	1.46
95.95	2.64	3.34	29.246	1.02
96	3.32	2.27	29.261	0.69
96.05	3.16	1.8	29.276	0.55
96.1	3.58	1.62	29.292	0.5
96.15	3.79	1.98	29.307	0.6
96.2	3.9	1.64	29.322	0.5
96.25	3.95	1.71	29.337	0.52
96.3	3.97	2.68	29.353	0.82
96.35	3.99	1.57	29.368	0.48
96.4	3.49	1.84	29.383	0.56
96.45	3.25	1.72	29.398	0.53
96.5	2.62	1.92	29.414	0.58
96.55	2.31	1.95	29.429	0.6
96.6	2.16	1.47	29.444	0.45
96.65	2.08	2.27	29.459	0.69
96.7	2.04	1.8	29.475	0.55
96.75	3.52	2.23	29.49	0.68
96.8	4.26	1.76	29.505	0.54
96.85	4.63	2.94	29.52	0.89
96.9	4.31	2.47	29.536	0.75
96.95	4.16	2.81	29.551	0.86
97	4.08	1.74	29.566	0.53
97.05	4.04	1.83	29.581	0.56
97.1	3.52	2.52	29.596	0.77
97.15	4.76	2.39	29.612	0.73
97.2	4.38	2.05	29.627	0.62
97.25	4.19	2.53	29.642	0.77
97.3	4.09	2.05	29.657	0.63
97.35	3.55	2.36	29.673	0.72
97.4	3.27	2.18	29.688	0.67
97.45	3.64	5.84	29.703	1.78
97.5	1.82	2.68	29.718	0.82
97.55	1.91	2.51	29.734	0.77
97.6	2.45	7.7	29.749	2.35
97.65	2.23	4.28	29.764	1.3
97.7	2.11	2.4	29.779	0.73
97.75	1.56	2.11	29.795	0.64
97.8	2.28	5.19	29.81	1.58
97.85	4.14	2.17	29.825	0.66
97.9	2.07	2.72	29.84	0.83
97.95	4.53	2.06	29.856	0.63
98	5.27	5.92	29.871	1.8
98.05	5.13	2.67	29.886	0.81
98.1	4.57	3.58	29.901	1.09
98.15	2.78	1.71	29.917	0.52
98.2	1.89	6.4	29.932	1.95

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98.25	1.95	2.87	29.947	0.87
98.3	2.47	3.5	29.962	1.07
98.35	2.24	4.78	29.978	1.46
98.4	3.62	6.06	29.993	1.85
98.45	2.31	4.67	30.008	1.42
98.5	5.15	4.61	30.023	1.4
98.55	4.58	3.04	30.038	0.93
98.6	3.79	3.22	30.054	0.98
98.65	6.89	2.53	30.069	0.77
98.7	5.45	3.65	30.084	1.11
98.75	9.72	2.76	30.099	0.84
98.8	6.86	1.66	30.115	0.51
98.85	5.43	3.25	30.13	0.99
98.9	6.22	1.08	30.145	0.33
98.95	8.61	2.01	30.16	0.61
99	6.8	1.55	30.176	0.47
99.05	5.9	2.69	30.191	0.82
99.1	8.95	1.91	30.206	0.58
99.15	6.48	1.52	30.221	0.46
99.2	8.24	2.24	30.237	0.68
99.25	10.12	2.61	30.252	0.8
99.3	10.56	1.76	30.267	0.54
99.35	8.28	1.73	30.282	0.53
99.4	10.14	1.47	30.298	0.45
99.45	10.57	3.57	30.313	1.09
99.5	9.78	3.51	30.328	1.07
99.55	9.89	3.84	30.343	1.17
99.6	8.45	1.92	30.359	0.58
99.65	8.22	2.49	30.374	0.76
99.7	8.11	2.6	30.389	0.79
99.75	7.56	1.59	30.404	0.48
99.8	7.78	1.62	30.419	0.49
99.85	7.39	2.43	30.435	0.74
99.9	7.19	1.94	30.45	0.59
99.95	7.6	1.82	30.465	0.55
100	7.3	1.4	30.48	0.43
100.05	6.65	0.62	30.496	0.19
100.1	5.82	1.19	30.511	0.36
100.15	5.41	1.48	30.526	0.45
100.2	6.21	1.7	30.541	0.52
100.25	5.6	1.12	30.557	0.34
100.3	5.3	1.59	30.572	0.48
100.35	5.65	1.46	30.587	0.44
100.4	5.83	1.54	30.602	0.47
100.45	5.41	1.21	30.618	0.37
100.5	5.71	2.3	30.633	0.7
100.55	5.35	1.55	30.648	0.47
100.6	5.18	1.74	30.663	0.53
100.65	5.09	1.32	30.679	0.4
100.7	5.04	1.87	30.694	0.57
100.75	5.52	1.6	30.709	0.49
100.8	5.76	1.53	30.724	0.47
100.85	5.38	1.65	30.74	0.5
100.9	5.19	2.76	30.755	0.84
100.95	4.6	2.13	30.77	0.65
101	4.8	1.62	30.785	0.49
101.05	5.4	1.77	30.801	0.54
101.1	6.2	3.37	30.816	1.03
101.15	6.6	1.29	30.831	0.39
101.2	6.3	1.55	30.846	0.47
101.25	6.65	1.99	30.861	0.61
101.3	6.32	1.46	30.877	0.45

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101.35	5.66	1.95	30.892	0.59
101.4	4.83	2.11	30.907	0.64
101.45	4.42	1.53	30.922	0.47
101.5	3.71	1.77	30.938	0.54
101.55	4.35	1.81	30.953	0.55
101.6	4.68	1.7	30.968	0.52
101.65	5.84	1.39	30.983	0.42
101.7	6.42	1.35	30.999	0.41
101.75	5.71	1.82	31.014	0.56
101.8	5.85	1.55	31.029	0.47
101.85	6.43	1.42	31.044	0.43
101.9	6.21	1.58	31.06	0.48
101.95	5.61	1.84	31.075	0.56
102	5.8	1.65	31.09	0.5
102.05	5.9	2.08	31.105	0.63
102.1	5.45	2.02	31.121	0.62
102.15	5.23	2.09	31.136	0.64
102.2	5.11	2.07	31.151	0.63
102.25	5.06	2.29	31.166	0.7
102.3	4.53	2.42	31.182	0.74
102.35	4.26	2.04	31.197	0.62
102.4	4.63	2.27	31.212	0.69
102.45	4.82	2.06	31.227	0.63
102.5	5.41	3.19	31.243	0.97
102.55	5.7	4.13	31.258	1.26
102.6	5.35	6.02	31.273	1.83
102.65	5.18	5.93	31.288	1.81
102.7	5.09	2.61	31.303	0.8
102.75	5.04	3.23	31.319	0.99
102.8	5.52	4.31	31.334	1.31
102.85	5.76	1.23	31.349	0.37
102.9	4.88	2.68	31.364	0.82
102.95	4.94	1.05	31.38	0.32
103	4.97	4.37	31.395	1.33
103.05	4.99	1.57	31.41	0.48
103.1	4.49	2.08	31.425	0.63
103.15	4.75	1.76	31.441	0.54
103.2	4.37	3.22	31.456	0.98
103.25	4.19	1.22	31.471	0.37
103.3	4.59	2.32	31.486	0.71
103.35	4.3	1.97	31.502	0.6
103.4	4.15	4.58	31.517	1.4
103.45	4.57	1.13	31.532	0.35
103.5	4.29	1.54	31.547	0.47
103.55	4.14	1.6	31.563	0.49
103.6	4.07	4.93	31.578	1.5
103.65	4.04	4.18	31.593	1.27
103.7	5.02	1.76	31.608	0.54
103.75	6.01	3.07	31.624	0.93
103.8	6.5	2.34	31.639	0.71
103.85	6.75	1.45	31.654	0.44
103.9	6.38	2.8	31.669	0.85
103.95	6.69	2.79	31.684	0.85
104	6.84	4.36	31.7	1.33
104.05	6.42	3.12	31.715	0.95
104.1	6.71	2.06	31.73	0.63
104.15	6.86	1.74	31.745	0.53
104.2	6.43	1.15	31.761	0.35
104.25	6.21	1.88	31.776	0.57
104.3	6.11	1.27	31.791	0.39
104.35	6.55	1.36	31.806	0.42
104.4	7.28	1.7	31.822	0.52

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104.45	7.64	4.12	31.837	1.26
104.5	8.32	2.07	31.852	0.63
104.55	7.16	1.61	31.867	0.49
104.6	6.58	1.22	31.883	0.37
104.65	5.79	4.37	31.898	1.33
104.7	5.89	1.29	31.913	0.39
104.75	5.45	4.11	31.928	1.25
104.8	4.72	1.75	31.944	0.53
104.85	4.86	4.29	31.959	1.31
104.9	4.43	3.09	31.974	0.94
104.95	4.22	2.33	31.989	0.71
105	4.11	2.13	32.005	0.65
105.05	4.05	1.48	32.02	0.45
105.1	4.03	2.06	32.035	0.63
105.15	4.51	3.04	32.05	0.93
105.2	3.76	1.8	32.066	0.55
105.25	3.88	3.54	32.081	1.08
105.3	3.94	1.8	32.096	0.55
105.35	3.47	1.38	32.111	0.42
105.4	3.23	2	32.126	0.61
105.45	3.62	1.66	32.142	0.51
105.5	3.31	1.91	32.157	0.58
105.55	3.15	1.51	32.172	0.46
105.6	3.08	1.98	32.187	0.6
105.65	3.54	1.96	32.203	0.6
105.7	3.77	2.41	32.218	0.73
105.75	3.88	2.04	32.233	0.62
105.8	3.44	1.67	32.248	0.51
105.85	3.22	2.29	32.264	0.7
105.9	2.61	2.55	32.279	0.78
105.95	2.31	1.85	32.294	0.56
106	3.15	1.83	32.309	0.56
106.05	3.58	1.88	32.325	0.57
106.1	3.29	2.45	32.34	0.75
106.15	3.64	3.06	32.355	0.93
106.2	3.82	2.04	32.37	0.62
106.25	3.41	1.99	32.386	0.61
106.3	3.71	1.75	32.401	0.53
106.35	3.35	1.55	32.416	0.47
106.4	2.68	1.77	32.431	0.54
106.45	3.34	1.73	32.447	0.53
106.5	3.17	2.15	32.462	0.66
106.55	3.08	1.7	32.477	0.52
106.6	3.04	1.97	32.492	0.6
106.65	3.02	1.78	32.508	0.54
106.7	3.51	1.51	32.523	0.46
106.75	3.26	1.47	32.538	0.45
106.8	3.13	1.57	32.553	0.48
106.85	3.56	1.43	32.568	0.43
106.9	3.78	1.4	32.584	0.43
106.95	3.89	1.32	32.599	0.4
107	4.45	1.58	32.614	0.48
107.05	4.72	1.54	32.629	0.47
107.1	4.86	1.27	32.645	0.39
107.15	3.93	1.33	32.66	0.41
107.2	3.47	1.8	32.675	0.55
107.25	3.23	1.42	32.69	0.43
107.3	3.12	1.33	32.706	0.41
107.35	2.56	1.39	32.721	0.42
107.4	2.28	1.24	32.736	0.38
107.45	2.14	1.55	32.751	0.47
107.5	2.57	2.43	32.767	0.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.55	3.78	2.79	32.782	0.85
107.6	4.39	3.74	32.797	1.14
107.65	6.2	5.31	32.812	1.62
107.7	9.6	3.36	32.828	1.03
107.75	6.8	5.67	32.843	1.73
107.8	5.4	7.77	32.858	2.37
107.85	4.2	3.31	32.873	1.01
107.9	3.6	4.36	32.889	1.33
107.95	2.8	3.61	32.904	1.1
108	2.9	3.88	32.919	1.18
108.05	2.95	2.74	32.934	0.84
108.1	2.97	8.16	32.949	2.49
108.15	2.49	2.65	32.965	0.81
108.2	2.74	7.04	32.98	2.15
108.25	2.87	2.48	32.995	0.76
108.3	2.44	4.02	33.01	1.23
108.35	2.22	3.38	33.026	1.03
108.4	2.61	5.38	33.041	1.64
108.45	2.8	3.05	33.056	0.93
108.5	2.4	3.15	33.071	0.96
108.55	2.7	2.72	33.087	0.83
108.6	2.85	6.06	33.102	1.85
108.65	2.43	2.97	33.117	0.91
108.7	2.21	3.22	33.132	0.98
108.75	2.11	3.32	33.148	1.01
108.8	2.05	6.97	33.163	2.12
108.85	2.03	4.28	33.178	1.3
108.9	2.01	3.83	33.193	1.17
108.95	3.01	5.19	33.209	1.58
109	7	2.82	33.224	0.86
109.05	12.5	4.18	33.239	1.27
109.1	13.75	2.74	33.254	0.84
109.15	8.88	2.43	33.27	0.74
109.2	5.94	2.35	33.285	0.72
109.25	3.97	2.9	33.3	0.88
109.3	2.98	3.34	33.315	1.02
109.35	2.49	2.33	33.331	0.71
109.4	2.25	1.87	33.346	0.57
109.45	2.12	3.26	33.361	0.99
109.5	2.06	2.3	33.376	0.7
109.55	2.53	2.79	33.391	0.85
109.6	2.77	2.89	33.407	0.88
109.65	2.88	3.49	33.422	1.06
109.7	2.44	2.75	33.437	0.84
109.75	2.72	3.2	33.452	0.98
109.8	2.86	3.07	33.468	0.94
109.85	2.93	4.17	33.483	1.27
109.9	3.97	2.33	33.498	0.71
109.95	5.48	2.53	33.513	0.77
110	4.24	2.1	33.529	0.64
110.05	4.62	2.94	33.544	0.9
110.1	7.31	2.1	33.559	0.64
110.15	15.16	2.52	33.574	0.77
110.2	69.58	1.99	33.59	0.61
110.25	54.29	1.74	33.605	0.53
110.3	39.14	2.37	33.62	0.72
110.35	25.57	2.13	33.635	0.65
110.4	18.29	1.91	33.651	0.58
110.45	12.14	1.35	33.666	0.41
110.5	9.07	1.53	33.681	0.47
110.55	8.54	0.87	33.696	0.27
110.6	8.77	1.59	33.712	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.65	5.88	1.51	33.727	0.46
110.7	3.94	1.31	33.742	0.4
110.75	2.97	1.19	33.757	0.36
110.8	3.49	1.44	33.772	0.44
110.85	3.74	1.07	33.788	0.33
110.9	4.87	1.82	33.803	0.55
110.95	5.94	1.18	33.818	0.36
111	5.97	1.12	33.833	0.34
111.05	5.48	1.37	33.849	0.42
111.1	5.74	1.23	33.864	0.37
111.15	5.87	1.22	33.879	0.37
111.2	5.94	1.15	33.894	0.35
111.25	5.97	1.62	33.91	0.5
111.3	5.98	2.11	33.925	0.64
111.35	5.99	1.33	33.94	0.41
111.4	6	1.58	33.955	0.48
111.45	6.5	1.53	33.971	0.47
111.5	6.75	1.57	33.986	0.48
111.55	6.87	1.1	34.001	0.34
111.6	7.44	1.08	34.016	0.33
111.65	8.72	1.47	34.032	0.45
111.7	7.86	1.17	34.047	0.36
111.75	7.43	1.43	34.062	0.44
111.8	7.21	1.52	34.077	0.46
111.85	7.11	1.5	34.093	0.46
111.9	7.05	1.07	34.108	0.33
111.95	7.53	1.17	34.123	0.36
112	7.26	1.26	34.138	0.39
112.05	6.63	1.2	34.154	0.37
112.1	8.32	1.64	34.169	0.5
112.15	7.66	1.54	34.184	0.47
112.2	7.83	1.3	34.199	0.4
112.25	6.91	1.22	34.214	0.37
112.3	6.46	1.57	34.23	0.48
112.35	6.23	1.76	34.245	0.54
112.4	7.11	1.19	34.26	0.36
112.45	10.06	1.73	34.275	0.53
112.5	14.03	2.92	34.291	0.89
112.55	15.51	3.73	34.306	1.14
112.6	15.26	9.22	34.321	2.81
112.65	14.13	3.7	34.336	1.13
112.7	12.06	3.77	34.352	1.15
112.75	9.53	5.87	34.367	1.79
112.8	9.27	6.47	34.382	1.97
112.85	9.13	3.42	34.397	1.04
112.9	8.57	5.18	34.413	1.58
112.95	8.28	2.38	34.428	0.73
113	8.14	2.81	34.443	0.86
113.05	7.57	1.44	34.458	0.44
113.1	7.29	3.01	34.474	0.92
113.15	6.64	1.56	34.489	0.48
113.2	5.32	9.27	34.504	2.82
113.25	5.16	1.73	34.519	0.53
113.3	5.08	2.67	34.535	0.82
113.35	5.04	1.54	34.55	0.47
113.4	4.52	4.06	34.565	1.24
113.45	4.76	1.61	34.58	0.49
113.5	5.38	1.11	34.596	0.34
113.55	6.19	1.96	34.611	0.6
113.6	8.1	2.3	34.626	0.7
113.65	8.05	1.76	34.641	0.54
113.7	8.02	2.33	34.656	0.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.75	8.51	3.54	34.672	1.08
113.8	8.76	3.21	34.687	0.98
113.85	10.38	2.52	34.702	0.77
113.9	10.69	4.21	34.717	1.28
113.95	12.34	3.78	34.733	1.15
114	12.67	4.32	34.748	1.32
114.05	12.34	2.33	34.763	0.71
114.1	11.17	4.53	34.778	1.38
114.15	11.08	2.04	34.794	0.62
114.2	12.04	3.72	34.809	1.13
114.25	13.02	1.74	34.824	0.53
114.3	14.51	1.99	34.839	0.61
114.35	17.26	1.69	34.855	0.51
114.4	18.13	1.55	34.87	0.47
114.45	16.06	2.26	34.885	0.69
114.5	15.53	1.38	34.9	0.42
114.55	16.77	2.06	34.916	0.63
114.6	15.88	1.35	34.931	0.41
114.65	16.94	2.22	34.946	0.68
114.7	15.97	2.27	34.961	0.69
114.75	15.99	2.9	34.977	0.89
114.8	16.99	1.28	34.992	0.39
114.85	14.5	2.77	35.007	0.84
114.9	14.75	1.67	35.022	0.51
114.95	14.87	1.96	35.037	0.6
115	14.44	1.65	35.053	0.5
115.05	13.72	2.02	35.068	0.62
115.1	13.86	1.76	35.083	0.54
115.15	13.43	2.66	35.098	0.81
115.2	13.21	2.28	35.114	0.7
115.25	13.11	3.19	35.129	0.97
115.3	12.55	1.97	35.144	0.6
115.35	11.78	1.98	35.159	0.6
115.4	11.39	1.12	35.175	0.34
115.45	12.69	2.04	35.19	0.62
115.5	14.85	1.26	35.205	0.39
115.55	17.42	0.75	35.22	0.23
115.6	21.21	1.57	35.236	0.48
115.65	21.11	1.03	35.251	0.31
115.7	23.05	1.06	35.266	0.32
115.75	24.03	1.17	35.281	0.36
115.8	24.51	1.6	35.297	0.49
115.85	27.26	0.86	35.312	0.26
115.9	28.13	1	35.327	0.31
115.95	32.06	0.97	35.342	0.3
116	28.53	0.84	35.358	0.26
116.05	23.77	1.12	35.373	0.34
116.1	23.38	1.08	35.388	0.33
116.15	22.69	1.4	35.403	0.43
116.2	23.35	1.07	35.419	0.33
116.25	22.17	1.2	35.434	0.37
116.3	23.59	1.53	35.449	0.47
116.35	22.79	1.12	35.464	0.34
116.4	23.4	1.23	35.479	0.37
116.45	24.2	0.99	35.495	0.3
116.5	22.6	0.91	35.51	0.28
116.55	21.8	0.85	35.525	0.26
116.6	23.4	1.16	35.54	0.35
116.65	22.7	0.7	35.556	0.21
116.7	23.35	0.59	35.571	0.18
116.75	26.17	0.87	35.586	0.26
116.8	24.59	1.08	35.601	0.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.85	22.79	1.26	35.617	0.38
116.9	23.9	0.75	35.632	0.23
116.95	21.95	1.17	35.647	0.36
117	20.47	1.06	35.662	0.32
117.05	22.24	0.8	35.678	0.24
117.1	21.62	1.22	35.693	0.37
117.15	19.81	0.93	35.708	0.28
117.2	19.9	0.92	35.723	0.28
117.25	20.95	0.94	35.739	0.29
117.3	19.48	1.03	35.754	0.31
117.35	20.24	1.51	35.769	0.46
117.4	19.12	0.94	35.784	0.29
117.45	14.56	1.33	35.8	0.41
117.5	17.28	1.87	35.815	0.57
117.55	18.14	2.87	35.83	0.87
117.6	23.57	2.23	35.845	0.68
117.65	22.78	6.36	35.861	1.94
117.7	21.89	3.92	35.876	1.19
117.75	28.45	3.2	35.891	0.98
117.8	24.72	5.57	35.906	1.7
117.85	24.36	2.35	35.921	0.72
117.9	22.18	5.72	35.937	1.74
117.95	21.09	1.5	35.952	0.46
118	19.55	3.8	35.967	1.16
118.05	17.77	1.59	35.982	0.49
118.1	15.89	2.3	35.998	0.7
118.15	15.44	1.55	36.013	0.47
118.2	14.22	5.95	36.028	1.81
118.25	13.11	1.95	36.043	0.59
118.3	15.56	1.77	36.059	0.54
118.35	15.78	1.58	36.074	0.48
118.4	15.89	6.19	36.089	1.89
118.45	16.44	2.28	36.104	0.69
118.5	16.22	2.17	36.12	0.66
118.55	16.61	2.03	36.135	0.62
118.6	17.31	2.55	36.15	0.78
118.65	18.65	2.55	36.165	0.78
118.7	18.33	7.18	36.181	2.19
118.75	18.66	4.3	36.196	1.31
118.8	17.83	7.62	36.211	2.32
118.85	17.92	3.68	36.226	1.12
118.9	18.46	5.1	36.242	1.55
118.95	17.23	3.5	36.257	1.07
119	16.61	5.09	36.272	1.55
119.05	16.81	3.9	36.287	1.19
119.1	15.4	4.15	36.302	1.26
119.15	13.7	4.3	36.318	1.31
119.2	12.85	4.14	36.333	1.26
119.25	12.43	3.46	36.348	1.05
119.3	12.71	4.24	36.363	1.29
119.35	11.86	4.26	36.379	1.3
119.4	13.43	2.67	36.394	0.81
119.45	15.71	3.21	36.409	0.98
119.5	16.36	2.65	36.424	0.81
119.55	16.18	2.64	36.44	0.81
119.6	15.09	2.18	36.455	0.67
119.65	15.04	2.85	36.47	0.87
119.7	15.02	2.3	36.485	0.7
119.75	15.01	4.28	36.501	1.3
119.8	14.51	3.17	36.516	0.97
119.85	13.75	6.28	36.531	1.91
119.9	13.88	2.6	36.546	0.79

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
119.95	13.94	2.81	36.562	0.86
120	13.97	3.13	36.577	0.95
120.05	13.98	2.8	36.592	0.85
120.1	13.99	3.08	36.607	0.94
120.15	14	2.93	36.623	0.89
120.2	15	3.2	36.638	0.98
120.25	14.5	4.07	36.653	1.24
120.3	13.75	3.81	36.668	1.16
120.35	13.87	2.91	36.684	0.89
120.4	14.44	3.22	36.699	0.98
120.45	13.72	3.98	36.714	1.21
120.5	12.36	2.26	36.729	0.69
120.55	11.68	1.84	36.744	0.56
120.6	11.84	3.05	36.76	0.93
120.65	13.42	2.05	36.775	0.62
120.7	13.21	3.07	36.79	0.93
120.75	13.1	2.59	36.805	0.79
120.8	11.55	2.49	36.821	0.76
120.85	12.28	2.05	36.836	0.62
120.9	12.14	2.38	36.851	0.72
120.95	13.07	2.32	36.866	0.71
121	13.53	2.04	36.882	0.62
121.05	13.77	2.35	36.897	0.72
121.1	13.88	2.53	36.912	0.77
121.15	13.94	2.01	36.927	0.61
121.2	14.97	2.14	36.943	0.65
121.25	15.99	3.33	36.958	1.01
121.3	17.99	2.47	36.973	0.75
121.35	18	2.52	36.988	0.77
121.4	19	4.07	37.004	1.24
121.45	19	3.38	37.019	1.03
121.5	18	2.76	37.034	0.84
121.55	17	2.56	37.049	0.78
121.6	16.5	2.23	37.065	0.68
121.65	17.25	2.39	37.08	0.73
121.7	15.62	2.59	37.095	0.79
121.75	15.31	2.94	37.11	0.9
121.8	14.16	4.49	37.126	1.37
121.85	13.58	4.23	37.141	1.29
121.9	13.79	2.73	37.156	0.83
121.95	12.89	3.95	37.171	1.2
122	13.45	3.7	37.186	1.13
122.05	15.72	2.9	37.202	0.88
122.1	16.86	4.13	37.217	1.26
122.15	22.43	3.82	37.232	1.16
122.2	19.72	3.48	37.247	1.06
122.25	17.36	2.8	37.263	0.85
122.3	19.68	2.58	37.278	0.79
122.35	17.34	2.81	37.293	0.86
122.4	16.67	2.73	37.308	0.83
122.45	15.33	3.72	37.324	1.13
122.5	15.17	4.13	37.339	1.26
122.55	14.58	5.26	37.354	1.6
122.6	15.29	6.77	37.369	2.06
122.65	14.65	7.11	37.385	2.17
122.7	16.82	5.51	37.4	1.68
122.75	17.91	4.59	37.415	1.4
122.8	18.96	7.36	37.43	2.24
122.85	16.48	3.25	37.446	0.99
122.9	15.24	4.79	37.461	1.46
122.95	16.12	1.78	37.476	0.54
123	14.06	3.74	37.491	1.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.05	23.03	2.07	37.507	0.63
123.1	23.01	4.95	37.522	1.51
123.15	27.51	2	37.537	0.61
123.2	30.75	4.13	37.552	1.26
123.25	36.88	1.69	37.567	0.51
123.3	36.94	2.89	37.583	0.88
123.35	25.47	1.52	37.598	0.46
123.4	19.73	4.17	37.613	1.27
123.45	16.37	2.71	37.628	0.83
123.5	14.18	1.33	37.644	0.4
123.55	13.59	1.85	37.659	0.57
123.6	25.3	5.28	37.674	1.61
123.65	26.65	1.18	37.689	0.36
123.7	28.32	2.6	37.705	0.79
123.75	35.16	2.52	37.72	0.77
123.8	27.08	7.75	37.735	2.36
123.85	25.04	3.71	37.75	1.13
123.9	19.52	5	37.766	1.52
123.95	17.26	3.06	37.781	0.93
124	21.13	2.94	37.796	0.9
124.05	17.57	3.34	37.811	1.02
124.1	18.28	3.21	37.827	0.98
124.15	17.64	3.53	37.842	1.08
124.2	15.32	1.96	37.857	0.6
124.25	14.16	2.52	37.872	0.77
124.3	13.58	2.76	37.888	0.84
124.35	12.79	2.4	37.903	0.73
124.4	17.4	1.72	37.918	0.52
124.45	27.2	3.35	37.933	1.02
124.5	31.6	1.98	37.949	0.6
124.55	38.8	3.06	37.964	0.93
124.6	33.4	2.84	37.979	0.87
124.65	24.7	2.58	37.994	0.79
124.7	19.35	2.22	38.009	0.68
124.75	18.17	3.58	38.025	1.09
124.8	17.09	2.72	38.04	0.83
124.85	16.54	4.51	38.055	1.37
124.9	15.77	2.46	38.07	0.75
124.95	16.39	2.91	38.086	0.89
125	15.69	2.98	38.101	0.91
125.05	16.35	3.54	38.116	1.08
125.1	15.67	3.47	38.131	1.06
125.15	15.34	4.66	38.147	1.42
125.2	15.17	4.15	38.162	1.27
125.25	15.08	3.51	38.177	1.07
125.3	14.54	3.08	38.192	0.94
125.35	14.77	3.48	38.208	1.06
125.4	15.39	2.84	38.223	0.87
125.45	13.69	6.38	38.238	1.94
125.5	13.35	2.6	38.253	0.79
125.55	14.17	2.85	38.269	0.87
125.6	15.09	2.68	38.284	0.82
125.65	21.04	1.87	38.299	0.57
125.7	25.52	2.21	38.314	0.67
125.75	26.26	2.51	38.33	0.77
125.8	20.63	2.04	38.345	0.62
125.85	17.82	2.3	38.36	0.7
125.9	15.41	2.26	38.375	0.69
125.95	13.7	2.45	38.39	0.75
126	13.85	2.19	38.406	0.67
126.05	14.43	2.14	38.421	0.65
126.1	14.71	3.75	38.436	1.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.15	14.36	2.74	38.451	0.83
126.2	14.18	2.92	38.467	0.89
126.25	14.09	3.07	38.482	0.94
126.3	14.04	2.96	38.497	0.9
126.35	14.52	3.1	38.512	0.95
126.4	14.26	3.12	38.528	0.95
126.45	15.63	4.22	38.543	1.29
126.5	14.32	2.77	38.558	0.85
126.55	14.16	3.44	38.573	1.05
126.6	14.08	2.37	38.589	0.72
126.65	13.04	3.15	38.604	0.96
126.7	12.02	2.16	38.619	0.66
126.75	12.01	2.35	38.634	0.72
126.8	18.5	2.61	38.65	0.8
126.85	21.25	2.47	38.665	0.75
126.9	18.63	2.04	38.68	0.62
126.95	17.81	2.58	38.695	0.79
127	14.91	2.26	38.711	0.69
127.05	14.45	2.19	38.726	0.67
127.1	13.73	2.12	38.741	0.65
127.15	26.36	2.14	38.756	0.65
127.2	22.68	2.1	38.772	0.64
127.25	22.84	2.51	38.787	0.76
127.3	29.42	2.48	38.802	0.76
127.35	31.71	7.06	38.817	2.15
127.4	22.36	1.77	38.832	0.54
127.45	19.18	1.85	38.848	0.56
127.5	13.09	2.49	38.863	0.76
127.55	9.04	4.38	38.878	1.34
127.6	6.52	1.96	38.893	0.6
127.65	5.76	2.56	38.909	0.78
127.7	5.38	3.03	38.924	0.92
127.75	4.69	2.63	38.939	0.8
127.8	4.35	5.6	38.954	1.71
127.85	4.17	3.03	38.97	0.92
127.9	4.09	3.99	38.985	1.22
127.95	4.04	0.85	39	0.26
128	4.52	2.15	39.015	0.66
128.05	4.76	0.94	39.031	0.29
128.1	4.88	5.06	39.046	1.54
128.15	5.44	1.86	39.061	0.57
128.2	5.22	2.23	39.076	0.68
128.25	5.61	1.06	39.092	0.32
128.3	5.31	2.49	39.107	0.76
128.35	5.15	0.9	39.122	0.27
128.4	5.58	3.96	39.137	1.21
128.45	4.79	1.91	39.153	0.58
128.5	4.89	1.13	39.168	0.34
128.55	4.95	1.22	39.183	0.37
128.6	4.97	3.34	39.198	1.02
128.65	4.49	0.81	39.214	0.25
128.7	4.74	1.46	39.229	0.44
128.75	4.37	0.87	39.244	0.27
128.8	5.19	2.92	39.259	0.89
128.85	5.09	1.25	39.274	0.38
128.9	5.05	2.49	39.29	0.76
128.95	6.02	2.27	39.305	0.69
129	6.01	3.89	39.32	1.19
129.05	6.01	2.8	39.335	0.85
129.1	6.5	2.34	39.351	0.71
129.15	6.25	3.01	39.366	0.92
129.2	6.63	4.74	39.381	1.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.25	6.81	2.56	39.396	0.78
129.3	7.41	2.9	39.412	0.88
129.35	6.7	2.17	39.427	0.66
129.4	5.85	1.05	39.442	0.32
129.45	6.43	2.87	39.457	0.88
129.5	6.71	2.2	39.473	0.67
129.55	6.36	2.04	39.488	0.62
129.6	7.18	1.74	39.503	0.53
129.65	7.59	3.8	39.518	1.16
129.7	11.79	2.21	39.534	0.67
129.75	60.4	3.49	39.549	1.06
129.8	68.7	2.51	39.564	0.76
129.85	75.85	4.78	39.579	1.46
129.9	57.92	3.63	39.595	1.11
129.95	33.96	3.54	39.61	1.08
130	24.48	2.55	39.625	0.78
130.05	22.74	2.65	39.64	0.81
130.1	24.37	3.5	39.655	1.07
130.15	36.19	3.16	39.671	0.96
130.2	38.09	5.04	39.686	1.54
130.25	31.55	5.69	39.701	1.74
130.3	25.77	5.03	39.716	1.53
130.35	20.39	4.42	39.732	1.35
130.4	19.19	4.17	39.747	1.27
130.45	17.1	5.17	39.762	1.58
130.5	19.05	4.49	39.777	1.37
130.55	19.02	3.56	39.793	1.08
130.6	17.01	3.76	39.808	1.15
130.65	18.51	2.81	39.823	0.86
130.7	19.75	3.94	39.838	1.2
130.75	19.88	3.7	39.854	1.13
130.8	21.94	3.08	39.869	0.94
130.85	21.97	3.34	39.884	1.02
130.9	19.98	3.97	39.899	1.21
130.95	18.99	3.82	39.915	1.16
131	18	3.47	39.93	1.06
131.05	16	3.74	39.945	1.14
131.1	17	3.62	39.96	1.1
131.15	19	4.05	39.976	1.23
131.2	19	3.62	39.991	1.1
131.25	20.5	3.28	40.006	1
131.3	19.75	3.84	40.021	1.17
131.35	19.87	3.25	40.037	0.99
131.4	19.44	4.11	40.052	1.25
131.45	19.72	4.01	40.067	1.22
131.5	19.86	5.11	40.082	1.56
131.55	19.43	4.54	40.097	1.38
131.6	20.21	3.64	40.113	1.11

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Thu Jun 05 2008 23:28

LOG END DEPTH: 143.405 FEET

LOG END TIME: Fri Jun 06 2008 01:22

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	2934.94	13.11	0	4
0.05	2491.47	7	0.015	2.13
0.1	2119.74	13	0.03	3.96
0.15	1829.37	12.8	0.046	3.9
0.2	1947.18	14.5	0.061	4.42
0.25	2115.09	13.98	0.076	4.26
0.3	2024.05	17.6	0.091	5.36
0.35	1743.02	15.25	0.107	4.65
0.4	2124.51	18.67	0.122	5.69
0.45	2221.26	16.23	0.137	4.95
0.5	2183.63	20.01	0.152	6.1
0.55	2166.31	18.02	0.168	5.49
0.6	1957.16	18.57	0.183	5.66
0.65	1748.58	17.88	0.198	5.45
0.7	1971.79	21.62	0.213	6.59
0.75	2318.89	18.11	0.229	5.52
0.8	2053.95	18.84	0.244	5.74
0.85	1881.47	18.84	0.259	5.74
0.9	1944.24	20.37	0.274	6.21
0.95	1855.12	18.16	0.29	5.53
1	2106.06	19.22	0.305	5.86
1.05	1890.03	16.51	0.32	5.03
1.1	2298.01	15.73	0.335	4.8
1.15	2082.01	6.37	0.351	1.94
1.2	1785.5	6.43	0.366	1.96
1.25	1901.75	5.81	0.381	1.77
1.3	1560.88	0.56	0.396	0.17
1.35	980.94	4.13	0.411	1.26
1.4	1054.47	4.61	0.427	1.4
1.45	1163.73	5.14	0.442	1.57
1.5	1671.87	6.7	0.457	2.04
1.55	2001.43	7.48	0.472	2.28
1.6	3108.22	6.7	0.488	2.04
1.65	3721.61	7.63	0.503	2.33
1.7	3914.3	7.19	0.518	2.19
1.75	3777.65	7.23	0.533	2.2
1.8	3796.33	6.02	0.549	1.83
1.85	3776.16	8.29	0.564	2.53
1.9	3766.08	9.34	0.579	2.85
1.95	3879.04	13.38	0.594	4.08
2	3847.02	14.18	0.61	4.32
2.05	3860.51	16.11	0.625	4.91
2.1	3750.76	15.35	0.64	4.68
2.15	1913.88	19.33	0.655	5.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	3140.94	17.73	0.671	5.4
2.25	3737.97	18.11	0.686	5.52
2.3	3950.48	18.06	0.701	5.5
2.35	4105.24	17.02	0.716	5.19
2.4	4077.62	18.68	0.732	5.69
2.45	4217.81	19.43	0.747	5.92
2.5	4273.41	18.97	0.762	5.78
2.55	4301.2	19.02	0.777	5.8
2.6	4153.1	19.56	0.792	5.96
2.65	3564.55	20.08	0.808	6.12
2.7	1782.28	19.57	0.823	5.96
2.75	891.14	19.81	0.838	6.04
2.8	445.57	20.62	0.853	6.29
2.85	1382.78	19.41	0.869	5.92
2.9	2179.39	19.59	0.884	5.97
2.95	2811.2	20.5	0.899	6.25
3	3589.6	20.51	0.914	6.25
3.05	3876.3	20.23	0.93	6.17
3.1	4019.65	19.64	0.945	5.99
3.15	3896.82	19.91	0.96	6.07
3.2	4081.41	20.4	0.975	6.22
3.25	3200.71	19.68	0.991	6
3.3	3602.85	19.63	1.006	5.98
3.35	3965.93	19.78	1.021	6.03
3.4	4088.96	19.84	1.036	6.05
3.45	4124.98	19.43	1.052	5.92
3.5	3882.99	17.46	1.067	5.32
3.55	3944	0	1.082	0
3.6	3850	1.14	1.097	0.35
3.65	3774	4.03	1.113	1.23
3.7	4054.5	4.91	1.128	1.5
3.75	3934.75	7	1.143	2.13
3.8	3759.38	7.49	1.158	2.28
3.85	4044.19	6.97	1.173	2.13
3.9	4186.59	8.51	1.189	2.59
3.95	3803.3	9.35	1.204	2.85
4	3061.65	2.5	1.219	0.76
4.05	3127.32	5.1	1.234	1.55
4.1	3588.66	4.18	1.25	1.27
4.15	3847.83	4.97	1.265	1.52
4.2	4053.92	4.97	1.28	1.52
4.25	4187.46	11.1	1.295	3.38
4.3	4277.73	7.81	1.311	2.38
4.35	3848.86	11.3	1.326	3.44
4.4	3608.43	12.92	1.341	3.94
4.45	1842.72	17.59	1.356	5.36
4.5	5871.36	14.49	1.372	4.42
4.55	5016.18	15.13	1.387	4.61
4.6	4675.59	17.15	1.402	5.23
4.65	4443.79	17.02	1.417	5.19
4.7	4108.9	16.44	1.433	5.01
4.75	3775.95	19.88	1.448	6.06
4.8	1887.97	18.28	1.463	5.57
4.85	943.99	17.52	1.478	5.34
4.9	471.99	18.13	1.494	5.53
4.95	2123	14.38	1.509	4.38
5	2549.5	18.79	1.524	5.73
5.05	3407.75	14.9	1.539	4.54
5.1	3809.87	19.54	1.554	5.95
5.15	1904.94	15.78	1.57	4.81
5.2	3132.47	17.26	1.585	5.26
5.25	1566.23	15.76	1.6	4.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	2749.62	15.31	1.615	4.67
5.35	2862.81	15.7	1.631	4.79
5.4	3595.9	17.35	1.646	5.29
5.45	3879.45	14.33	1.661	4.37
5.5	1978.23	18.42	1.676	5.62
5.55	989.11	13.75	1.692	4.19
5.6	2461.06	17.71	1.707	5.4
5.65	1230.53	16.99	1.722	5.18
5.7	2794.26	19.32	1.737	5.89
5.75	3478.63	16.74	1.753	5.1
5.8	3460.82	16.44	1.768	5.01
5.85	3732.91	16.9	1.783	5.15
5.9	3744.45	19.26	1.798	5.87
5.95	3360.23	15.56	1.814	4.74
6	1680.11	18.29	1.829	5.58
6.05	2893.56	14.9	1.844	4.54
6.1	3579.78	17.2	1.859	5.24
6.15	3676.89	15.09	1.875	4.6
6.2	3745.94	15.32	1.89	4.67
6.25	3809.97	15.83	1.905	4.82
6.3	3985.49	15.6	1.92	4.76
6.35	3152.74	15.91	1.935	4.85
6.4	3709.37	17.03	1.951	5.19
6.45	4034.69	17.31	1.966	5.28
6.5	3177.34	17.1	1.981	5.21
6.55	3739.17	19.86	1.996	6.05
6.6	2755.09	17.75	2.012	5.41
6.65	3557.04	17.18	2.027	5.24
6.7	1778.52	19.11	2.042	5.82
6.75	5839.26	19.74	2.057	6.02
6.8	5098.63	16.89	2.073	5.15
6.85	4602.82	19.83	2.088	6.04
6.9	4481.41	17.85	2.103	5.44
6.95	3849.2	18.73	2.118	5.71
7	4075.1	18.5	2.134	5.64
7.05	3915.55	17.96	2.149	5.47
7.1	3347.28	18.27	2.164	5.57
7.15	2341.64	19.09	2.179	5.82
7.2	2414.82	18.83	2.195	5.74
7.25	1207.41	18.09	2.21	5.52
7.3	2780.2	18.07	2.225	5.51
7.35	2522.1	20.16	2.24	6.14
7.4	2745.05	18.3	2.256	5.58
7.45	1762.53	17.74	2.271	5.41
7.5	1406.26	17.43	2.286	5.31
7.55	960.13	17.66	2.301	5.38
7.6	749.57	17.52	2.316	5.34
7.65	737.78	17.35	2.332	5.29
7.7	627.89	17.64	2.347	5.38
7.75	791.45	17.48	2.362	5.33
7.8	893.22	17.02	2.377	5.19
7.85	866.61	17.17	2.393	5.23
7.9	1313.31	17.16	2.408	5.23
7.95	1590.65	17.46	2.423	5.32
8	1279.33	18.58	2.438	5.66
8.05	1358.66	18.09	2.454	5.51
8.1	1001.33	17.09	2.469	5.21
8.15	802.67	17.42	2.484	5.31
8.2	1170.83	18.5	2.499	5.64
8.25	1648.42	17.46	2.515	5.32
8.3	824.21	16.86	2.53	5.14
8.35	2564.6	17.11	2.545	5.21

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8.4	6232.3	16.8	2.56	5.12
8.45	5144.15	5.31	2.576	1.62
8.5	4450.08	11.81	2.591	3.6
8.55	4045.54	10.74	2.606	3.27
8.6	4190.27	8.41	2.621	2.56
8.65	4061.63	6.24	2.637	1.9
8.7	4198.32	7.09	2.652	2.16
8.75	3919.66	8.11	2.667	2.47
8.8	4110.33	10.75	2.682	3.28
8.85	4080.16	9.93	2.697	3.03
8.9	3673.08	8.92	2.713	2.72
8.95	3832.54	8.24	2.728	2.51
9	3853.27	1.93	2.743	0.59
9.05	3951.64	5.33	2.758	1.62
9.1	3796.32	10.2	2.774	3.11
9.15	3835.16	5.93	2.789	1.81
9.2	3807.08	6.01	2.804	1.83
9.25	3906.04	8.66	2.819	2.64
9.3	4086.02	11.58	2.835	3.53
9.35	3701.51	13.33	2.85	4.06
9.4	3875.75	14.32	2.865	4.37
9.45	4088.38	19.37	2.88	5.91
9.5	4040.19	15.57	2.896	4.74
9.55	3581.59	16.59	2.911	5.06
9.6	3727.8	15.49	2.926	4.72
9.65	3741.9	22.55	2.941	6.87
9.7	3580.95	19.71	2.957	6.01
9.75	3610.97	23.18	2.972	7.07
9.8	3801.49	18.68	2.987	5.69
9.85	4030.74	23.79	3.002	7.25
9.9	3752.37	21.99	3.018	6.7
9.95	4006.19	20.81	3.033	6.34
10	4056.59	22.35	3.048	6.81
10.05	4195.8	23.76	3.063	7.24
10.1	4276.9	23.33	3.078	7.11
10.15	4317.45	22.37	3.094	6.82
10.2	4212.22	22.61	3.109	6.89
10.25	3898.11	20.34	3.124	6.2
10.3	4055.06	21.84	3.139	6.66
10.35	4109.03	21.68	3.155	6.61
10.4	3214.51	21.53	3.17	6.56
10.45	3713.26	16.34	3.185	4.98
10.5	4024.13	19.11	3.2	5.82
10.55	4145.06	18.75	3.216	5.72
10.6	4153.03	17.93	3.231	5.47
10.65	4260.52	17.32	3.246	5.28
10.7	4280.76	18.88	3.261	5.75
10.75	4142.88	18.91	3.277	5.76
10.8	4251.44	18.02	3.292	5.49
10.85	4258.72	17.58	3.307	5.36
10.9	4296.86	21.73	3.322	6.62
10.95	4315.93	19.99	3.338	6.09
11	4336.96	21.28	3.353	6.49
11.05	4164.48	17.03	3.368	5.19
11.1	3989.74	19.66	3.383	5.99
11.15	3902.37	18.02	3.399	5.49
11.2	3771.69	20.89	3.414	6.37
11.25	3706.34	19.61	3.429	5.98
11.3	3760.67	21.57	3.444	6.58
11.35	3729.34	19.11	3.459	5.82
11.4	3860.67	19.39	3.475	5.91
11.45	3640.33	18.5	3.49	5.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	3698.17	20.05	3.505	6.11
11.55	3756.58	17.89	3.52	5.45
11.6	3756.29	17.14	3.536	5.22
11.65	3785.65	18.2	3.551	5.55
11.7	3829.82	16.83	3.566	5.13
11.75	3763.91	17.15	3.581	5.23
11.8	3818.96	18.09	3.597	5.51
11.85	3905.48	17.47	3.612	5.32
11.9	3860.24	18.3	3.627	5.58
11.95	3837.62	18.76	3.642	5.72
12	3855.81	17.63	3.658	5.37
12.05	3864.9	17.53	3.673	5.34
12.1	3781.45	17.59	3.688	5.36
12.15	3915.73	20.34	3.703	6.2
12.2	4011.36	18.14	3.719	5.53
12.25	3770.18	18.87	3.734	5.75
12.3	3763.09	18.65	3.749	5.68
12.35	3730.55	20.21	3.764	6.16
12.4	3743.27	19.11	3.78	5.82
12.45	3838.14	19.92	3.795	6.07
12.5	3797.07	19.23	3.81	5.86
12.55	3690.53	21.11	3.825	6.44
12.6	3723.27	19.08	3.84	5.82
12.65	3545.63	20.08	3.856	6.12
12.7	3739.32	20.8	3.871	6.34
12.75	3690.16	21.81	3.886	6.65
12.8	3637.08	19.17	3.901	5.84
12.85	3639.04	19.01	3.917	5.79
12.9	3727.02	19.72	3.932	6.01
12.95	3741.51	17.99	3.947	5.48
13	3662.75	18.9	3.962	5.76
13.05	3623.38	18.86	3.978	5.75
13.1	3521.69	18.98	3.993	5.78
13.15	3697.84	18.92	4.008	5.77
13.2	3697.92	18.01	4.023	5.49
13.25	3815.46	17.62	4.039	5.37
13.3	3815.23	17.38	4.054	5.3
13.35	3874.12	16.83	4.069	5.13
13.4	3844.56	15.14	4.084	4.61
13.45	3714.28	3.38	4.1	1.03
13.5	3706.14	3.86	4.115	1.18
13.55	3731.07	0.94	4.13	0.29
13.6	3657.53	7.67	4.145	2.34
13.65	3649.27	4.93	4.161	1.5
13.7	3791.13	6.35	4.176	1.94
13.75	3744.57	7.2	4.191	2.2
13.8	3809.28	7.05	4.206	2.15
13.85	4055.14	9.18	4.221	2.8
13.9	4195.07	7.97	4.237	2.43
13.95	3918.04	5.96	4.252	1.82
14	4089.02	10.12	4.267	3.09
14.05	3766.01	9.95	4.282	3.03
14.1	4033.5	10.89	4.298	3.32
14.15	4122.75	12.96	4.313	3.95
14.2	4027.88	16.35	4.328	4.98
14.25	3862.94	13.77	4.343	4.2
14.3	3723.47	10.07	4.359	3.07
14.35	3739.73	16.49	4.374	5.03
14.4	3528.37	11.19	4.389	3.41
14.45	3501.18	16.59	4.404	5.06
14.5	3515.09	14.13	4.42	4.31
14.55	3390.55	13.93	4.435	4.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	3573.27	12.46	4.45	3.8
14.65	3694.14	17.87	4.465	5.45
14.7	3696.07	14.28	4.481	4.35
14.75	3506.53	14.1	4.496	4.3
14.8	3660.77	15.38	4.511	4.69
14.85	3796.88	17.79	4.526	5.42
14.9	3635.44	14.7	4.542	4.48
14.95	3725.22	17.06	4.557	5.2
15	3740.61	15.7	4.572	4.79
15.05	3503.31	20.39	4.587	6.21
15.1	3384.65	20.26	4.602	6.18
15.15	3429.33	20.06	4.618	6.12
15.2	3563.66	19.47	4.633	5.94
15.25	3602.33	20.64	4.648	6.29
15.3	3538.17	18.48	4.663	5.63
15.35	3561.08	19.65	4.679	5.99
15.4	3545.04	20.08	4.694	6.12
15.45	3537.02	21.14	4.709	6.44
15.5	3560.51	19.8	4.724	6.04
15.55	3805.26	20.72	4.74	6.32
15.6	3694.63	19.4	4.755	5.91
15.65	3531.31	16.3	4.77	4.97
15.7	3586.16	18.96	4.785	5.78
15.75	3557.58	17.5	4.801	5.33
15.8	3488.79	18.68	4.816	5.69
15.85	3536.39	18.48	4.831	5.63
15.9	3588.7	21.29	4.846	6.49
15.95	3402.85	18.3	4.862	5.58
16	3359.92	21.48	4.877	6.55
16.05	3338.46	17.97	4.892	5.48
16.1	3353.23	22.04	4.907	6.72
16.15	3261.12	17.82	4.923	5.43
16.2	3239.06	20.9	4.938	6.37
16.25	3228.03	20.49	4.953	6.25
16.3	3492.01	20.97	4.968	6.39
16.35	3430.01	20.31	4.983	6.19
16.4	3452	19.9	4.999	6.06
16.45	3359	19.66	5.014	5.99
16.5	3363.5	21.21	5.029	6.47
16.55	3559.75	19.82	5.044	6.04
16.6	3544.38	20.77	5.06	6.33
16.65	3456.19	21.6	5.075	6.58
16.7	3635.59	22.42	5.09	6.83
16.75	3813.8	20.57	5.105	6.27
16.8	3616.9	20.88	5.121	6.37
16.85	3466.95	19.14	5.136	5.83
16.9	3470.47	17.54	5.151	5.35
16.95	3472.24	18.8	5.166	5.73
17	3585.12	18.41	5.182	5.61
17.05	3613.06	19.33	5.197	5.89
17.1	3516.53	19.39	5.212	5.91
17.15	3495.26	18.87	5.227	5.75
17.2	3484.63	19.8	5.243	6.04
17.25	3562.82	19.52	5.258	5.95
17.3	3465.41	18.57	5.273	5.66
17.35	3524.7	20.58	5.288	6.27
17.4	3611.35	18.91	5.304	5.76
17.45	3713.18	19.52	5.319	5.95
17.5	3734.59	20.13	5.334	6.14
17.55	3716.29	21.27	5.349	6.48
17.6	3707.15	19.78	5.364	6.03
17.65	3731.57	20.45	5.38	6.23

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	3861.79	19.2	5.395	5.85
17.75	3751.39	19.81	5.41	6.04
17.8	3696.2	19.57	5.425	5.96
17.85	3640.1	20.1	5.441	6.13
17.9	3757.05	20.04	5.456	6.11
17.95	3615.52	20.37	5.471	6.21
18	3572.26	20.85	5.486	6.35
18.05	3635.13	19.39	5.502	5.91
18.1	3554.57	19.26	5.517	5.87
18.15	3541.78	18.29	5.532	5.58
18.2	3678.39	18.89	5.547	5.76
18.25	3549.2	19.22	5.563	5.86
18.3	3741.1	19.09	5.578	5.82
18.35	3529.05	19.36	5.593	5.9
18.4	3585.02	19.34	5.608	5.89
18.45	3476.51	18.97	5.624	5.78
18.5	3396.76	18.88	5.639	5.75
18.55	3547.38	0.86	5.654	0.26
18.6	3510.69	5.57	5.669	1.7
18.65	3662.84	4.84	5.685	1.47
18.7	3568.42	5.48	5.7	1.67
18.75	3494.21	4.73	5.715	1.44
18.8	3457.11	8.1	5.73	2.47
18.85	3520.55	5.48	5.745	1.67
18.9	3609.28	5.65	5.761	1.72
18.95	3682.64	7.08	5.776	2.16
19	3551.32	8.55	5.791	2.61
19.05	3540.16	10.05	5.806	3.06
19.1	3428.58	8.75	5.822	2.67
19.15	3451.29	9.93	5.837	3.03
19.2	3384.15	12.17	5.852	3.71
19.25	3541.07	10.79	5.867	3.29
19.3	3507.54	10.42	5.883	3.18
19.35	3463.77	12.45	5.898	3.79
19.4	3639.38	10.73	5.913	3.27
19.45	3697.69	11.18	5.928	3.41
19.5	3640.85	13.16	5.944	4.01
19.55	3584.92	10.51	5.959	3.2
19.6	3529.46	7.65	5.974	2.33
19.65	3642.73	11.16	5.989	3.4
19.7	3585.87	9.69	6.005	2.95
19.75	3670.93	8.6	6.02	2.62
19.8	3493.97	9.35	6.035	2.85
19.85	3654.48	11.67	6.05	3.56
19.9	3764.24	9.62	6.066	2.93
19.95	3702.62	9.45	6.081	2.88
20	3671.81	9.01	6.096	2.75
20.05	3743.41	12.25	6.111	3.73
20.1	3749.7	8.31	6.126	2.53
20.15	3811.85	10.45	6.142	3.19
20.2	3697.93	13.48	6.157	4.11
20.25	3785.96	13.68	6.172	4.17
20.3	3770.98	12.2	6.187	3.72
20.35	3705.99	15.73	6.203	4.79
20.4	3702	15.54	6.218	4.74
20.45	3643	18.2	6.233	5.55
20.5	3817.5	15.61	6.248	4.76
20.55	3700.75	17.86	6.264	5.44
20.6	3642.37	17.98	6.279	5.48
20.65	3670.19	18.91	6.294	5.76
20.7	3493.59	15.62	6.309	4.76
20.75	3567.3	18.62	6.325	5.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	3416.65	18.17	6.34	5.54
20.85	3528.82	14.35	6.355	4.37
20.9	3642.41	12.46	6.37	3.8
20.95	3613.21	10.14	6.386	3.09
21	3684.6	6.35	6.401	1.94
21.05	3691.3	5.57	6.416	1.7
21.1	3610.15	6.12	6.431	1.87
21.15	3569.58	8.44	6.447	2.57
21.2	3468.79	8.82	6.462	2.69
21.25	3612.39	10.36	6.477	3.16
21.3	3516.2	15.43	6.492	4.7
21.35	3391.1	13.43	6.507	4.09
21.4	3487.55	16.13	6.523	4.92
21.45	3402.27	14.64	6.538	4.46
21.5	3285.64	19.35	6.553	5.9
21.55	3434.82	17.78	6.568	5.42
21.6	3325.91	19.43	6.584	5.92
21.65	3247.45	19.39	6.599	5.91
21.7	3208.23	20.09	6.614	6.12
21.75	3262.61	19.31	6.629	5.88
21.8	3368.31	20.82	6.645	6.35
21.85	3421.15	19.85	6.66	6.05
21.9	3447.58	20.69	6.675	6.31
21.95	3356.79	18.88	6.69	5.75
22	3110.39	20.17	6.706	6.15
22.05	3139.7	19.35	6.721	5.9
22.1	3178.35	18.97	6.736	5.78
22.15	3150.67	19.31	6.751	5.88
22.2	3285.34	20.09	6.767	6.12
22.25	3181.17	19.19	6.782	5.85
22.3	3274.58	19.4	6.797	5.91
22.35	3374.29	19.31	6.812	5.88
22.4	3295.65	19.58	6.828	5.97
22.45	3186.32	19.4	6.843	5.91
22.5	3087.66	19.13	6.858	5.83
22.55	3280.83	19.98	6.873	6.09
22.6	3201.92	19.21	6.888	5.85
22.65	3284.96	21.58	6.904	6.58
22.7	3352.48	20.6	6.919	6.28
22.75	3149.24	18.67	6.934	5.69
22.8	3233.12	17.3	6.949	5.27
22.85	3249.56	13.85	6.965	4.22
22.9	3119.28	10.84	6.98	3.3
22.95	3098.14	11.13	6.995	3.39
23	3043.57	9.74	7.01	2.97
23.05	3016.28	8.93	7.026	2.72
23.1	3046.64	7.24	7.041	2.21
23.15	3084.82	7.81	7.056	2.38
23.2	3103.91	6.68	7.071	2.04
23.25	3113.46	6.13	7.087	1.87
23.3	3215.23	6.01	7.102	1.83
23.35	3192.11	4.43	7.117	1.35
23.4	3134.56	5.42	7.132	1.65
23.45	3128.78	4.59	7.148	1.4
23.5	3125.89	0.66	7.163	0.2
23.55	3171.44	1.78	7.178	0.54
23.6	3080.22	7.52	7.193	2.29
23.65	3101.61	5.14	7.208	1.57
23.7	3023.81	5.79	7.224	1.76
23.75	3027.9	7.9	7.239	2.41
23.8	3122.45	12.4	7.254	3.78
23.85	3034.23	9.93	7.269	3.03

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	3011.61	9.9	7.285	3.02
23.95	3164.31	11.78	7.3	3.59
24	3055.15	16.22	7.315	4.94
24.05	3066.08	2.71	7.33	0.83
24.1	3117.54	6.43	7.346	1.96
24.15	3191.77	7.04	7.361	2.15
24.2	3360.38	13.56	7.376	4.13
24.25	3264.69	6.93	7.391	2.11
24.3	3316.35	7.99	7.407	2.43
24.35	3395.17	10.45	7.422	3.19
24.4	3356.09	12.28	7.437	3.74
24.45	3415.04	10.33	7.452	3.15
24.5	3391.52	11.13	7.468	3.39
24.55	3432.76	10.86	7.483	3.31
24.6	3324.88	16.85	7.498	5.14
24.65	3246.94	14.85	7.513	4.53
24.7	3231.97	17.11	7.529	5.21
24.75	3110.49	17.21	7.544	5.24
24.8	3028.24	12.7	7.559	3.87
24.85	3098.62	13.68	7.574	4.17
24.9	3133.81	13.5	7.589	4.12
24.95	3331.41	13.46	7.605	4.1
25	3274.2	13.6	7.62	4.14
25.05	3429.1	15.77	7.635	4.81
25.1	3424.55	14.51	7.65	4.42
25.15	3737.28	14.13	7.666	4.31
25.2	3805.64	13.5	7.681	4.12
25.25	3839.82	17.55	7.696	5.35
25.3	4025.91	17.98	7.711	5.48
25.35	3777.45	18.59	7.727	5.67
25.4	3825.73	18.48	7.742	5.63
25.45	3649.86	17.91	7.757	5.46
25.5	3534.93	15.65	7.772	4.77
25.55	3645.47	16.27	7.788	4.96
25.6	3643.23	15.17	7.803	4.62
25.65	3642.12	13.75	7.818	4.19
25.7	3641.56	15.97	7.833	4.87
25.75	3429.28	15.92	7.849	4.85
25.8	3398.64	17.87	7.864	5.45
25.85	3307.82	18.83	7.879	5.74
25.9	3445.91	15.47	7.894	4.72
25.95	3459.96	14.11	7.91	4.3
26	3550.48	15.42	7.925	4.7
26.05	3567.24	14.4	7.94	4.39
26.1	3520.62	11.97	7.955	3.65
26.15	3697.31	8.26	7.97	2.52
26.2	3558.65	8.24	7.986	2.51
26.25	3463.33	6.68	8.001	2.04
26.3	3441.66	6.14	8.016	1.87
26.35	3430.83	6.3	8.031	1.92
26.4	3425.42	6.11	8.047	1.86
26.45	3321.21	5.43	8.062	1.66
26.5	3370.6	6.25	8.077	1.9
26.55	3395.3	7.57	8.092	2.31
26.6	3381.65	9.24	8.108	2.82
26.65	3349.33	7.69	8.123	2.34
26.7	3384.66	9.37	8.138	2.86
26.75	3541.33	8.48	8.153	2.58
26.8	3454.67	8.89	8.169	2.71
26.85	3576.33	11.85	8.184	3.61
26.9	3580.17	10.35	8.199	3.15
26.95	3374.58	10.57	8.214	3.22

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27	3345.79	13.92	8.23	4.24
27.05	3305.9	12.65	8.245	3.86
27.1	3336.95	12.49	8.26	3.81
27.15	3326.97	14.36	8.275	4.38
27.2	3296.49	14.96	8.291	4.56
27.25	3306.74	15.2	8.306	4.63
27.3	3445.37	14.18	8.321	4.32
27.35	3381.19	15.18	8.336	4.63
27.4	3323.59	15.35	8.351	4.68
27.45	3482.3	16.99	8.367	5.18
27.5	3451.15	17.38	8.382	5.3
27.55	3546.07	16.16	8.397	4.93
27.6	3622.04	15.53	8.412	4.73
27.65	3419.52	16.26	8.428	4.96
27.7	3318.26	15.07	8.443	4.59
27.75	3396.13	18.58	8.458	5.66
27.8	3214.06	16.35	8.473	4.98
27.85	3291.03	18.14	8.489	5.53
27.9	3207.02	16.68	8.504	5.08
27.95	3313.51	10.74	8.519	3.28
28	3393.75	14.09	8.534	4.3
28.05	3488.88	13.73	8.55	4.18
28.1	3508.94	13.54	8.565	4.13
28.15	3412.97	11.19	8.58	3.41
28.2	3364.98	12.4	8.595	3.78
28.25	3198.49	12.32	8.611	3.76
28.3	3183.75	11.9	8.626	3.63
28.35	3004.37	11.59	8.641	3.53
28.4	3186.19	11.06	8.656	3.37
28.45	3357.59	10.79	8.672	3.29
28.5	3388.8	7.8	8.687	2.38
28.55	3458.9	0.81	8.702	0.25
28.6	3695.95	11.58	8.717	3.53
28.65	3584.97	6.19	8.732	1.89
28.7	3612.99	4.23	8.748	1.29
28.75	3367.99	4.86	8.763	1.48
28.8	3368	5.55	8.778	1.69
28.85	3394	6.14	8.793	1.87
28.9	3485	5.91	8.809	1.8
28.95	3687	4.97	8.824	1.51
29	3628.5	8.66	8.839	2.64
29.05	3703.25	5.17	8.854	1.57
29.1	3528.62	10.16	8.87	3.1
29.15	3603.81	11.71	8.885	3.57
29.2	3593.91	11.32	8.9	3.45
29.25	3392.45	10.64	8.915	3.24
29.3	3461.23	10.39	8.931	3.17
29.35	3360.11	11.42	8.946	3.48
29.4	3376.06	12.05	8.961	3.67
29.45	3271.03	9.42	8.976	2.87
29.5	3432.51	9.57	8.992	2.92
29.55	3449.26	11.71	9.007	3.57
29.6	3288.63	4.5	9.022	1.37
29.65	3215.31	7.77	9.037	2.37
29.7	3553.16	7.86	9.053	2.4
29.75	3484.08	5.42	9.068	1.65
29.8	3562.54	4.83	9.083	1.47
29.85	3719.27	7.54	9.098	2.3
29.9	3562.13	5.74	9.113	1.75
29.95	3293.07	6.92	9.129	2.11
30	3381.03	8.53	9.144	2.6
30.05	3465.02	11.86	9.159	3.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	3577.51	7.33	9.174	2.23
30.15	3448.25	7.7	9.19	2.35
30.2	3496.63	5.94	9.205	1.81
30.25	3486.31	9.22	9.22	2.81
30.3	3520.66	10.4	9.235	3.17
30.35	3343.33	9.07	9.251	2.77
30.4	3195.16	7.72	9.266	2.35
30.45	3540.58	8.43	9.281	2.57
30.5	3552.79	9.3	9.296	2.83
30.55	3410.9	7.85	9.312	2.39
30.6	3463.95	6.4	9.327	1.95
30.65	3298.47	7.87	9.342	2.4
30.7	3302.24	8.58	9.357	2.61
30.75	3293.12	6.8	9.373	2.07
30.8	3222.56	10.72	9.388	3.27
30.85	3224.28	7.6	9.403	2.32
30.9	3396.14	9.65	9.418	2.94
30.95	3354.57	9.59	9.434	2.92
31	3333.78	12.52	9.449	3.82
31.05	3305.39	12.74	9.464	3.88
31.1	3133.7	15.42	9.479	4.7
31.15	3152.85	13.83	9.494	4.21
31.2	3098.92	12.07	9.51	3.68
31.25	3158.96	12.69	9.525	3.87
31.3	3148.48	11.78	9.54	3.59
31.35	3080.74	10.6	9.555	3.23
31.4	3317.37	12.95	9.571	3.95
31.45	3497.19	14.87	9.586	4.53
31.5	3699.09	17.71	9.601	5.4
31.55	3916.05	16.14	9.616	4.92
31.6	3990.52	15.49	9.632	4.72
31.65	3921.26	12.76	9.647	3.89
31.7	3855.13	13.97	9.662	4.26
31.75	3925.07	15.57	9.677	4.75
31.8	3627.03	12.02	9.693	3.66
31.85	3706.52	10.77	9.708	3.28
31.9	3595.26	11.08	9.723	3.38
31.95	3462.63	8.35	9.738	2.55
32	3656.31	13.13	9.754	4
32.05	3544.16	10.49	9.769	3.2
32.1	3396.08	11.63	9.784	3.54
32.15	3400.04	10.32	9.799	3.14
32.2	3328.02	10.38	9.814	3.16
32.25	3313.51	10.14	9.83	3.09
32.3	3496.25	8.75	9.845	2.67
32.35	3589.63	9.37	9.86	2.85
32.4	3535.31	9.53	9.875	2.91
32.45	3893.66	10.31	9.891	3.14
32.5	4104.83	10.34	9.906	3.15
32.55	4002.41	9.76	9.921	2.97
32.6	3853.21	11.33	9.936	3.45
32.65	3869.1	10.66	9.952	3.25
32.7	3755.05	8.63	9.967	2.63
32.75	3714.03	8.29	9.982	2.53
32.8	3562.51	9.94	9.997	3.03
32.85	3392.26	8.53	10.013	2.6
32.9	3312.63	8.98	10.028	2.74
32.95	3410.31	8.25	10.043	2.51
33	3325.16	6.77	10.058	2.06
33.05	3320.58	4.19	10.074	1.28
33.1	3629.79	6.37	10.089	1.94
33.15	3551.39	7.67	10.104	2.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	3681.2	8.67	10.119	2.64
33.25	3507.1	10.96	10.135	3.34
33.3	3550.05	7.88	10.15	2.4
33.35	3506.02	10.85	10.165	3.31
33.4	3486.01	10.81	10.18	3.29
33.45	3509.51	7.58	10.195	2.31
33.5	3418.75	9.61	10.211	2.93
33.55	3435.38	11.48	10.226	3.5
33.6	3423.69	0.17	10.241	0.05
33.65	3432.84	2.12	10.256	0.65
33.7	3618.92	8.74	10.272	2.67
33.75	3739.46	6.15	10.287	1.87
33.8	3836.73	7.75	10.302	2.36
33.85	3863.87	11.94	10.317	3.64
33.9	3873.43	9.98	10.333	3.04
33.95	3648.22	10.55	10.348	3.21
34	3582.11	11.58	10.363	3.53
34.05	3482.05	11.47	10.378	3.49
34.1	3407.53	9.14	10.394	2.79
34.15	3297.76	9.41	10.409	2.87
34.2	3518.38	12.87	10.424	3.92
34.25	3632.69	11.67	10.439	3.56
34.3	3762.85	13.75	10.455	4.19
34.35	3896.92	10.67	10.47	3.25
34.4	4047.46	16.34	10.485	4.98
34.45	4194.23	11.84	10.5	3.61
34.5	4223.62	16.49	10.516	5.03
34.55	4276.81	15.6	10.531	4.76
34.6	3652.4	9.81	10.546	2.99
34.65	3907.7	14.45	10.561	4.4
34.7	4133.85	14.79	10.576	4.51
34.75	4196.93	10.1	10.592	3.08
34.8	4265.96	5.11	10.607	1.56
34.85	4186.48	8.76	10.622	2.67
34.9	4118.24	6.74	10.637	2.06
34.95	3966.62	9.33	10.653	2.84
35	3949.81	6.91	10.668	2.11
35.05	3882.41	6.44	10.683	1.96
35.1	3848.7	7.73	10.698	2.36
35.15	3773.35	15.15	10.714	4.62
35.2	3651.18	13.85	10.729	4.22
35.25	3617.59	18.84	10.744	5.74
35.3	3629.29	15.34	10.759	4.67
35.35	3663.65	11.3	10.775	3.45
35.4	3652.32	13.25	10.79	4.04
35.45	3563.16	13.17	10.805	4.01
35.5	3414.58	11.02	10.82	3.36
35.55	3268.79	8.77	10.836	2.67
35.6	3292.9	9.68	10.851	2.95
35.65	3254.95	11.31	10.866	3.45
35.7	3211.97	12.55	10.881	3.83
35.75	3264.49	10.55	10.897	3.21
35.8	3240.74	10.13	10.912	3.09
35.85	3228.87	12.84	10.927	3.91
35.9	3272.94	11.12	10.942	3.39
35.95	3269.47	11.86	10.957	3.62
36	3196.23	12.99	10.973	3.96
36.05	3159.62	10.8	10.988	3.29
36.1	3095.81	9.01	11.003	2.75
36.15	3086.4	8.26	11.018	2.52
36.2	3176.2	6.25	11.034	1.91
36.25	3272.1	6.56	11.049	2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	3269.05	9.61	11.064	2.93
36.35	3243.03	8.11	11.079	2.47
36.4	3280.01	10.58	11.095	3.22
36.45	3324.01	10.68	11.11	3.26
36.5	3320.5	9.7	11.125	2.96
36.55	3480.75	10.47	11.14	3.19
36.6	3589.38	10.25	11.156	3.12
36.65	3672.69	8.59	11.171	2.62
36.7	3628.34	9.04	11.186	2.76
36.75	3578.67	8.97	11.201	2.73
36.8	3553.84	10.72	11.217	3.27
36.85	3513.92	9.31	11.232	2.84
36.9	3548.96	10.73	11.247	3.27
36.95	3594.98	9.84	11.262	3
37	3481.49	7.91	11.278	2.41
37.05	3279.24	9.23	11.293	2.81
37.1	3201.12	11.08	11.308	3.38
37.15	3116.56	8.93	11.323	2.72
37.2	3096.78	10.34	11.338	3.15
37.25	3086.89	9.18	11.354	2.8
37.3	3104.95	12.88	11.369	3.93
37.35	3090.97	10.93	11.384	3.33
37.4	3039.99	10.61	11.399	3.24
37.45	3081.49	8.92	11.415	2.72
37.5	3125.25	7.41	11.43	2.26
37.55	3221.12	8.98	11.445	2.74
37.6	3195.06	9.12	11.46	2.78
37.65	3389.53	9.87	11.476	3.01
37.7	3378.77	8.95	11.491	2.73
37.75	3426.38	10.51	11.506	3.2
37.8	3533.69	9.82	11.521	2.99
37.85	3644.85	8.32	11.537	2.54
37.9	3700.42	8.08	11.552	2.46
37.95	3642.21	7.93	11.567	2.42
38	3558.11	7.11	11.582	2.17
38.05	3387.55	6.32	11.598	1.92
38.1	3302.28	7.86	11.613	2.4
38.15	3284.14	8.77	11.628	2.67
38.2	3250.57	8.38	11.643	2.55
38.25	3233.78	9.72	11.659	2.96
38.3	3300.89	11.06	11.674	3.37
38.35	3387.45	8.89	11.689	2.71
38.4	3458.22	10.78	11.704	3.29
38.45	3466.11	9.91	11.719	3.02
38.5	3470.06	7.04	11.735	2.15
38.55	3613.03	9.75	11.75	2.97
38.6	3598.51	0	11.765	0
38.65	3706.76	8.02	11.78	2.44
38.7	3760.88	9.15	11.796	2.79
38.75	3700.94	5.51	11.811	1.68
38.8	3670.97	10.35	11.826	3.15
38.85	3742.98	8.96	11.841	2.73
38.9	3867.49	6.09	11.857	1.86
38.95	4117.75	4.36	11.872	1.33
39	4223.37	8.19	11.887	2.5
39.05	4193.19	5.29	11.902	1.61
39.1	4099.09	7.78	11.918	2.37
39.15	4131.05	7.26	11.933	2.21
39.2	4147.02	8.19	11.948	2.5
39.25	3960.51	2.04	11.963	0.62
39.3	3701.76	10.81	11.979	3.3
39.35	4029.88	9.46	11.994	2.88

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39.4	4010.94	18.75	12.009	5.71
39.45	3942.47	9.07	12.024	2.77
39.5	3849.23	9.63	12.04	2.93
39.55	3745.12	9	12.055	2.74
39.6	3750.56	12.01	12.07	3.66
39.65	3753.28	11.13	12.085	3.39
39.7	3668.64	8.98	12.1	2.74
39.75	3771.32	7.74	12.116	2.36
39.8	3706.16	11.86	12.131	3.61
39.85	3731.08	9.77	12.146	2.98
39.9	3714.54	11.48	12.161	3.5
39.95	3764.77	10.73	12.177	3.27
40	3789.89	11.73	12.192	3.58
40.05	3802.44	12.83	12.207	3.91
40.1	3750.22	11.09	12.222	3.38
40.15	3724.11	10.46	12.238	3.19
40.2	3769.56	14.23	12.253	4.34
40.25	3676.78	14.45	12.268	4.4
40.3	3716.39	16.81	12.283	5.12
40.35	3707.19	17.94	12.299	5.47
40.4	3645.6	13.59	12.314	4.14
40.45	3730.3	16.38	12.329	4.99
40.5	3714.15	16.99	12.344	5.18
40.55	3735.07	16.19	12.36	4.94
40.6	3716.54	16.72	12.375	5.1
40.65	3795.27	19.89	12.39	6.06
40.7	3805.13	16.27	12.405	4.96
40.75	3810.07	17.21	12.42	5.24
40.8	3754.03	16.52	12.436	5.03
40.85	3755.02	21.06	12.451	6.42
40.9	3726.51	18.43	12.466	5.62
40.95	3770.75	20.72	12.481	6.32
41	3851.88	16.28	12.497	4.96
41.05	3862.94	18.91	12.512	5.76
41.1	3780.47	18.99	12.527	5.79
41.15	3797.73	17.81	12.542	5.43
41.2	3747.87	18.13	12.558	5.53
41.25	3694.43	20.59	12.573	6.28
41.3	3754.72	18.39	12.588	5.61
41.35	3784.86	17.97	12.603	5.48
41.4	3799.93	17.1	12.619	5.21
41.45	3777.96	20.19	12.634	6.15
41.5	3766.98	17.73	12.649	5.4
41.55	3761.49	15.52	12.664	4.73
41.6	3758.75	16.97	12.68	5.17
41.65	3728.37	16.52	12.695	5.03
41.7	3656.19	17.21	12.71	5.25
41.75	3620.09	16.11	12.725	4.91
41.8	3630.55	16.9	12.741	5.15
41.85	3693.27	17.15	12.756	5.23
41.9	3667.14	16.55	12.771	5.04
41.95	3598.07	16.84	12.786	5.13
42	3591.03	16.91	12.801	5.15
42.05	3644.52	16.56	12.817	5.05
42.1	3586.76	18.88	12.832	5.75
42.15	3642.38	17.63	12.847	5.37
42.2	3641.69	16.31	12.862	4.97
42.25	3612.84	17.11	12.878	5.21
42.3	3570.92	18.52	12.893	5.64
42.35	3522.46	16.37	12.908	4.99
42.4	3471.23	14.93	12.923	4.55
42.45	3472.62	14.23	12.939	4.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	3556.81	15.98	12.954	4.87
42.55	3570.4	11.35	12.969	3.46
42.6	3549.7	11.27	12.984	3.43
42.65	3595.35	11.36	13	3.46
42.7	3589.68	11.19	13.015	3.41
42.75	3531.84	13.73	13.03	4.19
42.8	3502.92	12.04	13.045	3.67
42.85	3515.96	10.49	13.061	3.2
42.9	3549.98	13.38	13.076	4.08
42.95	3539.49	13.91	13.091	4.24
43	3590.24	12.4	13.106	3.78
43.05	3615.62	10.73	13.122	3.27
43.1	3599.81	12.76	13.137	3.89
43.15	3591.91	15.73	13.152	4.79
43.2	3560.45	11.51	13.167	3.51
43.25	3544.73	9.97	13.182	3.04
43.3	3564.36	10.48	13.198	3.2
43.35	3574.18	11.9	13.213	3.63
43.4	3579.09	15.14	13.228	4.61
43.45	3638.55	15.01	13.243	4.57
43.5	3639.77	12.17	13.259	3.71
43.55	3556.89	10.97	13.274	3.34
43.6	3627.44	12.79	13.289	3.9
43.65	3634.22	3.47	13.304	1.06
43.7	3724.61	4.76	13.32	1.45
43.75	3740.31	9.27	13.335	2.82
43.8	3777.65	8.97	13.35	2.73
43.85	3766.83	9.38	13.365	2.86
43.9	3761.41	8.97	13.381	2.74
43.95	3672.71	5.04	13.396	1.54
44	3656.85	6.78	13.411	2.07
44.05	3592.93	7.39	13.426	2.25
44.1	3616.96	5.89	13.442	1.8
44.15	3600.48	3.68	13.457	1.12
44.2	3592.24	6.14	13.472	1.87
44.25	3560.62	5.77	13.487	1.76
44.3	3629.31	5.89	13.503	1.8
44.35	3606.66	5.89	13.518	1.79
44.4	3710.83	6.21	13.533	1.89
44.45	3733.41	5.38	13.548	1.64
44.5	3603.71	5.57	13.563	1.7
44.55	3738.85	5.12	13.579	1.56
44.6	3661.43	7.44	13.594	2.27
44.65	3679.71	4.89	13.609	1.49
44.7	3549.86	4.42	13.624	1.35
44.75	3511.93	4.69	13.64	1.43
44.8	3414.46	5.85	13.655	1.78
44.85	3556.23	5.24	13.67	1.6
44.9	3515.12	7.47	13.685	2.28
44.95	3494.56	6.21	13.701	1.89
45	3484.28	6.71	13.716	2.05
45.05	3534.14	6.41	13.731	1.95
45.1	3531.57	4.33	13.746	1.32
45.15	3502.78	8.47	13.762	2.58
45.2	3600.39	4.44	13.777	1.35
45.25	3510.2	5	13.792	1.52
45.3	3547.1	3.84	13.807	1.17
45.35	3510.55	6.01	13.823	1.83
45.4	3604.27	3.19	13.838	0.97
45.45	3622.64	4.21	13.853	1.28
45.5	3469.82	5.43	13.868	1.65
45.55	3612.91	4.1	13.884	1.25

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45.6	3598.45	4.61	13.899	1.4
45.65	3536.23	6.45	13.914	1.97
45.7	3478.11	5.88	13.929	1.79
45.75	3423.06	6.68	13.944	2.03
45.8	3503.53	6.42	13.96	1.96
45.85	3600.76	6.22	13.975	1.9
45.9	3649.38	6.69	13.99	2.04
45.95	3702.69	7.4	14.005	2.26
46	3561.35	7.43	14.021	2.26
46.05	3517.67	11.75	14.036	3.58
46.1	3523.34	12.15	14.051	3.7
46.15	3498.67	11.08	14.066	3.38
46.2	3486.33	11.54	14.082	3.52
46.25	3563.67	14.58	14.097	4.44
46.3	3546.33	12.78	14.112	3.9
46.35	3537.67	12.1	14.127	3.69
46.4	3533.33	11.58	14.143	3.53
46.45	3644.67	11.2	14.158	3.42
46.5	3506.33	11.13	14.173	3.39
46.55	3545.17	11.39	14.188	3.47
46.6	3537.08	11.51	14.204	3.51
46.65	3505.54	8.36	14.219	2.55
46.7	3517.27	7.27	14.234	2.22
46.75	3468.64	9.46	14.249	2.88
46.8	3444.32	11.51	14.265	3.51
46.85	3432.16	9.39	14.28	2.86
46.9	3565.08	9.96	14.295	3.04
46.95	3492.54	8.07	14.31	2.46
47	3566.77	8.13	14.325	2.48
47.05	3547.89	6.22	14.341	1.9
47.1	3483.94	5.8	14.356	1.77
47.15	3533.97	5.15	14.371	1.57
47.2	3503.99	5.36	14.386	1.63
47.25	3600.99	8.09	14.402	2.46
47.3	3621	10.08	14.417	3.07
47.35	3520.5	9.37	14.432	2.86
47.4	3552.25	7.88	14.447	2.4
47.45	3434.62	9.83	14.463	3
47.5	3509.31	12.63	14.478	3.85
47.55	3519.16	11.13	14.493	3.39
47.6	3580.08	12.06	14.508	3.68
47.65	3697.54	11.56	14.524	3.52
47.7	3613.27	13.78	14.539	4.2
47.75	3571.13	13.33	14.554	4.06
47.8	3577.57	12.49	14.569	3.81
47.85	3666.78	10.77	14.585	3.28
47.9	3682.39	9.61	14.6	2.93
47.95	3605.7	7.87	14.615	2.4
48	3623.35	6.54	14.63	1.99
48.05	3548.67	4.84	14.646	1.47
48.1	3538.84	5.25	14.661	1.6
48.15	3618.42	4.89	14.676	1.49
48.2	3573.71	6.05	14.691	1.84
48.25	3635.85	6.79	14.706	2.07
48.3	3638.43	7.27	14.722	2.22
48.35	3583.71	7.54	14.737	2.3
48.4	3612.36	6.93	14.752	2.11
48.45	3570.68	6.93	14.767	2.11
48.5	3634.34	8.94	14.783	2.73
48.55	3695.17	10.62	14.798	3.24
48.6	3755.08	0	14.813	0
48.65	3873.54	5.74	14.828	1.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	3903.27	8.27	14.844	2.52
48.75	3888.64	6.77	14.859	2.06
48.8	3881.32	10.23	14.874	3.12
48.85	3848.16	10.72	14.889	3.27
48.9	3831.58	10.03	14.905	3.06
48.95	3852.79	6.88	14.92	2.1
49	3951.4	7.99	14.935	2.44
49.05	4000.7	6.67	14.95	2.03
49.1	3937.35	9.09	14.966	2.77
49.15	3935.17	3.61	14.981	1.1
49.2	3992.59	4.82	14.996	1.47
49.25	3874.29	4.74	15.011	1.45
49.3	3903.65	6.82	15.026	2.08
49.35	3888.82	5.5	15.042	1.68
49.4	3881.41	10.65	15.057	3.25
49.45	3965.71	5.98	15.072	1.82
49.5	3978.85	4.91	15.087	1.5
49.55	3926.43	5.27	15.103	1.61
49.6	3929.71	6.78	15.118	2.07
49.65	3931.36	6.1	15.133	1.86
49.7	3961.68	5.57	15.148	1.7
49.75	3947.34	4.93	15.164	1.5
49.8	3940.17	10.47	15.179	3.19
49.85	3936.58	6.94	15.194	2.12
49.9	3993.29	10.24	15.209	3.12
49.95	3963.15	8.01	15.225	2.44
50	3977.57	14.24	15.24	4.34
50.05	3925.79	12.52	15.255	3.82
50.1	3958.89	11.63	15.27	3.54
50.15	3975.45	14.31	15.286	4.36
50.2	3954.22	10.48	15.301	3.19
50.25	3973.11	13.14	15.316	4
50.3	3982.56	13.63	15.331	4.15
50.35	3957.78	11.72	15.347	3.57
50.4	3945.39	7.78	15.362	2.37
50.45	3939.19	9.25	15.377	2.82
50.5	3847.6	8.66	15.392	2.64
50.55	3890.3	7.83	15.407	2.39
50.6	3794.15	7.9	15.423	2.41
50.65	3834.07	8.82	15.438	2.69
50.7	3795.04	10.73	15.453	3.27
50.75	3775.52	9.89	15.468	3.02
50.8	3679.76	10.58	15.484	3.23
50.85	3660.38	11.75	15.499	3.58
50.9	3650.69	9.84	15.514	3
50.95	3645.84	9.28	15.529	2.83
51	3587.42	9.43	15.545	2.87
51.05	3585.71	9.93	15.56	3.03
51.1	3584.86	11.94	15.575	3.64
51.15	3641.43	10.36	15.59	3.16
51.2	3641.21	10.73	15.606	3.27
51.25	3612.61	10.84	15.621	3.3
51.3	3598.3	12.2	15.636	3.72
51.35	3591.15	11.02	15.651	3.36
51.4	3644.58	10.56	15.667	3.22
51.45	3642.79	11.22	15.682	3.42
51.5	3585.89	9.53	15.697	2.91
51.55	3613.45	8.93	15.712	2.72
51.6	3684.72	9.11	15.728	2.78
51.65	3662.86	10.68	15.743	3.26
51.7	3651.93	9.09	15.758	2.77
51.75	3703.97	7.19	15.773	2.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	3729.98	8.92	15.788	2.72
51.85	3685.49	8.41	15.804	2.56
51.9	3720.75	8.96	15.819	2.73
51.95	3738.37	8.01	15.834	2.44
52	3806.19	8.56	15.849	2.61
52.05	3810.59	8.75	15.865	2.67
52.1	3871.8	7.82	15.88	2.38
52.15	3902.4	8.16	15.895	2.49
52.2	3947.2	7.44	15.91	2.27
52.25	4027.1	7.24	15.926	2.21
52.3	4038.55	7.92	15.941	2.41
52.35	4072.77	8.55	15.956	2.61
52.4	4061.39	7.61	15.971	2.32
52.45	3997.19	7.43	15.987	2.26
52.5	4023.6	9.28	16.002	2.83
52.55	4036.8	7.55	16.017	2.3
52.6	4014.4	8.25	16.032	2.52
52.65	3944.2	7.18	16.048	2.19
52.7	3909.1	9.77	16.063	2.98
52.75	3891.55	7.62	16.078	2.32
52.8	3853.27	7.07	16.093	2.15
52.85	3863.64	6.32	16.109	1.93
52.9	3839.32	4.81	16.124	1.47
52.95	3768.66	6.32	16.139	1.93
53	3733.33	6.49	16.154	1.98
53.05	3744.66	5.79	16.169	1.77
53.1	3664.33	5.63	16.185	1.72
53.15	3652.67	6.09	16.2	1.86
53.2	3733.83	5.73	16.215	1.75
53.25	3715.92	6.21	16.23	1.89
53.3	3735.96	5.54	16.246	1.69
53.35	3688.48	5.56	16.261	1.7
53.4	3722.24	5.44	16.276	1.66
53.45	3710.12	5.28	16.291	1.61
53.5	3733.06	6.03	16.307	1.84
53.55	3687.03	6.79	16.322	2.07
53.6	3780.51	0	16.337	0
53.65	3856.76	5.7	16.352	1.74
53.7	3806.38	4.63	16.368	1.41
53.75	3752.19	7.68	16.383	2.34
53.8	3725.09	6.44	16.398	1.96
53.85	3740.55	5.49	16.413	1.67
53.9	3777.77	6.9	16.429	2.1
53.95	3766.89	5.29	16.444	1.61
54	3732.44	7.02	16.459	2.14
54.05	3686.72	6.18	16.474	1.88
54.1	3721.36	4.79	16.49	1.46
54.15	3738.68	5.07	16.505	1.54
54.2	3776.84	7.23	16.52	2.2
54.25	3708.92	4.26	16.535	1.3
54.3	3646.46	4.85	16.55	1.48
54.35	3615.23	1.3	16.566	0.4
54.4	3715.11	5.16	16.581	1.57
54.45	3649.56	3.39	16.596	1.03
54.5	3483.28	4.34	16.611	1.32
54.55	3374.64	4.74	16.627	1.44
54.6	3451.82	9.01	16.642	2.75
54.65	3462.91	5.89	16.657	1.79
54.7	3495.96	5.18	16.672	1.58
54.75	3512.48	5.22	16.688	1.59
54.8	3548.24	6.37	16.703	1.94
54.85	3538.62	5.71	16.718	1.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	3533.81	6.8	16.733	2.07
54.95	3531.4	7.2	16.749	2.19
55	3424.2	6.73	16.764	2.05
55.05	3422.1	6.91	16.779	2.11
55.1	3421.05	5.04	16.794	1.54
55.15	3394.53	7.01	16.81	2.14
55.2	3330.26	5.43	16.825	1.65
55.25	3375.13	7.88	16.84	2.4
55.3	3346.07	6.25	16.855	1.9
55.35	3257.53	6.06	16.871	1.85
55.4	3237.27	5.89	16.886	1.79
55.45	3134.63	8.96	16.901	2.73
55.5	3019.82	5.96	16.916	1.82
55.55	3025.91	3.91	16.931	1.19
55.6	2985.95	3.14	16.947	0.96
55.65	2965.98	6.11	16.962	1.86
55.7	2998.99	5.35	16.977	1.63
55.75	3157.99	6.8	16.992	2.07
55.8	3316	3.71	17.008	1.13
55.85	3316.5	5.3	17.023	1.61
55.9	3422.75	5.26	17.038	1.6
55.95	3618.87	5.06	17.053	1.54
56	3629.94	5.19	17.069	1.58
56.05	3635.47	4.5	17.084	1.37
56.1	3609.73	4.6	17.099	1.4
56.15	3653.87	6.21	17.114	1.89
56.2	3704.93	4.55	17.13	1.39
56.25	3759.97	5.94	17.145	1.81
56.3	3757.98	5.22	17.16	1.59
56.35	3670.99	5.81	17.175	1.77
56.4	3572.5	7.63	17.191	2.33
56.45	3578.25	8.86	17.206	2.7
56.5	3638.12	6.68	17.221	2.04
56.55	3556.06	7.05	17.236	2.15
56.6	3462.03	5.5	17.252	1.68
56.65	3523.02	4	17.267	1.22
56.7	3445.51	5.13	17.282	1.56
56.75	3406.75	6.33	17.297	1.93
56.8	3387.38	5.35	17.312	1.63
56.85	3302.19	3.48	17.328	1.06
56.9	3309.59	4.52	17.343	1.38
56.95	3263.3	4.75	17.358	1.45
57	3240.15	5.05	17.373	1.54
57.05	3158.57	4.14	17.389	1.26
57.1	3187.79	3.71	17.404	1.13
57.15	3178.39	6.1	17.419	1.86
57.2	3083.7	5.11	17.434	1.56
57.25	3126.35	4.33	17.45	1.32
57.3	3101.67	4.17	17.465	1.27
57.35	3003.34	3.67	17.48	1.12
57.4	2857.67	4.88	17.495	1.49
57.45	2784.83	4.69	17.511	1.43
57.5	2766.92	4.95	17.526	1.51
57.55	2739.46	5.74	17.541	1.75
57.6	2690.23	4.54	17.556	1.38
57.65	2701.11	4.37	17.572	1.33
57.7	2706.56	4.75	17.587	1.45
57.75	2727.78	4.31	17.602	1.31
57.8	2738.39	4.59	17.617	1.4
57.85	2725.19	4.03	17.632	1.23
57.9	2700.6	4.73	17.648	1.44
57.95	2799.8	5.19	17.663	1.58

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58	2881.9	3.65	17.678	1.11
58.05	2829.95	4.05	17.693	1.23
58.1	2968.47	3.49	17.709	1.06
58.15	3190.74	3.64	17.724	1.11
58.2	3207.37	4.14	17.739	1.26
58.25	3248.68	4.24	17.754	1.29
58.3	3426.34	4.27	17.77	1.3
58.35	3573.17	4.04	17.785	1.23
58.4	3677.09	4.08	17.8	1.24
58.45	3812.54	4.57	17.815	1.39
58.5	3965.77	4.52	17.831	1.38
58.55	4067.39	7.9	17.846	2.41
58.6	4106.19	0.98	17.861	0.3
58.65	4060.6	4.76	17.876	1.45
58.7	4081.3	4.21	17.892	1.28
58.75	4035.15	12.4	17.907	3.78
58.8	4015.07	6.7	17.922	2.04
58.85	3921.04	5.39	17.937	1.64
58.9	3726.02	6.72	17.953	2.05
58.95	3668.01	3.31	17.968	1.01
59	3650.5	7.09	17.983	2.16
59.05	3687.75	6.33	17.998	1.93
59.1	3736.38	4.68	18.013	1.43
59.15	3929.69	4.34	18.029	1.32
59.2	4045.34	6.4	18.044	1.95
59.25	4186.17	4.53	18.059	1.38
59.3	4199.09	4.29	18.074	1.31
59.35	4153.04	2.25	18.09	0.69
59.4	4043.02	3.72	18.105	1.13
59.45	4017.51	4.12	18.12	1.25
59.5	3857.76	6.61	18.135	2.02
59.55	3693.38	3.41	18.151	1.04
59.6	3583.69	4.74	18.166	1.45
59.65	3556.34	3.63	18.181	1.11
59.7	3386.67	3.17	18.196	0.97
59.75	3187.84	2.66	18.212	0.81
59.8	3132.42	7.15	18.227	2.18
59.85	3039.21	3.55	18.242	1.08
59.9	2992.6	4.66	18.257	1.42
59.95	2948.8	4.71	18.273	1.44
60	3035.9	7.9	18.288	2.41
60.05	3079.45	6.71	18.303	2.05
60.1	3078.23	5.17	18.318	1.57
60.15	3055.11	4.86	18.334	1.48
60.2	2980.06	6.11	18.349	1.86
60.25	2963.03	5.73	18.364	1.75
60.3	2976.01	4.25	18.379	1.29
60.35	3026.51	5.73	18.394	1.75
60.4	3097.75	6.25	18.41	1.91
60.45	3157.38	7.53	18.425	2.29
60.5	3288.69	4.11	18.44	1.25
60.55	3436.34	5.57	18.455	1.7
60.6	3510.17	2.79	18.471	0.85
60.65	3547.09	4.55	18.486	1.39
60.7	3622.54	3.81	18.501	1.16
60.75	3603.27	4.32	18.516	1.32
60.8	3538.64	3.51	18.532	1.07
60.85	3561.32	4.32	18.547	1.32
60.9	3490.66	4.87	18.562	1.48
60.95	3429.33	4.99	18.577	1.52
61	3479.16	3.84	18.593	1.17
61.05	3398.08	6.57	18.608	2

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61.1	3332.04	5.47	18.623	1.67
61.15	3299.02	4.4	18.638	1.34
61.2	3258.01	4.84	18.654	1.47
61.25	3287.51	4.91	18.669	1.5
61.3	3353.75	5.48	18.684	1.67
61.35	3309.88	4.83	18.699	1.47
61.4	3263.44	7.07	18.715	2.16
61.45	3193.22	4.27	18.73	1.3
61.5	3229.61	4.35	18.745	1.33
61.55	3223.3	4.67	18.76	1.42
61.6	3220.15	6.65	18.775	2.03
61.65	3294.08	5.81	18.791	1.77
61.7	3231.54	3.6	18.806	1.1
61.75	3177.27	4.32	18.821	1.32
61.8	3150.13	3.29	18.836	1
61.85	3136.57	3.2	18.852	0.97
61.9	3084.28	3.74	18.867	1.14
61.95	3103.64	2.81	18.882	0.86
62	3136.32	3	18.897	0.92
62.05	3106.66	3.47	18.913	1.06
62.1	3069.33	3.19	18.928	0.97
62.15	3096.17	4.24	18.943	1.29
62.2	3086.58	2.89	18.958	0.88
62.25	3037.79	3.58	18.974	1.09
62.3	3013.4	4.02	18.989	1.22
62.35	2979.7	2.87	19.004	0.88
62.4	3028.35	3.99	19.019	1.22
62.45	3030.17	3.28	19.035	1
62.5	3076.59	6.63	19.05	2.02
62.55	3011.29	3.18	19.065	0.97
62.6	3000.15	3.39	19.08	1.03
62.65	2994.57	4.33	19.096	1.32
62.7	3058.79	5.57	19.111	1.7
62.75	3023.89	3.27	19.126	1
62.8	3050.45	2.58	19.141	0.79
62.85	3158.22	2.49	19.156	0.76
62.9	3140.61	4.55	19.172	1.39
62.95	3108.81	2.95	19.187	0.9
63	3187.4	2.88	19.202	0.88
63.05	3226.7	3.95	19.217	1.2
63.1	3197.85	2.66	19.233	0.81
63.15	3183.43	2.45	19.248	0.75
63.2	3200.21	2.17	19.263	0.66
63.25	3233.11	2.72	19.278	0.83
63.3	3201.05	3.31	19.294	1.01
63.35	3116.53	2.26	19.309	0.69
63.4	3096.76	2.38	19.324	0.73
63.45	3021.38	2.99	19.339	0.91
63.5	2963.19	2.78	19.355	0.85
63.55	3043.1	8.69	19.37	2.65
63.6	3060.05	2.38	19.385	0.73
63.65	3046.02	3.97	19.4	1.21
63.7	3061.51	1.85	19.416	0.57
63.75	3069.26	4.91	19.431	1.5
63.8	3119.13	3.63	19.446	1.11
63.85	3075.56	3.27	19.461	1
63.9	3170.78	4.68	19.477	1.43
63.95	3243.89	9.5	19.492	2.9
64	3206.45	6.6	19.507	2.01
64.05	3423.72	4.78	19.522	1.46
64.1	3503.86	4.6	19.537	1.4
64.15	3410.43	5.66	19.553	1.72

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64.2	3338.22	6.94	19.568	2.11
64.25	3433.61	3.02	19.583	0.92
64.3	3325.3	4.86	19.598	1.48
64.35	3224.15	2.7	19.614	0.82
64.4	3173.58	5.59	19.629	1.7
64.45	3219.79	3.13	19.644	0.95
64.5	3171.39	4.19	19.659	1.28
64.55	3194.2	3.49	19.675	1.06
64.6	3158.6	9.73	19.69	2.97
64.65	3187.8	3.85	19.705	1.17
64.7	3109.9	3.66	19.72	1.12
64.75	3264.95	3.46	19.736	1.05
64.8	3290.97	8.67	19.751	2.64
64.85	3229.99	4.68	19.766	1.43
64.9	3176.49	3.15	19.781	0.96
64.95	3196.75	3.99	19.797	1.21
65	3308.37	4.85	19.812	1.48
65.05	3287.19	3.7	19.827	1.13
65.1	3353.59	3.3	19.842	1.01
65.15	3335.3	4.75	19.858	1.45
65.2	3351.65	4.65	19.873	1.42
65.25	3496.32	4.78	19.888	1.46
65.3	3332.66	5.7	19.903	1.74
65.35	3274.83	7.33	19.918	2.23
65.4	3245.92	7.2	19.934	2.19
65.45	3281.46	5.48	19.949	1.67
65.5	3135.23	5.6	19.964	1.71
65.55	3251.61	6.87	19.979	2.09
65.6	3210.31	2.35	19.995	0.72
65.65	3189.65	4.03	20.01	1.23
65.7	3179.33	2.3	20.025	0.7
65.75	3151.16	3.07	20.04	0.94
65.8	3160.08	3.17	20.056	0.97
65.85	3164.54	3.19	20.071	0.97
65.9	3120.77	3.02	20.086	0.92
65.95	3144.89	3.82	20.101	1.16
66	3180.94	2.92	20.117	0.89
66.05	3274.47	4.37	20.132	1.33
66.1	3198.74	2.78	20.147	0.85
66.15	3160.87	2.79	20.162	0.85
66.2	3213.43	2.32	20.178	0.71
66.25	3343.72	3.55	20.193	1.08
66.3	3355.86	3.03	20.208	0.92
66.35	3336.43	2.79	20.223	0.85
66.4	3352.21	5.16	20.239	1.57
66.45	3260.61	2.44	20.254	0.74
66.5	3146.3	4.48	20.269	1.37
66.55	2966.15	6.11	20.284	1.86
66.6	2895.58	4.68	20.3	1.43
66.65	2942.29	3.57	20.315	1.09
66.7	2827.14	2.49	20.33	0.76
66.75	2908.07	6.25	20.345	1.91
66.8	2970.04	3	20.36	0.91
66.85	2917.02	2.96	20.376	0.9
66.9	2953.01	2.32	20.391	0.71
66.95	3038	2.63	20.406	0.8
67	3080.5	1.78	20.421	0.54
67.05	2952.75	1.51	20.437	0.46
67.1	2869.38	1.95	20.452	0.59
67.15	2887.19	1.64	20.467	0.5
67.2	2799.59	1.8	20.482	0.55
67.25	2703.3	1.96	20.498	0.6

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67.3	2824.65	2.13	20.513	0.65
67.35	2768.32	2.01	20.528	0.61
67.4	2740.16	2.49	20.543	0.76
67.45	2708.08	1.54	20.559	0.47
67.5	2674.54	1.98	20.574	0.6
67.55	2624.27	1.86	20.589	0.57
67.6	2566.64	1.74	20.604	0.53
67.65	2621.32	2.24	20.62	0.68
67.7	2664.16	3.12	20.635	0.95
67.75	2605.08	1.42	20.65	0.43
67.8	2563.54	1.74	20.665	0.53
67.85	2520.27	1.8	20.681	0.55
67.9	2464.13	2.2	20.696	0.67
67.95	2402.07	1.9	20.711	0.58
68	2406.53	1.69	20.726	0.51
68.05	2455.27	1.94	20.742	0.59
68.1	2537.63	1.51	20.757	0.46
68.15	2558.82	1.72	20.772	0.52
68.2	2623.91	2	20.787	0.61
68.25	2593.45	1.57	20.802	0.48
68.3	2577.23	1.37	20.818	0.42
68.35	2717.61	1.43	20.833	0.43
68.4	2697.81	1.73	20.848	0.53
68.45	2690.9	1.45	20.863	0.44
68.5	2647.45	1.81	20.879	0.55
68.55	2651.23	1.77	20.894	0.54
68.6	2627.61	0	20.909	0
68.65	2615.81	1.9	20.924	0.58
68.7	2476.4	1.46	20.94	0.45
68.75	2388.2	4.24	20.955	1.29
68.8	2374.1	1.71	20.97	0.52
68.85	2374.55	1.76	20.985	0.54
68.9	2431.78	1.45	21.001	0.44
68.95	2491.89	5.05	21.016	1.54
69	2542.44	1.97	21.031	0.6
69.05	2594.22	5.57	21.046	1.7
69.1	2554.11	3.59	21.062	1.09
69.15	2535.06	2.76	21.077	0.84
69.2	2573.53	3.91	21.092	1.19
69.25	2645.76	3.5	21.107	1.07
69.3	2553.38	4.67	21.123	1.42
69.35	2427.69	2.35	21.138	0.72
69.4	2346.85	4.56	21.153	1.39
69.45	2319.42	2.59	21.168	0.79
69.5	2396.71	2.99	21.183	0.91
69.55	2392.36	1.45	21.199	0.44
69.6	2385.18	2.83	21.214	0.86
69.65	2475.09	3.67	21.229	1.12
69.7	2386.04	1.9	21.244	0.58
69.75	2461.02	1.51	21.26	0.46
69.8	2392.51	3.57	21.275	1.09
69.85	2394.76	1.82	21.29	0.56
69.9	2460.88	2.34	21.305	0.71
69.95	2440.44	2.57	21.321	0.78
70	2383.22	4.52	21.336	1.38
70.05	2381.11	2.25	21.351	0.68
70.1	2393.05	2.64	21.366	0.8
70.15	2557.53	1.99	21.382	0.61
70.2	2524.26	2.67	21.397	0.81
70.25	2593.13	1.68	21.412	0.51
70.3	2662.57	2.23	21.427	0.68
70.35	2580.78	3.34	21.443	1.02

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70.4	2510.89	2.71	21.458	0.82
70.45	2567.95	3.96	21.473	1.21
70.5	2609.97	2.35	21.488	0.72
70.55	2720.99	3.52	21.504	1.07
70.6	2597.49	3.43	21.519	1.04
70.65	2516.75	4.24	21.534	1.29
70.7	2446.37	2.32	21.549	0.71
70.75	2448.69	3.05	21.565	0.93
70.8	2524.34	1.44	21.58	0.44
70.85	2396.67	2.22	21.595	0.68
70.9	2524.84	0.69	21.61	0.21
70.95	2560.42	1.58	21.625	0.48
71	2545.21	1.23	21.641	0.37
71.05	2459.1	1.7	21.656	0.52
71.1	2499.05	1.63	21.671	0.5
71.15	2437.03	1.26	21.686	0.39
71.2	2306.01	1.68	21.702	0.51
71.25	2313.01	2.58	21.717	0.79
71.3	2424.5	1.75	21.732	0.53
71.35	2523.75	1.19	21.747	0.36
71.4	2539.88	1.54	21.763	0.47
71.45	2617.44	2.97	21.778	0.9
71.5	2745.72	1.71	21.793	0.52
71.55	2639.36	1.56	21.808	0.47
71.6	2644.68	2.18	21.824	0.66
71.65	2672.34	3.79	21.839	1.15
71.7	3510.17	1.62	21.854	0.49
71.75	3003.08	1.92	21.869	0.58
71.8	2729.54	2.57	21.885	0.78
71.85	2581.77	2.36	21.9	0.72
71.9	2577.89	1.91	21.915	0.58
71.95	2914.94	2.29	21.93	0.7
72	2844.47	1.83	21.946	0.56
72.05	2687.74	2.19	21.961	0.67
72.1	2853.87	1.45	21.976	0.44
72.15	2829.93	2.47	21.991	0.75
72.2	2961.97	2.52	22.007	0.77
72.25	2757.48	1.71	22.022	0.52
72.3	3559.24	2.2	22.037	0.67
72.35	3869.62	2.55	22.052	0.78
72.4	4118.31	2.61	22.067	0.79
72.45	3536.16	1.87	22.083	0.57
72.5	3452.58	2.35	22.098	0.72
72.55	3666.79	1.49	22.113	0.45
72.6	3437.39	1.86	22.128	0.57
72.65	3553.2	1.96	22.144	0.6
72.7	3880.1	2.11	22.159	0.64
72.75	3883.55	1.8	22.174	0.55
72.8	3634.27	2.08	22.189	0.63
72.85	3909.64	1.96	22.205	0.6
72.9	4138.82	2.88	22.22	0.88
72.95	3702.41	2.01	22.235	0.61
73	3924.2	2.33	22.25	0.71
73.05	4059.1	2.34	22.266	0.71
73.1	3764.05	1.67	22.281	0.51
73.15	3783.53	1.76	22.296	0.54
73.2	4000.26	2.62	22.311	0.8
73.25	4156.13	1.85	22.327	0.56
73.3	4150.07	1.77	22.342	0.54
73.35	3287.53	2.01	22.357	0.61
73.4	2947.27	2.19	22.372	0.67
73.45	2660.63	2.65	22.388	0.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	2125.82	2.28	22.403	0.7
73.55	2086.91	0.86	22.418	0.26
73.6	1983.45	1.05	22.433	0.32
73.65	1993.23	1.85	22.448	0.56
73.7	1985.11	2.14	22.464	0.65
73.75	2023.56	5.58	22.479	1.7
73.8	2208.28	2.15	22.494	0.65
73.85	2401.14	2.51	22.509	0.76
73.9	2409.07	1.79	22.525	0.55
73.95	2411.03	3.56	22.54	1.08
74	2364.52	2.15	22.555	0.65
74.05	2412.26	3.9	22.57	1.19
74.1	2352.63	3.14	22.586	0.96
74.15	2488.81	4.08	22.601	1.24
74.2	2454.91	3.59	22.616	1.1
74.25	2364.95	3.59	22.631	1.1
74.3	2346.48	4.98	22.647	1.52
74.35	2367.24	3.57	22.662	1.09
74.4	2543.62	4.56	22.677	1.39
74.45	2635.81	5.88	22.692	1.79
74.5	2462.9	4.07	22.708	1.24
74.55	2418.95	8.13	22.723	2.48
74.6	2423.98	4.96	22.738	1.51
74.65	2279.99	4	22.753	1.22
74.7	2298.99	2.75	22.769	0.84
74.75	2101	2.16	22.784	0.66
74.8	2081.5	4.28	22.799	1.31
74.85	2042.25	2.5	22.814	0.76
74.9	2154.62	2.16	22.83	0.66
74.95	2229.31	2.66	22.845	0.81
75	2250.16	2.88	22.86	0.88
75.05	2386.58	1.89	22.875	0.58
75.1	2362.79	3.46	22.89	1.05
75.15	2233.39	1.86	22.906	0.57
75.2	2278.7	6.85	22.921	2.09
75.25	2243.85	1.9	22.936	0.58
75.3	2217.92	2.22	22.951	0.68
75.35	2204.46	3.42	22.967	1.04
75.4	2389.23	3.04	22.982	0.93
75.45	2557.12	3.75	22.997	1.14
75.5	2764.56	3.78	23.012	1.15
75.55	2630.78	3.49	23.028	1.06
75.6	2789.89	6.15	23.043	1.87
75.65	2890.44	3.56	23.058	1.09
75.7	2742.72	5.8	23.073	1.77
75.75	2720.36	3.88	23.089	1.18
75.8	2643.18	2.35	23.104	0.71
75.85	2754.09	2.44	23.119	0.74
75.9	2673.55	1.66	23.134	0.51
75.95	2750.77	1.7	23.15	0.52
76	2672.39	1.32	23.165	0.4
76.05	2495.19	2.54	23.18	0.77
76.1	2489.6	1.5	23.195	0.46
76.15	2401.8	1.98	23.211	0.6
76.2	2401.4	1.48	23.226	0.45
76.25	2304.7	2.42	23.241	0.74
76.3	2367.35	2.21	23.256	0.67
76.35	2405.67	1.64	23.271	0.5
76.4	2370.34	1.62	23.287	0.49
76.45	2225.17	2.57	23.302	0.78
76.5	2205.58	1.79	23.317	0.55
76.55	2176.29	2.43	23.332	0.74

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76.6	2310.65	1.97	23.348	0.6
76.65	2287.32	2.74	23.363	0.83
76.7	2375.16	2.73	23.378	0.83
76.75	2328.58	3.94	23.393	1.2
76.8	2329.29	3.15	23.409	0.96
76.85	2278.15	4.13	23.424	1.26
76.9	2388.57	1.9	23.439	0.58
76.95	2397.79	2.15	23.454	0.65
77	2503.39	2.28	23.47	0.69
77.05	2541.2	2.93	23.485	0.89
77.1	2459.1	3.14	23.5	0.96
77.15	2465.55	1.71	23.515	0.52
77.2	2469.27	2.32	23.531	0.71
77.25	2475.64	1.82	23.546	0.56
77.3	2507.32	2.33	23.561	0.71
77.35	2433.66	2.43	23.576	0.74
77.4	2556.33	2.76	23.592	0.84
77.45	2651.66	2.09	23.607	0.64
77.5	2676.83	2.91	23.622	0.89
77.55	2594.92	2.14	23.637	0.65
77.6	2559.46	2	23.653	0.61
77.65	2570.23	1.65	23.668	0.5
77.7	2422.11	1.9	23.683	0.58
77.75	2435.56	1.83	23.698	0.56
77.8	2416.28	1.63	23.713	0.5
77.85	2621.14	1.94	23.729	0.59
77.9	2673.57	1.91	23.744	0.58
77.95	2724.28	2.01	23.759	0.61
78	2626.64	1.84	23.774	0.56
78.05	2779.82	1.93	23.79	0.59
78.1	2726.41	1.94	23.805	0.59
78.15	2660.71	1.77	23.82	0.54
78.2	2595.35	2.09	23.835	0.64
78.25	2462.68	1.37	23.851	0.42
78.3	2415.34	1.3	23.866	0.4
78.35	2282.67	1.76	23.881	0.54
78.4	2208.83	1.62	23.896	0.49
78.45	2138.92	1.32	23.912	0.4
78.5	2067.96	1.15	23.927	0.35
78.55	2174.48	1.79	23.942	0.55
78.6	2264.24	1.43	23.957	0.44
78.65	2259.62	1.76	23.973	0.54
78.7	2199.31	1.06	23.988	0.32
78.75	2218.66	3.99	24.003	1.22
78.8	2181.83	1.83	24.018	0.56
78.85	2087.41	2.88	24.034	0.88
78.9	2060.21	2.08	24.049	0.63
78.95	2045.6	4.34	24.064	1.32
79	1976.8	1.77	24.079	0.54
79.05	2038.4	2.07	24.095	0.63
79.1	1939.7	1.27	24.11	0.39
79.15	1893.85	3.45	24.125	1.05
79.2	1855.93	1.5	24.14	0.46
79.25	1881.46	2.42	24.155	0.74
79.3	1941.23	3.3	24.171	1.01
79.35	1916.62	4.33	24.186	1.32
79.4	1921.31	4.29	24.201	1.31
79.45	1956.65	4.15	24.216	1.26
79.5	2164.83	2.77	24.232	0.84
79.55	2240.91	3.15	24.247	0.96
79.6	2191.46	3.32	24.262	1.01
79.65	2439.73	4.39	24.277	1.34

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79.7	2443.86	2.91	24.293	0.89
79.75	2509.43	2.63	24.308	0.8
79.8	2573.22	4.1	24.323	1.25
79.85	2505.11	1.37	24.338	0.42
79.9	2655.05	3.11	24.354	0.95
79.95	2630.53	1.76	24.369	0.54
80	2528.26	2.9	24.384	0.88
80.05	2393.13	1.49	24.399	0.45
80.1	2381.57	1.88	24.415	0.57
80.15	2391.28	1.74	24.43	0.53
80.2	2430.64	3.14	24.445	0.96
80.25	2365.32	1.8	24.46	0.55
80.3	2521.16	1.91	24.476	0.58
80.35	2326.08	2.25	24.491	0.69
80.4	2223.04	3.1	24.506	0.95
80.45	2129.52	2.53	24.521	0.77
80.5	2092.76	2.11	24.536	0.64
80.55	2101.38	1.99	24.552	0.61
80.6	2155.19	3.08	24.567	0.94
80.65	2355.09	2.8	24.582	0.85
80.7	2418.55	4.55	24.597	1.39
80.75	2382.27	2.34	24.613	0.71
80.8	2283.14	4.79	24.628	1.46
80.85	2304.57	4.12	24.643	1.26
80.9	2371.78	3.29	24.658	1
80.95	2567.89	2	24.674	0.61
81	2630.95	1.69	24.689	0.52
81.05	2725.47	1.96	24.704	0.6
81.1	2626.24	2.93	24.719	0.89
81.15	2613.62	1.65	24.735	0.5
81.2	2674.31	1.35	24.75	0.41
81.25	2574.65	1.48	24.765	0.45
81.3	2629.33	1.53	24.78	0.47
81.35	2583.16	1.42	24.796	0.43
81.4	2490.58	1.12	24.811	0.34
81.45	2494.29	1.79	24.826	0.55
81.5	2434.65	1.45	24.841	0.44
81.55	2448.82	1.41	24.857	0.43
81.6	2359.91	1.02	24.872	0.31
81.65	2307.96	1.8	24.887	0.55
81.7	2187.48	1.35	24.902	0.41
81.75	2133.74	1.62	24.918	0.5
81.8	2090.87	1.63	24.933	0.5
81.85	2153.43	3.82	24.948	1.17
81.9	2294.72	2.04	24.963	0.62
81.95	2351.86	2.08	24.978	0.63
82	2369.43	1.27	24.994	0.39
82.05	2358.21	3.09	25.009	0.94
82.1	2278.61	2.02	25.024	0.62
82.15	2131.8	1.71	25.039	0.52
82.2	2083.9	1.26	25.055	0.38
82.25	2169.45	1.26	25.07	0.38
82.3	2174.73	1.61	25.085	0.49
82.35	2201.36	1.58	25.1	0.48
82.4	2299.18	1.32	25.116	0.4
82.45	2306.59	1.29	25.131	0.39
82.5	2339.3	1.78	25.146	0.54
82.55	2250.15	1.92	25.161	0.58
82.6	2372.57	1.67	25.177	0.51
82.65	2446.29	1.58	25.192	0.48
82.7	2572.14	1.97	25.207	0.6
82.75	2661.57	1.6	25.222	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	2582.79	1.37	25.238	0.42
82.85	2704.39	1.49	25.253	0.45
82.9	2637.7	1.32	25.268	0.4
82.95	2713.35	1.27	25.283	0.39
83	2590.67	1.58	25.299	0.48
83.05	2548.84	1.79	25.314	0.55
83.1	2568.42	1.89	25.329	0.58
83.15	2818.71	1.83	25.344	0.56
83.2	3015.85	1.42	25.36	0.43
83.25	3169.43	1.39	25.375	0.42
83.3	3202.71	2.11	25.39	0.64
83.35	3224.36	1.45	25.405	0.44
83.4	3299.68	2.04	25.42	0.62
83.45	3140.84	2.23	25.436	0.68
83.5	2867.92	2.21	25.451	0.67
83.55	2683.46	1.25	25.466	0.38
83.6	2486.23	2.15	25.481	0.66
83.65	2369.61	2.21	25.497	0.67
83.7	2241.31	0.91	25.512	0.28
83.75	2239.15	3.24	25.527	0.99
83.8	2173.08	1.58	25.542	0.48
83.85	2132.04	1.08	25.558	0.33
83.9	2163.52	1.16	25.573	0.35
83.95	2157.26	3.21	25.588	0.98
84	2171.63	1.65	25.603	0.5
84.05	2341.81	1.88	25.619	0.57
84.1	2285.41	1.72	25.634	0.52
84.15	2504.7	3.22	25.649	0.98
84.2	2411.85	1.32	25.664	0.4
84.25	2340.43	2.76	25.68	0.84
84.3	2412.71	1.2	25.695	0.36
84.35	2448.86	4.38	25.71	1.33
84.4	2478.43	2.68	25.725	0.82
84.45	2828.71	1.65	25.741	0.5
84.5	2712.36	1.9	25.756	0.58
84.55	2707.18	2.16	25.771	0.66
84.6	2620.59	4.19	25.786	1.28
84.65	2717.79	3.51	25.801	1.07
84.7	2559.4	4.91	25.817	1.5
84.75	2654.7	1.36	25.832	0.41
84.8	2751.35	3.45	25.847	1.05
84.85	2555.17	1.28	25.862	0.39
84.9	2255.59	3.41	25.878	1.04
84.95	2181.29	1.76	25.893	0.54
85	2105.15	2.86	25.908	0.87
85.05	1886.07	1.39	25.923	0.42
85.1	1939.04	2.08	25.939	0.63
85.15	1929.02	2	25.954	0.61
85.2	1972.51	2.9	25.969	0.89
85.25	1770.25	1.37	25.984	0.42
85.3	1907.13	1.63	26	0.5
85.35	2148.56	2	26.015	0.61
85.4	2428.78	4.51	26.03	1.37
85.45	2709.89	2.45	26.045	0.75
85.5	2872.95	1.47	26.061	0.45
85.55	2982.47	1.48	26.076	0.45
85.6	3116.24	4.17	26.091	1.27
85.65	3178.12	3.37	26.106	1.03
85.7	2763.06	4.44	26.122	1.35
85.75	2315.03	3.53	26.137	1.08
85.8	1984.51	2.96	26.152	0.9
85.85	1685.76	2.18	26.167	0.67

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85.9	1515.38	3.32	26.183	1.01
85.95	1543.19	3.83	26.198	1.17
86	1559.09	2.79	26.213	0.85
86.05	1811.55	1.82	26.228	0.55
86.1	1990.27	1.58	26.243	0.48
86.15	1959.64	1.45	26.259	0.44
86.2	2182.82	1	26.274	0.3
86.25	2137.41	1.28	26.289	0.39
86.3	2328.2	1.23	26.304	0.37
86.35	1958.1	1.18	26.32	0.36
86.4	2096.55	1.37	26.335	0.42
86.45	2022.78	1.31	26.35	0.4
86.5	2001.89	0.92	26.365	0.28
86.55	2078.94	1.39	26.381	0.42
86.6	2261.47	0.82	26.396	0.25
86.65	2240.74	1.46	26.411	0.45
86.7	2493.87	0.74	26.426	0.23
86.75	2610.93	0.91	26.442	0.28
86.8	2402.97	1.47	26.457	0.45
86.85	2342.98	1.75	26.472	0.53
86.9	2331.99	1.17	26.487	0.36
86.95	2256	1.8	26.503	0.55
87	2134	1.72	26.518	0.52
87.05	2040	1.51	26.533	0.46
87.1	2032	1.04	26.548	0.32
87.15	1936.5	1.08	26.564	0.33
87.2	1854.25	1.41	26.579	0.43
87.25	1875.12	2.49	26.594	0.76
87.3	1732.06	0.7	26.609	0.21
87.35	1683.53	1.18	26.625	0.36
87.4	1740.77	0.91	26.64	0.28
87.45	1705.88	0.8	26.655	0.24
87.5	1709.44	0.66	26.67	0.2
87.55	1792.72	0.69	26.685	0.21
87.6	1868.36	0.97	26.701	0.29
87.65	1791.18	0.59	26.716	0.18
87.7	1658.59	0.69	26.731	0.21
87.75	1723.8	0.69	26.746	0.21
87.8	1982.4	0.69	26.762	0.21
87.85	2226.7	0.9	26.777	0.27
87.9	2055.85	0.71	26.792	0.22
87.95	2243.42	1.02	26.807	0.31
88	2092.71	1	26.823	0.31
88.05	2156.36	1.12	26.838	0.34
88.1	2081.68	0.9	26.853	0.27
88.15	1894.84	0.83	26.868	0.25
88.2	1694.42	1.48	26.884	0.45
88.25	1651.71	1.24	26.899	0.38
88.3	1617.85	1.09	26.914	0.33
88.35	1677.43	0.9	26.929	0.28
88.4	1803.21	0.97	26.945	0.3
88.45	1635.61	0.84	26.96	0.26
88.5	1824.3	0.9	26.975	0.27
88.55	1972.65	0.8	26.99	0.24
88.6	2070.83	3.95	27.006	1.2
88.65	2253.41	2.8	27.021	0.85
88.7	1975.21	2.48	27.036	0.76
88.75	1894.6	3.77	27.051	1.15
88.8	1870.3	1.26	27.066	0.38
88.85	1863.15	0.89	27.082	0.27
88.9	1898.08	0.86	27.097	0.26
88.95	2047.04	2.65	27.112	0.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	1809.52	1.24	27.127	0.38
89.05	1865.76	0.87	27.143	0.27
89.1	1971.88	1.12	27.158	0.34
89.15	2222.94	2.45	27.173	0.75
89.2	2198.47	0.7	27.188	0.21
89.25	2028.23	2.04	27.204	0.62
89.3	1988.12	0.68	27.219	0.21
89.35	1836.06	2.4	27.234	0.73
89.4	1771.03	1.29	27.249	0.39
89.45	1729.51	2.37	27.265	0.72
89.5	1828.26	2.14	27.28	0.65
89.55	1866.13	2.54	27.295	0.78
89.6	1905.06	3.43	27.31	1.05
89.65	1862.53	2.37	27.326	0.72
89.7	2004.77	3.31	27.341	1.01
89.75	2118.38	1.35	27.356	0.41
89.8	2028.69	3.12	27.371	0.95
89.85	1945.85	3.26	27.387	0.99
89.9	1917.92	2.63	27.402	0.8
89.95	1847.46	1.49	27.417	0.45
90	1846.23	1.87	27.432	0.57
90.05	1911.62	0.44	27.448	0.14
90.1	1957.31	1.3	27.463	0.4
90.15	2107.65	0.77	27.478	0.24
90.2	2106.83	1.48	27.493	0.45
90.25	2012.41	0.83	27.508	0.25
90.3	1764.71	0.77	27.524	0.23
90.35	1728.85	1.22	27.539	0.37
90.4	2001.93	1.85	27.554	0.56
90.45	1925.96	1.1	27.569	0.34
90.5	1937.98	0.79	27.585	0.24
90.55	1990.49	0.73	27.6	0.22
90.6	1978.25	1.79	27.615	0.54
90.65	2103.12	1.35	27.63	0.41
90.7	2299.56	3.73	27.646	1.14
90.75	1984.28	1.99	27.661	0.61
90.8	1986.14	2.12	27.676	0.65
90.85	1908.07	2.58	27.691	0.79
90.9	2036.04	2.78	27.707	0.85
90.95	2142.02	2.69	27.722	0.82
91	2115.01	2.79	27.737	0.85
91.05	2115	1.39	27.752	0.42
91.1	2292.5	2.65	27.768	0.81
91.15	2109.75	1.64	27.783	0.5
91.2	2036.38	1.25	27.798	0.38
91.25	2151.19	1.03	27.813	0.31
91.3	1993.09	1.01	27.829	0.31
91.35	2002.55	0.86	27.844	0.26
91.4	2095.27	1.09	27.859	0.33
91.45	1998.64	1.14	27.874	0.35
91.5	2128.82	1.3	27.889	0.4
91.55	1984.41	0.96	27.905	0.29
91.6	2009.7	0.91	27.92	0.28
91.65	1952.35	1.3	27.935	0.4
91.7	1878.68	1.01	27.95	0.31
91.75	1768.34	1.35	27.966	0.41
91.8	1663.17	1.29	27.981	0.39
91.85	1691.58	1.5	27.996	0.46
91.9	1717.79	1.26	28.011	0.38
91.95	1675.9	1.53	28.027	0.47
92	1718.45	2.17	28.042	0.66
92.05	1666.72	2.33	28.057	0.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	1686.36	1.56	28.072	0.48
92.15	1801.18	1.72	28.088	0.52
92.2	1823.59	2.14	28.103	0.65
92.25	2015.3	2.3	28.118	0.7
92.3	2008.15	1.35	28.133	0.41
92.35	1882.57	1.94	28.149	0.59
92.4	1939.79	1.09	28.164	0.33
92.45	1950.39	0.73	28.179	0.22
92.5	1838.7	1.07	28.194	0.33
92.55	1918.85	1.01	28.21	0.31
92.6	1636.92	1.34	28.225	0.41
92.65	1566.46	1.05	28.24	0.32
92.7	1473.23	1.41	28.255	0.43
92.75	1514.62	1.1	28.271	0.33
92.8	1516.31	1.19	28.286	0.36
92.85	1634.15	1.11	28.301	0.34
92.9	1798.58	1.16	28.316	0.35
92.95	1860.29	1.35	28.331	0.41
93	1959.14	1.04	28.347	0.32
93.05	2034.57	1.11	28.362	0.34
93.1	2003.79	1.15	28.377	0.35
93.15	1816.89	1.13	28.392	0.34
93.2	1750.95	1.31	28.408	0.4
93.25	1633.97	1.49	28.423	0.45
93.3	1567.49	1.66	28.438	0.51
93.35	1638.24	1.05	28.453	0.32
93.4	1586.12	1.42	28.469	0.43
93.45	1565.06	1.69	28.484	0.51
93.5	1700.03	3.11	28.499	0.95
93.55	1616.02	4.38	28.514	1.33
93.6	1828.51	4.52	28.53	1.38
93.65	1560.25	2.59	28.545	0.79
93.7	1613.63	2.33	28.56	0.71
93.75	1531.31	4.85	28.575	1.48
93.8	1617.16	2.43	28.591	0.74
93.85	1532.08	1.36	28.606	0.41
93.9	1474.04	1.05	28.621	0.32
93.95	1533.52	5.5	28.636	1.68
94	1645.76	1.08	28.652	0.33
94.05	1547.88	1.34	28.667	0.41
94.1	1597.94	1.01	28.682	0.31
94.15	1535.47	2.19	28.697	0.67
94.2	1570.73	1.08	28.713	0.33
94.25	1577.37	2.13	28.728	0.65
94.3	1539.18	0.91	28.743	0.28
94.35	1633.59	3.99	28.758	1.21
94.4	1637.8	1.49	28.773	0.45
94.45	1670.9	2.53	28.789	0.77
94.5	1692.45	2.44	28.804	0.75
94.55	1623.22	4.83	28.819	1.47
94.6	1659.61	2.57	28.834	0.78
94.65	1551.81	3.56	28.85	1.09
94.7	1511.4	3.88	28.865	1.18
94.75	1567.2	1.77	28.88	0.54
94.8	1625.1	3.06	28.895	0.93
94.85	1549.55	2.78	28.911	0.85
94.9	1627.78	1.92	28.926	0.59
94.95	1582.39	1.16	28.941	0.35
95	1594.69	1.85	28.956	0.56
95.05	1739.85	0.57	28.972	0.17
95.1	1744.42	1.44	28.987	0.44
95.15	1841.21	1.05	29.002	0.32

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95.2	1635.11	2.05	29.017	0.62
95.25	1538.05	1.6	29.033	0.49
95.3	1651.03	1.72	29.048	0.52
95.35	1618.51	1.29	29.063	0.39
95.4	1521.76	2.87	29.078	0.88
95.45	1411.38	0.99	29.094	0.3
95.5	1472.69	1.2	29.109	0.36
95.55	1472.84	0.89	29.124	0.27
95.6	1460.42	3.72	29.139	1.13
95.65	1441.21	1.46	29.154	0.45
95.7	1540.61	1.54	29.17	0.47
95.75	1717.3	2.37	29.185	0.72
95.8	1614.15	1.85	29.2	0.56
95.85	1772.58	2.33	29.215	0.71
95.9	1780.29	3.21	29.231	0.98
95.95	1774.14	3.01	29.246	0.92
96	1641.07	1.13	29.261	0.34
96.05	1612.04	2.72	29.276	0.83
96.1	1633.52	1.67	29.292	0.51
96.15	1675.76	1.76	29.307	0.54
96.2	1642.88	1.55	29.322	0.47
96.25	1603.94	1.76	29.337	0.54
96.3	1520.47	1.4	29.353	0.43
96.35	1617.73	1.14	29.368	0.35
96.4	1527.37	1.08	29.383	0.33
96.45	1473.18	1.78	29.398	0.54
96.5	1668.09	1.76	29.414	0.54
96.55	1621.55	1.01	29.429	0.31
96.6	1562.27	1.67	29.444	0.51
96.65	1538.64	1.21	29.459	0.37
96.7	1543.32	1.6	29.475	0.49
96.75	1639.16	1.41	29.49	0.43
96.8	1498.08	0.9	29.505	0.28
96.85	1540.04	1.45	29.52	0.44
96.9	1568.52	1.2	29.536	0.37
96.95	1585.26	1.81	29.551	0.55
97	1689.13	1.74	29.566	0.53
97.05	1790.56	2.29	29.581	0.7
97.1	1904.78	1.28	29.596	0.39
97.15	1877.89	2.03	29.612	0.62
97.2	1869.95	1.81	29.627	0.55
97.25	1776.97	1.73	29.642	0.53
97.3	1708.49	1.17	29.657	0.36
97.35	1601.74	2.34	29.673	0.71
97.4	1457.37	1.15	29.688	0.35
97.45	1451.69	1.23	29.703	0.37
97.5	1440.34	1.32	29.718	0.4
97.55	1328.67	1.48	29.734	0.45
97.6	1537.34	1.78	29.749	0.54
97.65	1593.67	1.12	29.764	0.34
97.7	1618.83	1.45	29.779	0.44
97.75	1731.92	1.18	29.795	0.36
97.8	1600.46	1.5	29.81	0.46
97.85	1836.73	1.29	29.825	0.39
97.9	2031.86	1.23	29.84	0.38
97.95	2271.93	1.26	29.856	0.38
98	2433.47	1.6	29.871	0.49
98.05	2643.23	1.26	29.886	0.38
98.1	3142.12	1.66	29.901	0.51
98.15	3683.56	1.71	29.917	0.52
98.2	3624.78	1.47	29.932	0.45
98.25	3881.89	2.44	29.947	0.74

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98.3	3677.94	1.89	29.962	0.58
98.35	3412.47	1.8	29.978	0.55
98.4	3251.24	1.8	29.993	0.55
98.45	3078.12	1.69	30.008	0.52
98.5	2951.56	1.59	30.023	0.48
98.55	2948.78	1.48	30.038	0.45
98.6	3001.89	1.58	30.054	0.48
98.65	2967.94	4.33	30.069	1.32
98.7	2913.47	7.46	30.084	2.27
98.75	2864.24	4.42	30.099	1.35
98.8	2859.12	3.41	30.115	1.04
98.85	2922.06	4.85	30.13	1.48
98.9	3055.53	1.32	30.145	0.4
98.95	3118.26	3.48	30.16	1.06
99	3167.63	1.43	30.176	0.44
99.05	3262.32	2.24	30.191	0.68
99.1	3462.66	1.36	30.206	0.42
99.15	3655.33	8.01	30.221	2.44
99.2	3674.16	1.75	30.237	0.53
99.25	3869.58	3.15	30.252	0.96
99.3	4018.79	1.73	30.267	0.53
99.35	4062.4	7.52	30.282	2.29
99.4	4056.2	1.86	30.298	0.57
99.45	4024.1	2.79	30.313	0.85
99.5	4037.05	1.95	30.328	0.59
99.55	4124.52	6.24	30.343	1.9
99.6	4115.76	3.89	30.359	1.19
99.65	4187.88	6.01	30.374	1.83
99.7	4174.44	6.97	30.389	2.12
99.75	4167.72	6.88	30.404	2.1
99.8	4020.86	4.52	30.419	1.38
99.85	3747.43	4.81	30.435	1.46
99.9	3722.72	6.1	30.45	1.86
99.95	3545.36	2.36	30.465	0.72
100	3537.18	6.58	30.48	2
100.05	3617.59	2.74	30.496	0.84
100.1	3518.79	3.23	30.511	0.98
100.15	3496.4	1.02	30.526	0.31
100.2	3512.7	2.67	30.541	0.81
100.25	3440.35	1.3	30.557	0.4
100.3	3353.17	1.71	30.572	0.52
100.35	3441.09	1.56	30.587	0.48
100.4	3430.54	3.58	30.602	1.09
100.45	3323.77	2.3	30.618	0.7
100.5	3270.39	2.99	30.633	0.91
100.55	3243.69	2.07	30.648	0.63
100.6	3183.35	3.48	30.663	1.06
100.65	3086.17	1.99	30.679	0.61
100.7	3037.59	2.26	30.694	0.69
100.75	2950.79	1.99	30.709	0.61
100.8	2813.4	3.7	30.724	1.13
100.85	2781.2	3.79	30.74	1.16
100.9	2746.6	2.73	30.755	0.83
100.95	2693.8	5.22	30.77	1.59
101	2601.4	2.96	30.785	0.9
101.05	2604.2	3.59	30.801	1.09
101.1	2605.6	6.57	30.816	2
101.15	2695.8	4.86	30.831	1.48
101.2	2703.9	5.26	30.846	1.6
101.25	2707.95	3.93	30.861	1.2
101.3	2826.98	5.6	30.877	1.71
101.35	2951.99	3.35	30.892	1.02

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	3037.49	1.9	30.907	0.58
101.45	3080.25	2.46	30.922	0.75
101.5	3124.62	1.73	30.938	0.53
101.55	3195.31	2.5	30.953	0.76
101.6	3230.66	1.84	30.968	0.56
101.65	3176.83	2.29	30.983	0.7
101.7	3126.91	2.15	30.999	0.65
101.75	3036.46	2.87	31.014	0.87
101.8	2911.23	2.35	31.029	0.72
101.85	2848.61	3.39	31.044	1.03
101.9	2780.31	1.68	31.06	0.51
101.95	2746.15	2.36	31.075	0.72
102	2729.08	2.53	31.09	0.77
102.05	2702.54	3.41	31.105	1.04
102.1	2744.27	3.55	31.121	1.08
102.15	2824.63	3.48	31.136	1.06
102.2	2885.32	2.56	31.151	0.78
102.25	2981.16	3.3	31.166	1.01
102.3	3029.08	3.11	31.182	0.95
102.35	3053.04	2.6	31.197	0.79
102.4	3021.02	2.17	31.212	0.66
102.45	3049.01	5.44	31.227	1.66
102.5	3019	2.88	31.243	0.88
102.55	2941.5	3.67	31.258	1.12
102.6	2863.75	1.92	31.273	0.59
102.65	2806.38	2.02	31.288	0.61
102.7	2777.69	2.23	31.303	0.68
102.75	2820.84	1.78	31.319	0.54
102.8	2713.92	2.23	31.334	0.68
102.85	2627.46	1.86	31.349	0.57
102.9	2946.73	2.07	31.364	0.63
102.95	2776.87	2.28	31.38	0.7
103	2819.93	1.9	31.395	0.58
103.05	2908.47	2.24	31.41	0.68
103.1	3050.23	3.08	31.425	0.94
103.15	3182.62	2.77	31.441	0.84
103.2	3208.81	2.27	31.456	0.69
103.25	3224.9	2.34	31.471	0.71
103.3	3221.95	2.49	31.486	0.76
103.35	3202.48	2.23	31.502	0.68
103.4	3123.24	2.55	31.517	0.78
103.45	3114.12	2.06	31.532	0.63
103.5	3080.06	2.03	31.547	0.62
103.55	3054.03	0	31.563	0
103.6	3021.51	3.03	31.578	0.92
103.65	3002.76	3.38	31.593	1.03
103.7	2916.88	2.58	31.608	0.79
103.75	2852.94	5.83	31.624	1.78
103.8	2770.97	3.05	31.639	0.93
103.85	2817.98	3.87	31.654	1.18
103.9	2790.49	5.83	31.669	1.78
103.95	2784.75	5.19	31.684	1.58
104	2690.37	3.11	31.7	0.95
104.05	2628.19	3.79	31.715	1.16
104.1	2533.59	2.2	31.73	0.67
104.15	2431.8	4.68	31.745	1.43
104.2	2520.4	2.31	31.761	0.7
104.25	2551.7	3.54	31.776	1.08
104.3	2661.35	2.55	31.791	0.78
104.35	2714.67	6.02	31.806	1.84
104.4	2785.84	2.61	31.822	0.8
104.45	2871.42	2.67	31.837	0.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	3039.71	1.91	31.852	0.58
104.55	3161.35	5.88	31.867	1.79
104.6	3252.18	2.05	31.883	0.63
104.65	3325.59	2.34	31.898	0.71
104.7	3252.79	3.18	31.913	0.97
104.75	3161.9	8.62	31.928	2.63
104.8	3105.95	6.65	31.944	2.03
104.85	3027.47	6.74	31.959	2.06
104.9	2885.24	4.3	31.974	1.31
104.95	2827.62	3.71	31.989	1.13
105	2730.81	5.72	32.005	1.74
105.05	2689.4	4.14	32.02	1.26
105.1	2619.2	7.07	32.035	2.16
105.15	2622.1	1.68	32.05	0.51
105.2	2597.55	3.52	32.066	1.07
105.25	2574.28	7.04	32.081	2.15
105.3	2545.14	2.63	32.096	0.8
105.35	2592.57	1.89	32.111	0.58
105.4	2550.28	2.83	32.126	0.86
105.45	2593.14	2.55	32.142	0.78
105.5	2666.57	2.18	32.157	0.66
105.55	2678.79	2.55	32.172	0.78
105.6	2534.39	3.69	32.187	1.12
105.65	2509.7	2.57	32.203	0.78
105.7	2515.85	2.4	32.218	0.73
105.75	2492.92	2.93	32.233	0.89
105.8	2428.96	3.25	32.248	0.99
105.85	2447.48	2.77	32.264	0.84
105.9	2550.74	6.23	32.279	1.9
105.95	2512.37	3.35	32.294	1.02
106	2503.69	4.95	32.309	1.51
106.05	2440.84	5.87	32.325	1.79
106.1	2644.42	5.61	32.34	1.71
106.15	2684.21	5.18	32.355	1.58
106.2	2743.61	2.96	32.37	0.9
106.25	2757.3	2.94	32.386	0.9
106.3	2511.65	2.74	32.401	0.84
106.35	2481.33	2.76	32.416	0.84
106.4	2503.66	1.6	32.431	0.49
106.45	2454.33	2.81	32.447	0.86
106.5	2477.17	2.24	32.462	0.68
106.55	2473.08	1.73	32.477	0.53
106.6	2553.04	1.5	32.492	0.46
106.65	2684.52	2.94	32.508	0.9
106.7	2751.26	1.36	32.523	0.41
106.75	2707.63	1.77	32.538	0.54
106.8	2765.31	2	32.553	0.61
106.85	2709.66	2.42	32.568	0.74
106.9	2677.83	1.84	32.584	0.56
106.95	2718.41	1.61	32.599	0.49
107	2546.21	1.73	32.614	0.53
107.05	2441.6	1.88	32.629	0.57
107.1	2439.3	1.51	32.645	0.46
107.15	2362.15	1.6	32.66	0.49
107.2	2296.08	1.96	32.675	0.6
107.25	2309.54	3.27	32.69	1
107.3	2261.27	2.05	32.706	0.62
107.35	2323.63	2.24	32.721	0.68
107.4	2331.32	2.38	32.736	0.72
107.45	2293.16	1.84	32.751	0.56
107.5	2253.58	2.62	32.767	0.8
107.55	2115.29	1.79	32.782	0.54

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	1986.14	2.65	32.797	0.81
107.65	2159.07	1.08	32.812	0.33
107.7	2006.04	1.57	32.828	0.48
107.75	2055.52	2.14	32.843	0.65
107.8	2202.26	1.31	32.858	0.4
107.85	2247.13	1.2	32.873	0.36
107.9	2439.56	1.2	32.889	0.37
107.95	2515.78	1.57	32.904	0.48
108	2729.39	1.47	32.919	0.45
108.05	2748.2	1.18	32.934	0.36
108.1	2763.1	1.44	32.949	0.44
108.15	2555.55	1.45	32.965	0.44
108.2	2557.27	1.18	32.98	0.36
108.25	2412.14	1.8	32.995	0.55
108.3	2291.57	1.8	33.01	0.55
108.35	2158.78	0.9	33.026	0.27
108.4	2029.39	1.17	33.041	0.36
108.45	2012.7	1.11	33.056	0.34
108.5	1995.35	7.01	33.071	2.14
108.55	1940.67	1.26	33.087	0.39
108.6	1928.34	3.75	33.102	1.14
108.65	2073.17	4.48	33.117	1.36
108.7	2105.58	3.6	33.132	1.1
108.75	2094.29	4.27	33.148	1.3
108.8	2171.65	3.56	33.163	1.09
108.85	2341.32	3.64	33.178	1.11
108.9	2308.66	3.11	33.193	0.95
108.95	2372.33	4.33	33.209	1.32
109	2493.67	4.21	33.224	1.28
109.05	2408.33	2.62	33.239	0.8
109.1	2434.67	2.18	33.254	0.66
109.15	2458.33	4.29	33.27	1.31
109.2	2453.67	1.1	33.285	0.33
109.25	2437.33	2.31	33.3	0.71
109.3	2441.67	1.22	33.315	0.37
109.35	2309.83	3.45	33.331	1.05
109.4	2110.92	1.36	33.346	0.41
109.45	1985.46	1.57	33.361	0.48
109.5	1939.23	1.61	33.376	0.49
109.55	1917.11	3.27	33.391	1
109.6	1942.56	1.62	33.407	0.49
109.65	2012.78	1.12	33.422	0.34
109.7	2031.39	1.09	33.437	0.33
109.75	2107.69	3.6	33.452	1.1
109.8	2103.85	3.21	33.468	0.98
109.85	1945.42	3.12	33.483	0.95
109.9	1879.71	3.12	33.498	0.95
109.95	1909.36	2.11	33.513	0.64
110	1980.18	5.21	33.529	1.59
110.05	2067.59	2.36	33.544	0.72
110.1	2196.79	4	33.559	1.22
110.15	2376.4	6.43	33.574	1.96
110.2	2425.2	4.82	33.59	1.47
110.25	2342.6	1.86	33.605	0.57
110.3	2300.3	4.13	33.62	1.26
110.35	2003.15	0.79	33.635	0.24
110.4	2184.57	3.39	33.651	1.03
110.45	2238.79	1.48	33.666	0.45
110.5	2115.89	1.5	33.681	0.46
110.55	2321.95	1.41	33.696	0.43
110.6	2256.97	2.32	33.712	0.71
110.65	2346.49	1.48	33.727	0.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	2732.74	1.51	33.742	0.46
110.75	3104.37	1.44	33.757	0.44
110.8	3127.69	2.65	33.772	0.81
110.85	3484.84	1.3	33.788	0.4
110.9	2849.92	3.21	33.803	0.98
110.95	2559.46	1.29	33.818	0.39
111	2569.73	2.7	33.833	0.82
111.05	2424.37	2.2	33.849	0.67
111.1	2457.68	2.38	33.864	0.73
111.15	2571.34	1.93	33.879	0.59
111.2	2647.67	2.53	33.894	0.77
111.25	2709.84	1.82	33.91	0.55
111.3	2607.42	2.54	33.925	0.77
111.35	2731.71	2.8	33.94	0.85
111.4	2618.35	3.79	33.955	1.15
111.45	2679.18	1.85	33.971	0.56
111.5	2593.59	2.58	33.986	0.79
111.55	2754.79	1.79	34.001	0.55
111.6	2757.4	0.95	34.016	0.29
111.65	2498.7	1.44	34.032	0.44
111.7	2453.85	1.29	34.047	0.39
111.75	2322.92	1.15	34.062	0.35
111.8	2297.46	1.12	34.077	0.34
111.85	2235.73	1.38	34.093	0.42
111.9	2245.37	0.81	34.108	0.25
111.95	2427.18	1.18	34.123	0.36
112	2363.59	0.76	34.138	0.23
112.05	2378.8	0.8	34.154	0.24
112.1	2533.4	0.75	34.169	0.23
112.15	2495.2	0.96	34.184	0.29
112.2	2609.6	0.67	34.199	0.21
112.25	2986.3	0.92	34.214	0.28
112.3	2869.65	0.46	34.23	0.14
112.35	2883.32	1.33	34.245	0.41
112.4	2772.66	0.82	34.26	0.25
112.45	2487.33	1.75	34.275	0.53
112.5	2606.17	1.51	34.291	0.46
112.55	2618.58	1.28	34.306	0.39
112.6	2613.79	0.55	34.321	0.17
112.65	2715.9	0.68	34.336	0.21
112.7	2789.95	0.57	34.352	0.17
112.75	2681.97	1.1	34.367	0.34
112.8	2627.99	0.51	34.382	0.15
112.85	2568.49	0.85	34.397	0.26
112.9	2464.75	0.46	34.413	0.14
112.95	2346.37	0.46	34.428	0.14
113	2287.19	0.51	34.443	0.16
113.05	2229.09	0.42	34.458	0.13
113.1	2149.05	0.55	34.474	0.17
113.15	2113.02	0.52	34.489	0.16
113.2	2172.01	0.46	34.504	0.14
113.25	2244.01	0.9	34.519	0.27
113.3	2370	0.6	34.535	0.18
113.35	2656	0.95	34.55	0.29
113.4	2494.5	0.63	34.565	0.19
113.45	2352.25	0.66	34.58	0.2
113.5	2225.13	0.72	34.596	0.22
113.55	2160.06	0.49	34.611	0.15
113.6	2080.03	0.58	34.626	0.18
113.65	2049.52	1.18	34.641	0.36
113.7	1951.26	1.69	34.656	0.51
113.75	1929.63	3.98	34.672	1.21

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113.8	1894.81	2.06	34.687	0.63
113.85	1876.91	3.23	34.702	0.98
113.9	1946.45	2.79	34.717	0.85
113.95	1967.73	3.53	34.733	1.07
114	1970.36	2.69	34.748	0.82
114.05	1999.68	3.22	34.763	0.98
114.1	1966.84	0.85	34.778	0.26
114.15	1917.92	3.59	34.794	1.09
114.2	1994.96	0.46	34.809	0.14
114.25	2005.48	1.04	34.824	0.32
114.3	1990.24	0.66	34.839	0.2
114.35	2072.12	2.21	34.855	0.67
114.4	2001.06	0.63	34.87	0.19
114.45	1977.03	0.58	34.885	0.18
114.5	1963.02	0.91	34.9	0.28
114.55	1852.01	2.49	34.916	0.76
114.6	1949.5	0.77	34.931	0.24
114.65	1897.25	0.55	34.946	0.17
114.7	1921.63	0.51	34.961	0.15
114.75	2008.31	3.02	34.977	0.92
114.8	1995.16	0.56	34.992	0.17
114.85	2108.08	1.44	35.007	0.44
114.9	2181.04	2.55	35.022	0.78
114.95	2362.02	3.22	35.037	0.98
115	2396.51	4.99	35.053	1.52
115.05	2436.75	3.84	35.068	1.17
115.1	2471.38	3.89	35.083	1.19
115.15	2475.69	1	35.098	0.31
115.2	2429.84	2.84	35.114	0.87
115.25	2257.42	2.68	35.129	0.82
115.3	2307.21	1.75	35.144	0.53
115.35	2261.61	1.03	35.159	0.31
115.4	2136.3	2.63	35.175	0.8
115.45	2220.65	2.03	35.19	0.62
115.5	2189.33	1.31	35.205	0.4
115.55	2184.16	0.98	35.22	0.3
115.6	2261.58	1.44	35.236	0.44
115.65	2281.29	0.85	35.251	0.26
115.7	2356.65	0.95	35.266	0.29
115.75	2333.32	0.98	35.281	0.3
115.8	2405.16	1.4	35.297	0.43
115.85	2440.08	0.71	35.312	0.22
115.9	2487.54	1.63	35.327	0.5
115.95	2510.77	0.71	35.342	0.22
116	2454.39	2.1	35.358	0.64
116.05	2547.19	0.76	35.373	0.23
116.1	2563.1	1.17	35.388	0.36
116.15	2511.05	1.25	35.403	0.38
116.2	2622.52	1.47	35.419	0.45
116.25	2562.26	2.2	35.434	0.67
116.3	2418.13	1.76	35.449	0.54
116.35	2335.57	1.09	35.464	0.33
116.4	2217.28	1.9	35.479	0.58
116.45	2245.14	1.2	35.495	0.36
116.5	2290.57	1.8	35.51	0.55
116.55	2266.79	0.6	35.525	0.18
116.6	2155.89	0.83	35.54	0.25
116.65	2054.95	0.49	35.556	0.15
116.7	2053.47	0.78	35.571	0.24
116.75	1947.24	0.49	35.586	0.15
116.8	1795.12	0.61	35.601	0.19
116.85	1689.06	0.54	35.617	0.17

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116.9	1740.03	0.7	35.632	0.21
116.95	1837.51	0.49	35.647	0.15
117	1846.26	0.8	35.662	0.24
117.05	1767.13	0.52	35.678	0.16
117.1	1628.06	0.58	35.693	0.18
117.15	1704.53	0.56	35.708	0.17
117.2	1922.27	0.53	35.723	0.16
117.25	2024.13	0.83	35.739	0.25
117.3	2123.07	0.84	35.754	0.26
117.35	2239.03	1.43	35.769	0.44
117.4	2210.02	0.91	35.784	0.28
117.45	2220.51	1.81	35.8	0.55
117.5	2364.25	0.83	35.815	0.25
117.55	2282.63	1.83	35.83	0.56
117.6	2388.81	0.98	35.845	0.3
117.65	2324.41	1.64	35.861	0.5
117.7	2291.7	0.66	35.876	0.2
117.75	2285.85	1.21	35.891	0.37
117.8	2197.93	0.63	35.906	0.19
117.85	2209.96	0.56	35.921	0.17
117.9	2230.48	0.72	35.937	0.22
117.95	2234.24	1.03	35.952	0.31
118	2322.62	0.88	35.967	0.27
118.05	2465.31	0.63	35.982	0.19
118.1	2449.16	1.16	35.998	0.35
118.15	2355.58	1.23	36.013	0.38
118.2	2436.29	1.21	36.028	0.37
118.25	2399.14	1.19	36.043	0.36
118.3	2443.07	0.9	36.059	0.28
118.35	2479.04	0.74	36.074	0.22
118.4	2404.02	0.75	36.089	0.23
118.45	2410.51	0.71	36.104	0.22
118.5	2448.75	0.83	36.12	0.25
118.55	2421.88	0.82	36.135	0.25
118.6	2543.94	1.1	36.15	0.33
118.65	2702.47	0.56	36.165	0.17
118.7	2793.73	2.01	36.181	0.61
118.75	2920.87	1.74	36.196	0.53
118.8	2757.43	2.06	36.211	0.63
118.85	2727.72	3.65	36.226	1.11
118.9	2661.36	2.98	36.242	0.91
118.95	2646.18	2.27	36.257	0.69
119	2579.59	3.9	36.272	1.19
119.05	2570.79	2.19	36.287	0.67
119.1	2586.9	2.97	36.302	0.9
119.15	2615.95	3.37	36.318	1.03
119.2	2647.97	1.4	36.333	0.43
119.25	2641.49	1.92	36.348	0.58
119.3	2666.24	0.78	36.363	0.24
119.35	2633.62	3.19	36.379	0.97
119.4	2562.31	1.41	36.394	0.43
119.45	2508.66	2.31	36.409	0.7
119.5	2542.83	1.2	36.424	0.37
119.55	2559.41	2.82	36.44	0.86
119.6	2653.71	1.42	36.455	0.43
119.65	2770.85	1.44	36.47	0.44
119.7	2736.93	1.99	36.485	0.61
119.75	2708.46	2.97	36.501	0.9
119.8	2631.73	0.99	36.516	0.3
119.85	2566.87	1.65	36.531	0.5
119.9	2610.43	1.36	36.546	0.42
119.95	2492.22	4.06	36.562	1.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	2471.61	4.28	36.577	1.3
120.05	2487.3	3.6	36.592	1.1
120.1	2581.65	4.9	36.607	1.49
120.15	2492.33	1.92	36.623	0.59
120.2	2525.66	4.71	36.638	1.44
120.25	2475.33	3.87	36.653	1.18
120.3	2426.67	3.57	36.668	1.09
120.35	2350.33	2.6	36.684	0.79
120.4	2321.17	5.38	36.699	1.64
120.45	2639.58	2.19	36.714	0.67
120.5	2489.29	2.43	36.729	0.74
120.55	2800.65	1.59	36.744	0.48
120.6	2945.32	2.54	36.76	0.77
120.65	2953.16	2.16	36.775	0.66
120.7	2999.08	1.86	36.79	0.57
120.75	3072.54	2.18	36.805	0.66
120.8	3082.27	2.75	36.821	0.84
120.85	3041.14	1.88	36.836	0.57
120.9	3100.07	3.18	36.851	0.97
120.95	3089.03	2.25	36.866	0.68
121	2996.52	2.75	36.882	0.84
121.05	3136.76	2.08	36.897	0.63
121.1	3117.88	2.82	36.912	0.86
121.15	3190.44	1.78	36.927	0.54
121.2	3081.72	3.4	36.943	1.04
121.25	3030.86	3.2	36.958	0.98
121.3	3047.93	2.63	36.973	0.8
121.35	3079.96	4.56	36.988	1.39
121.4	3061.48	1.94	37.004	0.59
121.45	3053.74	3.6	37.019	1.1
121.5	3100.87	3.21	37.034	0.98
121.55	3146.94	4.25	37.049	1.29
121.6	3127.47	2.45	37.065	0.75
121.65	3175.23	1.59	37.08	0.49
121.7	3160.62	2.57	37.095	0.78
121.75	3120.81	1.45	37.11	0.44
121.8	3177.4	0.91	37.126	0.28
121.85	3164.2	1.46	37.141	0.44
121.9	3157.6	1.02	37.156	0.31
121.95	3222.3	0.84	37.171	0.26
122	3136.15	1.09	37.186	0.33
122.05	3081.58	1.2	37.202	0.37
122.1	3011.29	0.78	37.217	0.24
122.15	2970.14	1.02	37.232	0.31
122.2	2961.57	0.77	37.247	0.24
122.25	2848.29	0.95	37.263	0.29
122.3	2797.64	0.69	37.278	0.21
122.35	2865.82	0.64	37.293	0.19
122.4	2797.91	0.83	37.308	0.25
122.45	2672.96	1.37	37.324	0.42
122.5	2769.98	1.56	37.339	0.48
122.55	2702.99	1.18	37.354	0.36
122.6	2652.49	1.63	37.369	0.5
122.65	2817.75	2.28	37.385	0.69
122.7	2943.87	1.2	37.4	0.37
122.75	2965.44	1.55	37.415	0.47
122.8	3087.22	0.82	37.43	0.25
122.85	3099.61	0.83	37.446	0.25
122.9	3094.3	1.13	37.461	0.35
122.95	3108.65	0.88	37.476	0.27
123	3048.33	0.76	37.491	0.23
123.05	2977.66	0.96	37.507	0.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	2756.33	0.86	37.522	0.26
123.15	2832.67	0.87	37.537	0.27
123.2	2793.83	0.93	37.552	0.28
123.25	2584.92	0.85	37.567	0.26
123.3	2769.96	0.87	37.583	0.26
123.35	2654.48	0.83	37.598	0.25
123.4	2569.24	0.93	37.613	0.28
123.45	2731.12	0.9	37.628	0.27
123.5	2811.56	2.22	37.644	0.68
123.55	2678.78	1.26	37.659	0.38
123.6	2637.39	1.79	37.674	0.54
123.65	2611.69	0.86	37.689	0.26
123.7	2692.35	3.11	37.705	0.95
123.75	2610.17	3.84	37.72	1.17
123.8	2488.09	2.19	37.735	0.67
123.85	2680.54	3.2	37.75	0.98
123.9	2670.27	3.03	37.766	0.92
123.95	2603.64	4.64	37.781	1.42
124	2796.82	3.25	37.796	0.99
124.05	2782.41	1.75	37.811	0.53
124.1	2879.2	2.25	37.827	0.69
124.15	2905.6	4.21	37.842	1.28
124.2	2947.8	1.16	37.857	0.35
124.25	2956.4	2.11	37.872	0.64
124.3	3033.7	2.54	37.888	0.77
124.35	2955.35	2.61	37.903	0.79
124.4	2998.18	0.89	37.918	0.27
124.45	2980.09	1.66	37.933	0.51
124.5	2893.04	1.23	37.949	0.38
124.55	2983.02	3.83	37.964	1.17
124.6	2945.51	1.67	37.979	0.51
124.65	2941.26	2.16	37.994	0.66
124.7	2880.13	1.23	38.009	0.38
124.75	2784.06	4.3	38.025	1.31
124.8	2800.53	1.38	38.04	0.42
124.85	2722.77	1.56	38.055	0.48
124.9	2779.88	1.23	38.07	0.37
124.95	2877.44	4.57	38.086	1.39
125	2867.22	2.97	38.101	0.9
125.05	3070.11	3.86	38.116	1.18
125.1	3007.06	3.14	38.131	0.96
125.15	3056.03	2.75	38.147	0.84
125.2	3056.51	4.89	38.162	1.49
125.25	2980.76	4.45	38.177	1.36
125.3	3081.88	4.16	38.192	1.27
125.35	3176.44	2.11	38.208	0.64
125.4	3184.72	4.66	38.223	1.42
125.45	3126.86	4.87	38.238	1.49
125.5	3045.43	2.44	38.253	0.74
125.55	3066.71	1.25	38.269	0.38
125.6	3050.36	2.64	38.284	0.81
125.65	3063.18	1.73	38.299	0.53
125.7	3040.59	2.46	38.314	0.75
125.75	3030.29	1.77	38.33	0.54
125.8	3022.65	3.23	38.345	0.99
125.85	3068.32	2.08	38.36	0.63
125.9	2983.16	2.83	38.375	0.86
125.95	3036.08	2.34	38.39	0.71
126	3155.04	2.83	38.406	0.86
126.05	3224.02	1.4	38.421	0.43
126.1	3413.51	2.42	38.436	0.74
126.15	3440.76	1.24	38.451	0.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	3430.38	2.18	38.467	0.66
126.25	3428.69	2.53	38.482	0.77
126.3	3417.84	2.9	38.497	0.88
126.35	3361.42	2.08	38.512	0.63
126.4	3339.71	1.98	38.528	0.6
126.45	3351.86	3.03	38.543	0.92
126.5	3285.43	3.75	38.558	1.14
126.55	3212.21	1.83	38.573	0.56
126.6	3214.11	1.43	38.589	0.44
126.65	3192.05	1.4	38.604	0.43
126.7	3318.03	3.05	38.619	0.93
126.75	3324.01	1.58	38.634	0.48
126.8	3356.01	1.13	38.65	0.35
126.85	3439.5	1.45	38.665	0.44
126.9	3325.25	1.04	38.68	0.32
126.95	3315.63	1.28	38.695	0.39
127	3296.81	1.26	38.711	0.39
127.05	3271.91	1.35	38.726	0.41
127.1	3221.95	1.96	38.741	0.6
127.15	3141.48	1.66	38.756	0.51
127.2	3065.74	1.35	38.772	0.41
127.25	3113.37	1.8	38.787	0.55
127.3	3055.18	1.97	38.802	0.6
127.35	2998.59	1.9	38.817	0.58
127.4	3014.3	1.59	38.832	0.48
127.45	2987.65	2.18	38.848	0.66
127.5	2951.32	1.87	38.863	0.57
127.55	2979.66	1.91	38.878	0.58
127.6	2965.83	2.8	38.893	0.85
127.65	2858.92	2.72	38.909	0.83
127.7	2893.96	2.22	38.924	0.68
127.75	2975.98	2.66	38.939	0.81
127.8	2916.99	1.98	38.954	0.6
127.85	2998.49	4.94	38.97	1.5
127.9	3003.25	2.99	38.985	0.91
127.95	2990.62	2.61	39	0.8
128	3057.31	2.7	39.015	0.82
128.05	3033.66	1.94	39.031	0.59
128.1	3031.33	2.38	39.046	0.72
128.15	2956.16	2.13	39.061	0.65
128.2	2994.08	2.96	39.076	0.9
128.25	3033.04	2.62	39.092	0.8
128.3	3062.02	2.98	39.107	0.91
128.35	3000.51	2.4	39.122	0.73
128.4	2962.26	2.38	39.137	0.73
128.45	2883.13	2.34	39.153	0.71
128.5	2862.06	6.94	39.168	2.12
128.55	2815.03	2.38	39.183	0.73
128.6	2783.52	2.12	39.198	0.65
128.65	2683.26	1.92	39.214	0.59
128.7	2692.13	6.48	39.229	1.98
128.75	2737.06	1.31	39.244	0.4
128.8	2915.53	0.85	39.259	0.26
128.85	2999.77	2.97	39.274	0.9
128.9	2895.88	3.95	39.29	1.2
128.95	2869.94	4.32	39.305	1.32
129	2733.47	2.07	39.32	0.63
129.05	2571.24	2.62	39.335	0.8
129.1	2635.12	1.49	39.351	0.45
129.15	2631.06	4.64	39.366	1.41
129.2	2575.03	1.62	39.381	0.5
129.25	2586.51	2.86	39.396	0.87

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	2655.76	3.57	39.412	1.09
129.35	2631.38	2.98	39.427	0.91
129.4	2761.19	2.26	39.442	0.69
129.45	2758.09	2.01	39.457	0.61
129.5	2799.05	0.49	39.473	0.15
129.55	2762.52	2.57	39.488	0.78
129.6	2705.76	2.58	39.503	0.79
129.65	2641.88	3.23	39.518	0.99
129.7	2619.44	1.96	39.534	0.6
129.75	2600.22	3.85	39.549	1.17
129.8	2592.61	2.11	39.564	0.64
129.85	2597.31	2.73	39.579	0.83
129.9	2624.65	1.77	39.595	0.54
129.95	2752.33	2.96	39.61	0.9
130	2965.16	0.83	39.625	0.25
130.05	3420.08	1.48	39.64	0.45
130.1	3530.54	1.89	39.655	0.58
130.15	3723.27	3.52	39.671	1.07
130.2	4029.14	5.31	39.686	1.62
130.25	3576.07	5.9	39.701	1.8
130.3	3446.53	4.27	39.716	1.3
130.35	3116.27	2.78	39.732	0.85
130.4	3052.63	5.91	39.747	1.8
130.45	2900.82	2.96	39.762	0.9
130.5	2862.91	2.41	39.777	0.74
130.55	3138.45	5.49	39.793	1.67
130.6	3085.23	4.3	39.808	1.31
130.65	3151.11	5.12	39.823	1.56
130.7	3285.56	2.69	39.838	0.82
130.75	3407.28	1.6	39.854	0.49
130.8	3468.14	3.43	39.869	1.05
130.85	3207.07	2.54	39.884	0.77
130.9	3165.03	3.06	39.899	0.93
130.95	3144.02	2.32	39.915	0.71
131	3066.51	3.26	39.93	0.99
131.05	3141.75	2.81	39.945	0.86
131.1	3254.88	2.71	39.96	0.82
131.15	3188.94	2.6	39.976	0.79
131.2	3178.97	3.03	39.991	0.92
131.25	3247.98	3.83	40.006	1.17
131.3	3388.49	3.23	40.021	0.98
131.35	3378.25	4.28	40.037	1.3
131.4	3273.62	4.72	40.052	1.44
131.45	3295.31	3.24	40.067	0.99
131.5	3142.16	3.44	40.082	1.05
131.55	3109.58	3.04	40.097	0.93
131.6	3163.29	5.71	40.113	1.74
131.65	3240.14	5.78	40.128	1.76
131.7	3181.57	5.35	40.143	1.63
131.75	3355.29	2.88	40.158	0.88
131.8	3469.64	3.81	40.174	1.16
131.85	3418.82	2.54	40.189	0.78
131.9	3393.41	3.08	40.204	0.94
131.95	3281.21	1.85	40.219	0.56
132	3202.1	2.73	40.235	0.83
132.05	3209.55	1.82	40.25	0.56
132.1	3263.28	1.6	40.265	0.49
132.15	3396.14	1.63	40.28	0.5
132.2	3462.57	1.85	40.296	0.56
132.25	3441.28	1.89	40.311	0.58
132.3	3512.64	2.61	40.326	0.79
132.35	3414.82	2.01	40.341	0.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	3340.41	2.64	40.357	0.81
132.45	3278.71	1.89	40.372	0.58
132.5	3272.35	1.46	40.387	0.44
132.55	3244.68	1.22	40.402	0.37
132.6	3206.84	1.89	40.418	0.57
132.65	3261.92	1.87	40.433	0.57
132.7	3192.46	1.89	40.448	0.57
132.75	3134.73	1.25	40.463	0.38
132.8	3151.86	1.98	40.479	0.6
132.85	3048.93	1.86	40.494	0.57
132.9	2956.47	0.97	40.509	0.29
132.95	2930.73	0.89	40.524	0.27
133	2938.37	0.99	40.539	0.3
133.05	2901.18	1.67	40.555	0.51
133.1	2825.09	1.14	40.57	0.35
133.15	2928.55	0.98	40.585	0.3
133.2	3002.77	1.2	40.6	0.36
133.25	2740.39	0.95	40.616	0.29
133.3	2624.69	1.61	40.631	0.49
133.35	2744.35	1.54	40.646	0.47
133.4	2642.67	1.53	40.661	0.47
133.45	2545.34	1.38	40.677	0.42
133.5	2638.17	5.37	40.692	1.64
133.55	2806.58	1.61	40.707	0.49
133.6	2655.29	1.49	40.722	0.45
133.65	2742.65	1.97	40.738	0.6
133.7	2761.32	7.2	40.753	2.2
133.75	2774.16	2.05	40.768	0.62
133.8	2770.58	1.39	40.783	0.42
133.85	2753.29	1.44	40.799	0.44
133.9	2754.15	2.98	40.814	0.91
133.95	2694.57	2	40.829	0.61
134	2596.79	4.39	40.844	1.34
134.05	2576.39	2.96	40.86	0.9
134.1	2579.7	4.16	40.875	1.27
134.15	2485.35	3.99	40.89	1.22
134.2	2324.67	4.97	40.905	1.52
134.25	2352.84	6.23	40.92	1.9
134.3	2315.92	3.67	40.936	1.12
134.35	2305.96	6.6	40.951	2.01
134.4	2466.48	3.51	40.966	1.07
134.45	2431.24	5.25	40.981	1.6
134.5	2615.62	2.77	40.997	0.85
134.55	2745.81	2.98	41.012	0.91
134.6	2717.41	4.6	41.027	1.4
134.65	2778.7	2.4	41.042	0.73
134.7	2776.35	1.75	41.058	0.53
134.75	2789.68	3.52	41.073	1.07
134.8	2895.84	1.61	41.088	0.49
134.85	2937.42	2.07	41.103	0.63
134.9	2905.21	1.75	41.119	0.53
134.95	2885.1	4.85	41.134	1.48
135	2966.05	2.31	41.149	0.71
135.05	3006.03	2.32	41.164	0.71
135.1	2918.01	1.99	41.18	0.61
135.15	2853.51	2.16	41.195	0.66
135.2	2850.75	2.14	41.21	0.65
135.25	2794.88	4.11	41.225	1.25
135.3	2781.44	4.14	41.241	1.26
135.35	2896.22	3.11	41.256	0.95
135.4	3033.11	4.66	41.271	1.42
135.45	2992.55	4.75	41.286	1.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	2856.78	4.82	41.302	1.47
135.55	2758.89	2.51	41.317	0.76
135.6	2647.44	5.11	41.332	1.56
135.65	2477.72	3.93	41.347	1.2
135.7	2456.36	4.19	41.362	1.28
135.75	2384.18	4.02	41.378	1.23
135.8	2364.09	2.64	41.393	0.8
135.85	2330.55	1.78	41.408	0.54
135.9	2401.27	2.63	41.423	0.8
135.95	2425.64	2.21	41.439	0.67
136	2414.82	3.32	41.454	1.01
136.05	2501.91	2.63	41.469	0.8
136.1	2424.45	2.64	41.484	0.81
136.15	2579.73	2.75	41.5	0.84
136.2	2562.86	3.5	41.515	1.07
136.25	2512.43	2.27	41.53	0.69
136.3	2656.72	3.4	41.545	1.04
136.35	2680.86	2.17	41.561	0.66
136.4	2738.43	3.59	41.576	1.1
136.45	2757.71	3.22	41.591	0.98
136.5	2722.36	2.35	41.606	0.72
136.55	2790.18	2.68	41.622	0.82
136.6	2803.09	3.86	41.637	1.18
136.65	2879.54	3.65	41.652	1.11
136.7	2802.27	3.37	41.667	1.03
136.75	2732.64	2.87	41.683	0.88
136.8	2660.32	3.03	41.698	0.92
136.85	2612.66	3.23	41.713	0.99
136.9	2525.83	2.69	41.728	0.82
136.95	2476.41	3.61	41.744	1.1
137	2461.21	2.21	41.759	0.68
137.05	2373.6	2.58	41.774	0.79
137.1	2401.3	2.48	41.789	0.76
137.15	2400.65	3.1	41.804	0.94
137.2	2445.83	2.49	41.82	0.76
137.25	2412.41	3.4	41.835	1.04
137.3	2539.21	2.44	41.85	0.74
137.35	2589.6	2.86	41.865	0.87
137.4	2486.3	1.95	41.881	0.59
137.45	2568.15	2.16	41.896	0.66
137.5	2520.08	2.06	41.911	0.63
137.55	2774.54	2.44	41.926	0.74
137.6	2946.77	1.78	41.942	0.54
137.65	2970.38	1.91	41.957	0.58
137.7	3065.69	1.7	41.972	0.52
137.75	3078.85	1.78	41.987	0.54
137.8	3088.42	2.73	42.003	0.83
137.85	3126.21	2.79	42.018	0.85
137.9	3039.11	2.38	42.033	0.72
137.95	3010.55	2.28	42.048	0.7
138	3055.78	2.29	42.064	0.7
138.05	2989.89	2.58	42.079	0.79
138.1	2894.44	1.92	42.094	0.59
138.15	2877.72	2.14	42.109	0.65
138.2	2782.36	1.79	42.125	0.54
138.25	2671.68	2.25	42.14	0.69
138.3	2582.34	1.78	42.155	0.54
138.35	2614.67	1.9	42.17	0.58
138.4	2642.83	2.03	42.185	0.62
138.45	2666.92	2	42.201	0.61
138.5	2845.96	4.34	42.216	1.32
138.55	2942.98	1.98	42.231	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	3045.49	2.52	42.246	0.77
138.65	2994.24	1.75	42.262	0.53
138.7	3057.12	5.13	42.277	1.56
138.75	3046.06	2.61	42.292	0.8
138.8	2896.53	2.72	42.307	0.83
138.85	2700.27	1.7	42.323	0.52
138.9	2840.13	7.66	42.338	2.34
138.95	2750.07	2.54	42.353	0.77
139	2653.53	4.47	42.368	1.36
139.05	2716.77	3.36	42.384	1.03
139.1	2611.38	8.78	42.399	2.68
139.15	2704.69	5.29	42.414	1.61
139.2	2660.35	3.54	42.429	1.08
139.25	2636.67	5.25	42.445	1.6
139.3	2656.34	7.13	42.46	2.17
139.35	2653.67	4.3	42.475	1.31
139.4	2699.83	6.17	42.49	1.88
139.45	2660.42	4.97	42.506	1.51
139.5	2654.71	2.56	42.521	0.78
139.55	2624.85	4.8	42.536	1.46
139.6	2543.43	3.31	42.551	1.01
139.65	2614.71	2.94	42.567	0.89
139.7	2604.36	1.8	42.582	0.55
139.75	2630.18	3.68	42.597	1.12
139.8	2653.59	2.44	42.612	0.74
139.85	2663.79	2.25	42.627	0.69
139.9	2772.9	1.97	42.643	0.6
139.95	2636.95	5.26	42.658	1.6
140	2682.47	2.22	42.673	0.68
140.05	2560.24	2.73	42.688	0.83
140.1	2667.12	1.6	42.704	0.49
140.15	2637.06	4.15	42.719	1.27
140.2	2593.03	1.68	42.734	0.51
140.25	2692.51	2.43	42.749	0.74
140.3	2623.76	3.47	42.765	1.06
140.35	2554.88	2.48	42.78	0.76
140.4	2507.44	5.7	42.795	1.74
140.45	2544.22	3.9	42.81	1.19
140.5	2441.11	5.7	42.826	1.74
140.55	2661.05	6.47	42.841	1.97
140.6	2738.03	4.52	42.856	1.38
140.65	2801.01	3.41	42.871	1.04
140.7	2845.01	3.53	42.887	1.08
140.75	2894.5	1.87	42.902	0.57
140.8	2799.75	5.32	42.917	1.62
140.85	2957.88	1.17	42.932	0.36
140.9	2793.94	3.38	42.948	1.03
140.95	2732.97	2	42.963	0.61
141	2808.48	2.32	42.978	0.71
141.05	2690.24	2.69	42.993	0.82
141.1	2624.12	2.06	43.008	0.63
141.15	2678.06	1.79	43.024	0.55
141.2	2610.53	2.47	43.039	0.75
141.25	2563.77	2.58	43.054	0.79
141.3	2511.38	1.71	43.069	0.52
141.35	2538.19	1.92	43.085	0.59
141.4	2656.1	3.39	43.1	1.03
141.45	2682.05	1.79	43.115	0.55
141.5	2738.02	1.87	43.13	0.57
141.55	2765.51	2.67	43.146	0.81
141.6	2738.76	3.47	43.161	1.06
141.65	2634.88	2.37	43.176	0.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	2645.94	3.93	43.191	1.2
141.75	2757.47	3.23	43.207	0.98
141.8	2608.23	3.48	43.222	1.06
141.85	2688.62	2.27	43.237	0.69
141.9	2674.81	2.63	43.252	0.8
141.95	2527.9	1.75	43.268	0.53
142	2488.95	1.57	43.283	0.48
142.05	2355.98	2.39	43.298	0.73
142.1	2438.49	2	43.313	0.61
142.15	2490.74	1.7	43.329	0.52
142.2	2591.87	1.75	43.344	0.53
142.25	2566.44	2.46	43.359	0.75
142.3	2567.22	1.7	43.374	0.52
142.35	2565.61	1.74	43.39	0.53
142.4	2566.8	2.25	43.405	0.68
142.45	2522.4	1.69	43.42	0.51
142.5	2448.2	2.28	43.435	0.7
142.55	2481.1	2.2	43.45	0.67
142.6	2565.05	1.82	43.466	0.56
142.65	2529.03	2.03	43.481	0.62
142.7	2589.51	1.69	43.496	0.52
142.75	2564.26	2.25	43.511	0.69
142.8	2553.63	2.36	43.527	0.72
142.85	2638.81	2.27	43.542	0.69
142.9	2540.91	2.25	43.557	0.69
142.95	2599.45	2.11	43.572	0.64
143	2612.73	2.4	43.588	0.73
143.05	2650.86	2.6	43.603	0.79
143.1	2690.43	2.69	43.618	0.82
143.15	2675.22	1.85	43.633	0.57
143.2	2654.11	2.49	43.649	0.76
143.25	2742.55	2.83	43.664	0.86
143.3	2792.78	2.55	43.679	0.78
143.35	2752.89	2.25	43.694	0.69
143.4	2733.94	1.85	43.71	0.56

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 02:41

LOG END DEPTH: 142.155 FEET

LOG END TIME: Fri Jun 06 2008 03:39

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	16.5	5.77	0	1.76
0.05	23.75	6.9	0.015	2.1
0.1	15.38	6.57	0.03	2
0.15	19.69	3.65	0.046	1.11
0.2	19.34	4.25	0.061	1.3
0.25	16.67	4.91	0.076	1.5
0.3	11.34	4.38	0.091	1.34
0.35	12.67	3.83	0.107	1.17
0.4	7.33	6.39	0.122	1.95
0.45	5.17	4.89	0.137	1.49
0.5	5.08	4.75	0.152	1.45
0.55	6.54	5.51	0.168	1.68
0.6	6.77	5.9	0.183	1.8
0.65	4.89	5.54	0.198	1.69
0.7	5.44	7.2	0.213	2.19
0.75	5.72	5.99	0.229	1.82
0.8	8.86	7.04	0.244	2.14
0.85	5.93	8.46	0.259	2.58
0.9	3.97	12.78	0.274	3.9
0.95	2.98	11.49	0.29	3.5
1	1.99	11.09	0.305	3.38
1.05	1.5	13.65	0.32	4.16
1.1	1.75	14.36	0.335	4.38
1.15	1.37	12.74	0.351	3.88
1.2	1.19	12.59	0.366	3.84
1.25	1.09	12.79	0.381	3.9
1.3	1.05	9.45	0.396	2.88
1.35	1.02	5.61	0.411	1.71
1.4	6.51	4.46	0.427	1.36
1.45	12.76	2.88	0.442	0.88
1.5	17.38	6.05	0.457	1.84
1.55	19.19	6.85	0.472	2.09
1.6	23.59	8.75	0.488	2.67
1.65	27.3	11.62	0.503	3.54
1.7	29.65	11.23	0.518	3.42
1.75	30.82	8.92	0.533	2.72
1.8	32.41	9.69	0.549	2.95
1.85	28.71	11.7	0.564	3.57
1.9	28.35	12.51	0.579	3.81
1.95	25.18	12.65	0.594	3.86
2	27.09	13.73	0.61	4.19
2.05	27.04	13.08	0.625	3.99
2.1	27.02	15	0.64	4.57
2.15	26.51	16.06	0.655	4.89

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	28.26	15.73	0.671	4.8
2.25	29.13	14.96	0.686	4.56
2.3	30.06	16.25	0.701	4.95
2.35	31.53	15.58	0.716	4.75
2.4	33.77	0.42	0.732	0.13
2.45	32.38	3.51	0.747	1.07
2.5	31.69	6.74	0.762	2.06
2.55	31.85	5.89	0.777	1.79
2.6	37.92	7.81	0.792	2.38
2.65	39.96	8.08	0.808	2.46
2.7	34.98	12.75	0.823	3.88
2.75	26.99	12.69	0.838	3.87
2.8	21.5	2.93	0.853	0.89
2.85	16.75	5.16	0.869	1.57
2.9	11.37	6.61	0.884	2.02
2.95	7.69	9.01	0.899	2.75
3	4.84	13.51	0.914	4.12
3.05	4.92	12.96	0.93	3.95
3.1	4.46	16.24	0.945	4.95
3.15	4.23	15.37	0.96	4.69
3.2	3.12	16.39	0.975	5
3.25	3.56	17.21	0.991	5.25
3.3	3.78	17.91	1.006	5.46
3.35	2.89	16.65	1.021	5.08
3.4	2.44	16.31	1.036	4.97
3.45	1.72	18.77	1.052	5.72
3.5	1.86	20.01	1.067	6.1
3.55	1.93	17.55	1.082	5.35
3.6	1.47	19.76	1.097	6.02
3.65	1.23	18.78	1.113	5.72
3.7	1.12	18.41	1.128	5.61
3.75	1.56	16.7	1.143	5.09
3.8	1.78	18.58	1.158	5.66
3.85	1.89	15.84	1.173	4.83
3.9	2.44	15.63	1.189	4.77
3.95	2.72	18.32	1.204	5.59
4	2.36	17.63	1.219	5.38
4.05	2.68	15.66	1.234	4.77
4.1	2.34	18.13	1.25	5.53
4.15	2.17	17.29	1.265	5.27
4.2	2.59	19.68	1.28	6
4.25	3.79	17.2	1.295	5.24
4.3	3.4	17.54	1.311	5.35
4.35	11.2	18.01	1.326	5.49
4.4	27.1	17.02	1.341	5.19
4.45	35.55	17.93	1.356	5.46
4.5	47.77	17.86	1.372	5.44
4.55	45.39	18.61	1.387	5.67
4.6	36.19	17.52	1.402	5.34
4.65	22.6	19.94	1.417	6.08
4.7	13.8	16.94	1.433	5.16
4.75	19.4	19.56	1.448	5.96
4.8	19.7	18.11	1.463	5.52
4.85	15.35	17.77	1.478	5.42
4.9	12.17	18.31	1.494	5.58
4.95	12.59	17.06	1.509	5.2
5	19.29	18.37	1.524	5.6
5.05	17.15	18.11	1.539	5.52
5.1	21.57	17.34	1.554	5.28
5.15	18.29	16.71	1.57	5.09
5.2	18.14	19.4	1.585	5.91
5.25	17.57	18.49	1.6	5.63

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5.3	43.29	19.08	1.615	5.82
5.35	30.14	16.83	1.631	5.13
5.4	16.07	17.24	1.646	5.25
5.45	11.04	16.63	1.661	5.07
5.5	9.52	18.28	1.676	5.57
5.55	13.26	18.12	1.692	5.52
5.6	7.13	18.85	1.707	5.74
5.65	17.56	17.67	1.722	5.39
5.7	10.28	17.75	1.737	5.41
5.75	11.64	16.87	1.753	5.14
5.8	14.82	17.81	1.768	5.43
5.85	22.91	18.42	1.783	5.61
5.9	23.46	18.93	1.798	5.77
5.95	27.23	16.79	1.814	5.12
6	24.61	18.04	1.829	5.5
6.05	26.31	17.12	1.844	5.22
6.1	23.65	17.91	1.859	5.46
6.15	22.33	16.81	1.875	5.12
6.2	19.16	18.71	1.89	5.7
6.25	19.58	17.93	1.905	5.46
6.3	19.79	17.42	1.92	5.31
6.35	23.4	15.39	1.935	4.69
6.4	24.7	16.32	1.951	4.97
6.45	27.85	17.1	1.966	5.21
6.5	31.42	17.64	1.981	5.38
6.55	44.21	18.4	1.996	5.61
6.6	56.61	17.21	2.012	5.25
6.65	64.8	17.84	2.027	5.44
6.7	69.4	17.57	2.042	5.35
6.75	72.7	17.51	2.057	5.34
6.8	74.85	17	2.073	5.18
6.85	75.93	17.11	2.088	5.21
6.9	76.96	17.96	2.103	5.47
6.95	76.48	16.83	2.118	5.13
7	76.74	16.9	2.134	5.15
7.05	77.37	17.11	2.149	5.21
7.1	76.69	17.65	2.164	5.38
7.15	75.84	16.69	2.179	5.09
7.2	76.42	16.75	2.195	5.11
7.25	75.21	17.17	2.21	5.23
7.3	74.61	16.48	2.225	5.02
7.35	73.8	0.54	2.24	0.16
7.4	73.9	4.29	2.256	1.31
7.45	71.95	10.42	2.271	3.18
7.5	71.48	8.5	2.286	2.59
7.55	72.24	6.4	2.301	1.95
7.6	72.12	7.64	2.316	2.33
7.65	71.56	7.71	2.332	2.35
7.7	70.78	9.94	2.347	3.03
7.75	70.39	1.77	2.362	0.54
7.8	70.69	4.27	2.377	1.3
7.85	71.35	4.02	2.393	1.22
7.9	72.17	6.71	2.408	2.04
7.95	71.59	7.81	2.423	2.38
8	72.29	9.62	2.438	2.93
8.05	72.15	10.03	2.454	3.06
8.1	71.57	12.89	2.469	3.93
8.15	71.79	9.61	2.484	2.93
8.2	71.39	1.65	2.499	0.5
8.25	72.2	8.74	2.515	2.66
8.3	72.6	7.74	2.53	2.36
8.35	73.3	10.85	2.545	3.31

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8.4	73.15	12.16	2.56	3.71
8.45	72.57	11.75	2.576	3.58
8.5	73.29	8.72	2.591	2.66
8.55	73.14	9.07	2.606	2.76
8.6	74.07	8.61	2.621	2.62
8.65	74.54	9.33	2.637	2.84
8.7	75.27	10.81	2.652	3.3
8.75	74.63	10.98	2.667	3.35
8.8	74.32	13.36	2.682	4.07
8.85	75.16	11.89	2.697	3.62
8.9	75.08	13.44	2.713	4.1
8.95	77.04	13.23	2.728	4.03
9	79.52	12.38	2.743	3.77
9.05	79.76	13.04	2.758	3.97
9.1	79.38	12.47	2.774	3.8
9.15	79.69	14.09	2.789	4.3
9.2	80.34	15.3	2.804	4.66
9.25	80.67	14.47	2.819	4.41
9.3	81.84	14.53	2.835	4.43
9.35	83.42	17.63	2.85	5.37
9.4	82.71	16.01	2.865	4.88
9.45	81.35	17.36	2.88	5.29
9.5	82.18	17.22	2.896	5.25
9.55	82.59	19.27	2.911	5.87
9.6	83.29	15.5	2.926	4.73
9.65	83.15	15.82	2.941	4.82
9.7	83.57	15.65	2.957	4.77
9.75	84.79	17.79	2.972	5.42
9.8	86.39	16.47	2.987	5.02
9.85	87.7	18.58	3.002	5.66
9.9	88.85	17.21	3.018	5.25
9.95	89.92	18.09	3.033	5.51
10	90.96	18.04	3.048	5.5
10.05	92.48	16.64	3.063	5.07
10.1	92.74	15	3.078	4.57
10.15	93.37	17.58	3.094	5.36
10.2	95.69	17.93	3.109	5.47
10.25	95.84	16.67	3.124	5.08
10.3	96.42	17.15	3.139	5.23
10.35	97.21	16.62	3.155	5.07
10.4	97.11	17.74	3.17	5.41
10.45	97.05	15.4	3.185	4.69
10.5	97.03	16.99	3.2	5.18
10.55	97.51	16.79	3.216	5.12
10.6	97.26	16.99	3.231	5.18
10.65	99.13	18.79	3.246	5.73
10.7	98.56	20.04	3.261	6.11
10.75	97.28	17.64	3.277	5.38
10.8	97.14	18.35	3.292	5.59
10.85	97.07	17.98	3.307	5.48
10.9	99.04	17.63	3.322	5.37
10.95	99.02	18.12	3.338	5.52
11	99.01	18.66	3.353	5.69
11.05	99.5	17.92	3.368	5.46
11.1	99.75	17.09	3.383	5.21
11.15	99.88	18	3.399	5.49
11.2	98.94	17.85	3.414	5.44
11.25	97.97	18.24	3.429	5.56
11.3	97.98	19.68	3.444	6
11.35	97.99	20.25	3.459	6.17
11.4	98.5	20.33	3.475	6.2
11.45	98.75	18.03	3.49	5.5

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11.5	98.37	18.94	3.505	5.77
11.55	99.69	19.46	3.52	5.93
11.6	99.34	19.34	3.536	5.89
11.65	100.67	17.89	3.551	5.45
11.7	100.84	18.4	3.566	5.61
11.75	100.92	17.58	3.581	5.36
11.8	100.46	17.55	3.597	5.35
11.85	100.73	18.96	3.612	5.78
11.9	101.36	18.66	3.627	5.69
11.95	101.18	17.19	3.642	5.24
12	100.59	18.28	3.658	5.57
12.05	99.8	17.37	3.673	5.29
12.1	99.4	16.79	3.688	5.12
12.15	98.7	17.32	3.703	5.28
12.2	99.85	17.17	3.719	5.23
12.25	101.42	17.8	3.734	5.43
12.3	101.71	16.96	3.749	5.17
12.35	100.36	14.96	3.764	4.56
12.4	98.68	2.2	3.78	0.67
12.45	96.34	3.11	3.795	0.95
12.5	96.17	4.29	3.81	1.31
12.55	97.08	1.57	3.825	0.48
12.6	96.04	8.18	3.84	2.49
12.65	93.02	3.55	3.856	1.08
12.7	89.51	5.54	3.871	1.69
12.75	89.26	3.79	3.886	1.16
12.8	91.13	5.31	3.901	1.62
12.85	92.06	5.44	3.917	1.66
12.9	92.53	7.54	3.932	2.3
12.95	91.77	7.66	3.947	2.34
13	91.38	7.99	3.962	2.43
13.05	91.19	8.94	3.978	2.72
13.1	90.1	11.97	3.993	3.65
13.15	89.55	13.36	4.008	4.07
13.2	89.27	14.85	4.023	4.53
13.25	88.64	13.55	4.039	4.13
13.3	88.32	15.02	4.054	4.58
13.35	87.16	14.86	4.069	4.53
13.4	87.08	14.38	4.084	4.38
13.45	86.54	14.32	4.1	4.37
13.5	85.77	14.65	4.115	4.46
13.55	85.38	14.41	4.13	4.39
13.6	84.69	14.88	4.145	4.53
13.65	84.35	14.66	4.161	4.47
13.7	82.67	3.28	4.176	1
13.75	83.34	5.37	4.191	1.64
13.8	82.67	5.9	4.206	1.8
13.85	83.33	7.63	4.221	2.33
13.9	83.67	7.28	4.237	2.22
13.95	83.33	8.54	4.252	2.6
14	83.67	8.63	4.267	2.63
14.05	83.83	9.17	4.282	2.8
14.1	83.92	9.44	4.298	2.88
14.15	84.46	11.45	4.313	3.49
14.2	84.23	11.8	4.328	3.6
14.25	83.61	12.78	4.343	3.89
14.3	83.31	14.17	4.359	4.32
14.35	82.65	14.64	4.374	4.46
14.4	82.33	16.43	4.389	5.01
14.45	82.16	17.69	4.404	5.39
14.5	81.58	16.5	4.42	5.03
14.55	81.29	19.9	4.435	6.07

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14.6	80.65	16.41	4.45	5
14.65	80.82	16.37	4.465	4.99
14.7	79.91	18.32	4.481	5.58
14.75	80.46	19.63	4.496	5.98
14.8	80.23	16.5	4.511	5.03
14.85	79.61	17.81	4.526	5.43
14.9	79.31	18.39	4.542	5.6
14.95	78.65	17.9	4.557	5.46
15	79.33	17.09	4.572	5.21
15.05	79.16	16.56	4.587	5.05
15.1	78.08	18.42	4.602	5.61
15.15	78.04	15.86	4.618	4.84
15.2	77.02	17.83	4.633	5.43
15.25	77.51	16.53	4.648	5.04
15.3	76.76	17.39	4.663	5.3
15.35	77.38	15.66	4.679	4.77
15.4	76.69	17.79	4.694	5.42
15.45	76.34	17.51	4.709	5.34
15.5	75.67	18.56	4.724	5.66
15.55	75.84	16.49	4.74	5.03
15.6	74.92	17.28	4.755	5.27
15.65	74.46	17.44	4.77	5.32
15.7	73.73	16.27	4.785	4.96
15.75	73.36	19	4.801	5.79
15.8	73.18	18.19	4.816	5.54
15.85	72.59	17.7	4.831	5.39
15.9	72.3	18.06	4.846	5.5
15.95	72.15	16.78	4.862	5.12
16	72.07	18.91	4.877	5.76
16.05	71.54	17.79	4.892	5.42
16.1	71.27	18.22	4.907	5.55
16.15	71.13	18.85	4.923	5.75
16.2	71.07	19.11	4.938	5.83
16.25	71.03	17.93	4.953	5.47
16.3	70.52	16.79	4.968	5.12
16.35	70.76	18.55	4.983	5.65
16.4	71.38	18.05	4.999	5.5
16.45	71.69	18.07	5.014	5.51
16.5	70.84	17.15	5.029	5.23
16.55	69.42	18.15	5.044	5.53
16.6	69.21	17.69	5.06	5.39
16.65	68.61	18.25	5.075	5.56
16.7	67.8	16.44	5.09	5.01
16.75	66.4	16.4	5.105	5
16.8	65.7	16.87	5.121	5.14
16.85	64.85	16.98	5.136	5.18
16.9	63.93	17.76	5.151	5.41
16.95	62.96	18.7	5.166	5.7
17	61.48	17.79	5.182	5.42
17.05	60.24	17.75	5.197	5.41
17.1	59.12	17.49	5.212	5.33
17.15	59.06	18.08	5.227	5.51
17.2	58.53	17.51	5.243	5.34
17.25	57.77	17.16	5.258	5.23
17.3	56.38	17.79	5.273	5.42
17.35	54.19	13.02	5.288	3.97
17.4	54.1	2.89	5.304	0.88
17.45	53.55	7.21	5.319	2.2
17.5	53.27	7.39	5.334	2.25
17.55	52.14	5.78	5.349	1.76
17.6	50.57	5.1	5.364	1.55
17.65	50.78	4.3	5.38	1.31

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17.7	51.89	5.98	5.395	1.82
17.75	51.45	4.79	5.41	1.46
17.8	51.72	2.54	5.425	0.77
17.85	52.86	2.07	5.441	0.63
17.9	52.43	6.4	5.456	1.95
17.95	53.22	4.21	5.471	1.28
18	53.11	3.89	5.486	1.19
18.05	53.05	4.43	5.502	1.35
18.1	53.53	5.43	5.517	1.65
18.15	53.26	5.1	5.532	1.56
18.2	53.63	6.29	5.547	1.92
18.25	53.32	4.93	5.563	1.5
18.3	53.16	4.65	5.578	1.42
18.35	53.58	5.16	5.593	1.57
18.4	53.29	4.92	5.608	1.5
18.45	53.64	6.49	5.624	1.98
18.5	52.82	6.86	5.639	2.09
18.55	52.41	3.98	5.654	1.21
18.6	52.71	6.05	5.669	1.84
18.65	53.85	6.78	5.685	2.07
18.7	53.43	4.04	5.7	1.23
18.75	53.71	4.64	5.715	1.42
18.8	55.36	10.13	5.73	3.09
18.85	55.68	3.82	5.745	1.17
18.9	55.84	4.12	5.761	1.26
18.95	56.92	4.6	5.776	1.4
19	57.46	3.91	5.791	1.19
19.05	56.73	4.72	5.806	1.44
19.1	58.36	3.81	5.822	1.16
19.15	59.68	5.34	5.837	1.63
19.2	59.84	6.02	5.852	1.83
19.25	58.92	4.92	5.867	1.5
19.3	59.96	5.9	5.883	1.8
19.35	60.98	6.74	5.898	2.05
19.4	62.49	5.46	5.913	1.66
19.45	62.75	8.42	5.928	2.57
19.5	62.87	6.65	5.944	2.03
19.55	62.44	7.12	5.959	2.17
19.6	62.72	5.74	5.974	1.75
19.65	63.36	7.2	5.989	2.2
19.7	62.68	5.4	6.005	1.65
19.75	61.34	6.09	6.02	1.85
19.8	60.17	7.44	6.035	2.27
19.85	59.58	6.91	6.05	2.11
19.9	59.79	7.05	6.066	2.15
19.95	59.4	7.5	6.081	2.28
20	58.7	6.13	6.096	1.87
20.05	58.35	5.29	6.111	1.61
20.1	55.67	7.14	6.126	2.18
20.15	55.34	4.46	6.142	1.36
20.2	55.17	5.39	6.157	1.64
20.25	57.08	6.71	6.172	2.05
20.3	58.54	4.91	6.187	1.5
20.35	57.77	4.78	6.203	1.46
20.4	56.89	4.9	6.218	1.49
20.45	55.94	4.96	6.233	1.51
20.5	55.97	4.75	6.248	1.45
20.55	54.99	4.72	6.264	1.44
20.6	53.99	4.98	6.279	1.52
20.65	54	6.39	6.294	1.95
20.7	54.5	7.1	6.309	2.16
20.75	54.75	7.64	6.325	2.33

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20.8	54.37	7.84	6.34	2.39
20.85	54.19	8.26	6.355	2.52
20.9	54.59	8.13	6.37	2.48
20.95	55.3	8.19	6.386	2.5
21	55.65	6.76	6.401	2.06
21.05	55.82	5.78	6.416	1.76
21.1	55.91	5.46	6.431	1.66
21.15	55.96	7.09	6.447	2.16
21.2	55.48	7.03	6.462	2.14
21.25	54.74	8.68	6.477	2.65
21.3	54.87	7.79	6.492	2.37
21.35	54.93	9.12	6.507	2.78
21.4	53.97	8.87	6.523	2.7
21.45	53.48	9.62	6.538	2.93
21.5	53.74	7.78	6.553	2.37
21.55	53.87	9.21	6.568	2.81
21.6	53.94	8.95	6.584	2.73
21.65	53.47	9.83	6.599	3
21.7	53.23	9.39	6.614	2.86
21.75	53.12	7.75	6.629	2.36
21.8	52.56	8.94	6.645	2.72
21.85	51.78	8.69	6.66	2.65
21.9	51.89	8.86	6.675	2.7
21.95	50.94	8.92	6.69	2.72
22	50.97	8.6	6.706	2.62
22.05	50.49	8.99	6.721	2.74
22.1	49.74	9.31	6.736	2.84
22.15	48.87	9.14	6.751	2.79
22.2	47.94	9.78	6.767	2.98
22.25	47.47	9.45	6.782	2.88
22.3	47.23	9.17	6.797	2.8
22.35	45.12	1.66	6.812	0.5
22.4	44.06	3.56	6.828	1.08
22.45	43.53	4.88	6.843	1.49
22.5	42.76	5.51	6.858	1.68
22.55	43.38	4.97	6.873	1.52
22.6	43.19	8.25	6.888	2.51
22.65	43.6	6.46	6.904	1.97
22.7	43.8	6.83	6.919	2.08
22.75	42.9	3.32	6.934	1.01
22.8	42.45	4.62	6.949	1.41
22.85	42.22	6.49	6.965	1.98
22.9	41.61	7.93	6.98	2.42
22.95	42.31	7.48	6.995	2.28
23	42.65	8.76	7.01	2.67
23.05	42.83	10.36	7.026	3.16
23.1	42.91	8.4	7.041	2.56
23.15	43.46	8.56	7.056	2.61
23.2	43.23	10.91	7.071	3.32
23.25	43.11	8.99	7.087	2.74
23.3	42.56	9.2	7.102	2.8
23.35	42.28	11.76	7.117	3.58
23.4	42.64	9.13	7.132	2.78
23.45	42.32	10	7.148	3.05
23.5	42.16	11.79	7.163	3.6
23.55	42.08	11.11	7.178	3.39
23.6	42.54	11.52	7.193	3.51
23.65	42.27	11.58	7.208	3.53
23.7	42.63	11.49	7.224	3.5
23.75	42.32	10.68	7.239	3.25
23.8	42.16	11.02	7.254	3.36
23.85	41.58	9.33	7.269	2.84

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23.9	41.79	10.9	7.285	3.32
23.95	41.39	11.2	7.3	3.41
24	41.2	9.23	7.315	2.81
24.05	40.6	10.32	7.33	3.15
24.1	40.8	8.92	7.346	2.72
24.15	41.4	9.11	7.361	2.78
24.2	40.7	10.14	7.376	3.09
24.25	40.85	9.27	7.391	2.82
24.3	40.42	8.89	7.407	2.71
24.35	40.71	7.52	7.422	2.29
24.4	41.36	8.93	7.437	2.72
24.45	41.18	10.94	7.452	3.33
24.5	41.09	9.48	7.468	2.89
24.55	41.54	8.86	7.483	2.7
24.6	41.27	9.75	7.498	2.97
24.65	40.64	9.21	7.513	2.81
24.7	40.32	9.15	7.529	2.79
24.75	40.16	11.28	7.544	3.44
24.8	40.08	11.2	7.559	3.41
24.85	40.04	9.75	7.574	2.97
24.9	40.52	10.32	7.589	3.15
24.95	40.76	9.68	7.605	2.95
25	40.88	8.9	7.62	2.71
25.05	40.44	9.37	7.635	2.86
25.1	40.22	8.27	7.65	2.52
25.15	40.61	8.9	7.666	2.71
25.2	40.81	8.83	7.681	2.69
25.25	40.4	8.81	7.696	2.68
25.3	40.7	9.25	7.711	2.82
25.35	40.85	7.53	7.727	2.3
25.4	40.43	8.61	7.742	2.62
25.45	40.71	8.45	7.757	2.58
25.5	41.36	9.35	7.772	2.85
25.55	41.68	8.16	7.788	2.49
25.6	41.84	9.7	7.803	2.96
25.65	41.42	8.9	7.818	2.71
25.7	42.21	8.19	7.833	2.5
25.75	42.1	8.58	7.849	2.62
25.8	42.05	7.84	7.864	2.39
25.85	42.53	10.24	7.879	3.12
25.9	43.26	7.86	7.894	2.4
25.95	43.13	7.73	7.91	2.36
26	44.07	8.52	7.925	2.6
26.05	44.03	7.72	7.94	2.35
26.1	44.52	8.24	7.955	2.51
26.15	45.26	7.89	7.97	2.4
26.2	46.13	8.05	7.986	2.45
26.25	46.56	8.71	8.001	2.66
26.3	47.28	6.8	8.016	2.07
26.35	47.64	8.83	8.031	2.69
26.4	48.32	7.95	8.047	2.42
26.45	48.16	7.36	8.062	2.24
26.5	48.58	6.84	8.077	2.09
26.55	48.79	7.76	8.092	2.37
26.6	49.4	7.64	8.108	2.33
26.65	49.2	6.28	8.123	1.91
26.7	49.6	7.34	8.138	2.24
26.75	50.3	7.31	8.153	2.23
26.8	50.15	6.88	8.169	2.1
26.85	49.57	7.61	8.184	2.32
26.9	49.79	7.33	8.199	2.23
26.95	49.39	6.4	8.214	1.95

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27	49.2	7.26	8.23	2.21
27.05	48.6	6.7	8.245	2.04
27.1	48.3	6.68	8.26	2.04
27.15	48.15	5.96	8.275	1.82
27.2	47.57	7.25	8.291	2.21
27.25	46.79	6.74	8.306	2.06
27.3	45.39	7.41	8.321	2.26
27.35	43.7	3.61	8.336	1.1
27.4	42.35	4.59	8.351	1.4
27.45	41.17	6.58	8.367	2.01
27.5	39.09	6.31	8.382	1.92
27.55	37.54	6.53	8.397	1.99
27.6	35.77	7.21	8.412	2.2
27.65	34.39	5.42	8.428	1.65
27.7	32.19	7.69	8.443	2.34
27.75	30.6	5.92	8.458	1.8
27.8	29.8	5.89	8.473	1.8
27.85	28.4	3.73	8.489	1.14
27.9	27.7	5.32	8.504	1.62
27.95	25.85	5.43	8.519	1.65
28	24.42	4.99	8.534	1.52
28.05	23.71	6.75	8.55	2.06
28.1	22.36	6.08	8.565	1.85
28.15	20.68	6.07	8.58	1.85
28.2	19.34	6.85	8.595	2.09
28.25	18.17	6.18	8.611	1.88
28.3	16.58	6.43	8.626	1.96
28.35	14.79	7.15	8.641	2.18
28.4	13.9	6.31	8.656	1.92
28.45	13.45	6.91	8.672	2.11
28.5	12.72	7.08	8.687	2.16
28.55	11.86	8.51	8.702	2.59
28.6	11.43	5.61	8.717	1.71
28.65	11.22	6.35	8.732	1.93
28.7	11.11	6.81	8.748	2.07
28.75	10.55	7.57	8.763	2.31
28.8	10.28	7.78	8.778	2.37
28.85	10.14	7.1	8.793	2.16
28.9	10.07	6.32	8.809	1.93
28.95	10.03	6.08	8.824	1.85
29	10.02	7.53	8.839	2.29
29.05	10.51	5.97	8.854	1.82
29.1	11.25	5.89	8.87	1.8
29.15	11.13	6.28	8.885	1.91
29.2	11.06	7.37	8.9	2.25
29.25	11.53	6.18	8.915	1.88
29.3	11.77	6.45	8.931	1.97
29.35	11.88	9.79	8.946	2.98
29.4	11.94	6.77	8.961	2.06
29.45	11.97	7	8.976	2.13
29.5	11.99	7.62	8.992	2.32
29.55	11.49	7.6	9.007	2.32
29.6	11.25	7.14	9.022	2.18
29.65	11.62	7.86	9.037	2.4
29.7	11.81	6.94	9.053	2.12
29.75	11.91	8.66	9.068	2.64
29.8	12.45	6.37	9.083	1.94
29.85	13.23	6.81	9.098	2.07
29.9	14.11	7.17	9.113	2.19
29.95	15.06	6.24	9.129	1.9
30	17.03	6.55	9.144	2
30.05	19.01	6.4	9.159	1.95

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30.1	20.01	7.18	9.174	2.19
30.15	19	7.14	9.19	2.18
30.2	18	6.96	9.205	2.12
30.25	17	7.61	9.22	2.32
30.3	16	6.58	9.235	2.01
30.35	15.5	5.53	9.251	1.68
30.4	14.25	6.86	9.266	2.09
30.45	14.63	6.55	9.281	2
30.5	14.81	6.49	9.296	1.98
30.55	15.41	7.38	9.312	2.25
30.6	15.7	7.12	9.327	2.17
30.65	16.85	7.96	9.342	2.43
30.7	18.43	7.37	9.357	2.24
30.75	19.71	7.51	9.373	2.29
30.8	22.86	7.83	9.388	2.39
30.85	27.43	8.37	9.403	2.55
30.9	31.21	7.4	9.418	2.26
30.95	34.11	7.64	9.434	2.33
31	35.05	6.95	9.449	2.12
31.05	36.53	8.07	9.464	2.46
31.1	36.76	8.12	9.479	2.47
31.15	36.38	9.04	9.494	2.75
31.2	36.19	8.74	9.51	2.66
31.25	35.1	7.72	9.525	2.35
31.3	34.05	7.44	9.54	2.27
31.35	32.52	7.74	9.555	2.36
31.4	31.76	8.21	9.571	2.5
31.45	29.88	8.97	9.586	2.73
31.5	27.94	6.93	9.601	2.11
31.55	25.97	7.84	9.616	2.39
31.6	24.49	7.57	9.632	2.31
31.65	23.24	7.76	9.647	2.37
31.7	22.12	7.65	9.662	2.33
31.75	21.06	7.39	9.677	2.25
31.8	20.03	7.65	9.693	2.33
31.85	19.02	7.54	9.708	2.3
31.9	18.51	6.92	9.723	2.11
31.95	18.25	7.2	9.738	2.19
32	18.13	7.49	9.754	2.28
32.05	17.56	8.04	9.769	2.45
32.1	16.78	8.39	9.784	2.56
32.15	15.89	7.92	9.799	2.41
32.2	15.95	9.21	9.814	2.81
32.25	16.47	8.29	9.83	2.53
32.3	16.24	7.71	9.845	2.35
32.35	15.62	8.52	9.86	2.6
32.4	16.31	7.38	9.875	2.25
32.45	17.65	4.62	9.891	1.41
32.5	19.33	7.84	9.906	2.39
32.55	20.66	7.09	9.921	2.16
32.6	23.33	7.02	9.936	2.14
32.65	26.67	6.37	9.952	1.94
32.7	28.33	7.08	9.967	2.16
32.75	29.17	7.61	9.982	2.32
32.8	30.08	5.92	9.997	1.81
32.85	32.54	4.72	10.013	1.44
32.9	34.27	6.69	10.028	2.04
32.95	35.64	5.2	10.043	1.59
33	37.32	5.55	10.058	1.69
33.05	38.16	6.15	10.074	1.88
33.1	39.08	5.51	10.089	1.68
33.15	40.04	6.48	10.104	1.97

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	40.52	8.8	10.119	2.68
33.25	40.76	7.3	10.135	2.23
33.3	42.38	8.82	10.15	2.69
33.35	44.19	9.5	10.165	2.9
33.4	45.59	9.72	10.18	2.96
33.45	46.8	9.48	10.195	2.89
33.5	47.9	7.69	10.211	2.34
33.55	48.45	8.27	10.226	2.52
33.6	48.22	9.65	10.241	2.94
33.65	49.11	10.51	10.256	3.2
33.7	49.56	10.01	10.272	3.05
33.75	49.28	9.36	10.287	2.85
33.8	48.64	11.59	10.302	3.53
33.85	48.82	10.25	10.317	3.12
33.9	49.41	8.8	10.333	2.68
33.95	48.7	8.31	10.348	2.53
34	48.85	10.44	10.363	3.18
34.05	48.93	7.74	10.378	2.36
34.1	48.46	6.15	10.394	1.88
34.15	48.73	7.48	10.409	2.28
34.2	48.87	8.3	10.424	2.53
34.25	49.43	7.32	10.439	2.23
34.3	50.22	6.94	10.455	2.12
34.35	50.11	9.52	10.47	2.9
34.4	51.05	8.9	10.485	2.71
34.45	50.03	9.14	10.5	2.79
34.5	51.01	7.49	10.516	2.28
34.55	51.01	9.78	10.531	2.98
34.6	51.5	7.58	10.546	2.31
34.65	51.75	7.94	10.561	2.42
34.7	51.88	8.26	10.576	2.52
34.75	51.94	8.35	10.592	2.55
34.8	53.47	8.17	10.607	2.49
34.85	54.23	7.74	10.622	2.36
34.9	56.12	6.84	10.637	2.09
34.95	57.56	6.85	10.653	2.09
35	58.28	8.16	10.668	2.49
35.05	59.64	6.83	10.683	2.08
35.1	62.82	9.19	10.698	2.8
35.15	65.41	8.85	10.714	2.7
35.2	67.2	8.54	10.729	2.6
35.25	69.6	7.34	10.744	2.24
35.3	73.3	8.45	10.759	2.58
35.35	76.15	7.8	10.775	2.38
35.4	76.08	8.46	10.79	2.58
35.45	75.54	7.03	10.805	2.14
35.5	73.77	7.03	10.82	2.14
35.55	73.88	7.31	10.836	2.23
35.6	73.94	8.34	10.851	2.54
35.65	71.47	8.18	10.866	2.49
35.7	68.24	6.91	10.881	2.11
35.75	62.62	8.02	10.897	2.44
35.8	53.81	7.63	10.912	2.33
35.85	46.9	7.05	10.927	2.15
35.9	43.45	7.13	10.942	2.17
35.95	43.23	7.94	10.957	2.42
36	42.61	6.92	10.973	2.11
36.05	38.31	7.25	10.988	2.21
36.1	35.65	6.94	11.003	2.11
36.15	34.33	7.54	11.018	2.3
36.2	35.16	8.05	11.034	2.45
36.25	35.08	7.77	11.049	2.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	35.54	7.69	11.064	2.34
36.35	36.77	7.85	11.079	2.39
36.4	37.39	9.02	11.095	2.75
36.45	37.69	9.77	11.11	2.98
36.5	37.85	7.07	11.125	2.15
36.55	38.42	8.47	11.14	2.58
36.6	38.71	8.17	11.156	2.49
36.65	38.36	8.38	11.171	2.55
36.7	38.68	7.75	11.186	2.36
36.75	37.84	7.98	11.201	2.43
36.8	37.42	7.31	11.217	2.23
36.85	36.71	7.39	11.232	2.25
36.9	36.35	7.84	11.247	2.39
36.95	36.18	8.42	11.262	2.57
37	36.09	7.54	11.278	2.3
37.05	36.04	7.08	11.293	2.16
37.1	36.02	7.07	11.308	2.16
37.15	36.01	7.68	11.323	2.34
37.2	36.51	7.14	11.338	2.17
37.25	37.25	7.63	11.354	2.33
37.3	38.13	6.16	11.369	1.88
37.35	39.06	2.83	11.384	0.86
37.4	39.03	2.54	11.399	0.78
37.45	40.02	7.94	11.415	2.42
37.5	41.01	6.85	11.43	2.09
37.55	42	4.49	11.445	1.37
37.6	44	3.62	11.46	1.1
37.65	45	3.7	11.476	1.13
37.7	46.5	5.26	11.491	1.6
37.75	48.25	6.88	11.506	2.1
37.8	49.63	3.91	11.521	1.19
37.85	51.81	5.67	11.537	1.73
37.9	53.41	7.36	11.552	2.24
37.95	55.2	6.88	11.567	2.1
38	57.6	5.73	11.582	1.75
38.05	60.3	4.81	11.598	1.47
38.1	61.65	6.99	11.613	2.13
38.15	62.83	5.84	11.628	1.78
38.2	63.91	4.39	11.643	1.34
38.25	64.96	4.44	11.659	1.35
38.3	65.48	6.22	11.674	1.89
38.35	65.24	5.7	11.689	1.74
38.4	65.62	5.57	11.704	1.7
38.45	65.81	5.74	11.719	1.75
38.5	65.9	7.54	11.735	2.3
38.55	65.95	6.81	11.75	2.08
38.6	65.48	7.16	11.765	2.18
38.65	65.24	6.7	11.78	2.04
38.7	65.12	6.49	11.796	1.98
38.75	65.06	6.59	11.811	2.01
38.8	65.53	6.94	11.826	2.12
38.85	64.76	7.44	11.841	2.27
38.9	64.38	6.03	11.857	1.84
38.95	63.69	7.08	11.872	2.16
39	64.85	7.2	11.887	2.19
39.05	66.42	5.44	11.902	1.66
39.1	67.71	4.83	11.918	1.47
39.15	67.86	6.39	11.933	1.95
39.2	68.43	6.26	11.948	1.91
39.25	69.71	6.64	11.963	2.02
39.3	71.36	5.02	11.979	1.53
39.35	73.18	5.89	11.994	1.8

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39.4	75.59	6.16	12.009	1.88
39.45	77.29	5.19	12.024	1.58
39.5	77.65	4.46	12.04	1.36
39.55	77.32	5.08	12.055	1.55
39.6	77.66	5.57	12.07	1.7
39.65	76.83	6.02	12.085	1.83
39.7	77.92	5.98	12.1	1.82
39.75	77.96	5.78	12.116	1.76
39.8	77.98	5.36	12.131	1.63
39.85	77.49	5.7	12.146	1.74
39.9	77.24	5.53	12.161	1.69
39.95	77.12	5.01	12.177	1.53
40	77.06	5.82	12.192	1.77
40.05	76.53	5.18	12.207	1.58
40.1	75.27	5.57	12.222	1.7
40.15	73.63	4.57	12.238	1.39
40.2	72.32	6.12	12.253	1.86
40.25	71.16	5.46	12.268	1.66
40.3	70.08	5.72	12.283	1.74
40.35	69.04	5.28	12.299	1.61
40.4	67.02	6.24	12.314	1.9
40.45	67.01	5.76	12.329	1.76
40.5	68.5	6.99	12.344	2.13
40.55	67.75	5.96	12.36	1.82
40.6	65.38	4.96	12.375	1.51
40.65	64.19	5.64	12.39	1.72
40.7	62.59	5.41	12.405	1.65
40.75	60.8	5.12	12.42	1.56
40.8	60.4	5.82	12.436	1.77
40.85	60.7	6.76	12.451	2.06
40.9	60.85	5.1	12.466	1.55
40.95	60.92	5.6	12.481	1.71
41	60.96	6.73	12.497	2.05
41.05	61.48	6.54	12.512	1.99
41.1	61.24	6.06	12.527	1.85
41.15	61.62	5.8	12.542	1.77
41.2	61.31	5.91	12.558	1.8
41.25	62.16	6.4	12.573	1.95
41.3	63.58	5.84	12.588	1.78
41.35	63.79	5.15	12.603	1.57
41.4	63.89	6.91	12.619	2.1
41.45	64.45	6.75	12.634	2.06
41.5	63.72	5.04	12.649	1.54
41.55	62.86	5.54	12.664	1.69
41.6	62.93	5.77	12.68	1.76
41.65	63.97	5.78	12.695	1.76
41.7	62.98	5.67	12.71	1.73
41.75	61.49	5.61	12.725	1.71
41.8	59.25	5.8	12.741	1.77
41.85	57.62	5.35	12.756	1.63
41.9	57.31	5.73	12.771	1.75
41.95	56.16	6.23	12.786	1.9
42	55.08	5.2	12.801	1.58
42.05	54.04	5.32	12.817	1.62
42.1	53.02	5.54	12.832	1.69
42.15	51.51	5.48	12.847	1.67
42.2	53.25	6.83	12.862	2.08
42.25	53.13	6.37	12.878	1.94
42.3	52.06	5.76	12.893	1.75
42.35	52.53	3.96	12.908	1.21
42.4	52.77	4.53	12.923	1.38
42.45	53.88	5.31	12.939	1.62

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42.5	53.44	7.1	12.954	2.16
42.55	53.72	5.34	12.969	1.63
42.6	54.36	6.02	12.984	1.83
42.65	54.18	5.6	13	1.71
42.7	54.59	8.29	13.015	2.53
42.75	53.8	5.01	13.03	1.53
42.8	53.9	7.57	13.045	2.31
42.85	53.45	7.19	13.061	2.19
42.9	53.22	6.92	13.076	2.11
42.95	52.11	8.68	13.091	2.65
43	51.56	5.73	13.106	1.75
43.05	52.28	6.56	13.122	2
43.1	52.14	7.6	13.137	2.32
43.15	52.57	6.07	13.152	1.85
43.2	52.78	7.33	13.167	2.23
43.25	52.39	4.01	13.182	1.22
43.3	52.2	5.41	13.198	1.65
43.35	51.6	6.89	13.213	2.1
43.4	52.3	6.12	13.228	1.86
43.45	50.65	6.05	13.243	1.84
43.5	51.32	7.22	13.259	2.2
43.55	50.66	6.94	13.274	2.11
43.6	51.33	5.76	13.289	1.76
43.65	51.17	6.47	13.304	1.97
43.7	51.08	6.98	13.32	2.13
43.75	50.54	7.19	13.335	2.19
43.8	51.27	6.41	13.35	1.95
43.85	50.14	7.34	13.365	2.24
43.9	51.07	8.36	13.381	2.55
43.95	51.53	7.27	13.396	2.22
44	50.77	7.07	13.411	2.15
44.05	50.38	6.83	13.426	2.08
44.1	50.69	7.56	13.442	2.31
44.15	50.85	8.12	13.457	2.48
44.2	51.42	7.9	13.472	2.41
44.25	51.21	6	13.487	1.83
44.3	51.11	5.12	13.503	1.56
44.35	51.55	6.44	13.518	1.96
44.4	50.78	7.39	13.533	2.25
44.45	50.89	6.21	13.548	1.89
44.5	51.44	6.34	13.563	1.93
44.55	51.22	6.19	13.579	1.89
44.6	51.61	5.78	13.594	1.76
44.65	50.81	6.64	13.609	2.02
44.7	50.4	6.61	13.624	2.01
44.75	51.2	8.25	13.64	2.52
44.8	51.6	5.59	13.655	1.7
44.85	50.8	6.86	13.67	2.09
44.9	50.4	5.94	13.685	1.81
44.95	51.2	6.47	13.701	1.97
45	51.6	7.09	13.716	2.16
45.05	52.3	6.58	13.731	2.01
45.1	53.65	6.75	13.746	2.06
45.15	52.33	7.36	13.762	2.24
45.2	52.66	7.64	13.777	2.33
45.25	53.33	7.53	13.792	2.3
45.3	51.67	8.31	13.807	2.53
45.35	52.33	7.58	13.823	2.31
45.4	53.17	7.27	13.838	2.22
45.45	53.58	7.22	13.853	2.2
45.5	50.79	8.71	13.868	2.65
45.55	50.9	8.1	13.884	2.47

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45.6	50.45	7.07	13.899	2.15
45.65	50.72	6.85	13.914	2.09
45.7	50.86	8.67	13.929	2.64
45.75	51.43	6.8	13.944	2.07
45.8	51.72	6.46	13.96	1.97
45.85	51.86	6.53	13.975	1.99
45.9	51.93	8.5	13.99	2.59
45.95	51.46	6.81	14.005	2.08
46	51.73	6.6	14.021	2.01
46.05	51.87	7.22	14.036	2.2
46.1	51.43	7.35	14.051	2.24
46.15	52.22	7.26	14.066	2.21
46.2	52.11	6.68	14.082	2.04
46.25	53.05	6.9	14.097	2.1
46.3	53.53	5.93	14.112	1.81
46.35	52.26	6.64	14.127	2.02
46.4	51.63	6.84	14.143	2.09
46.45	51.82	7.52	14.158	2.29
46.5	50.91	7.6	14.173	2.32
46.55	50.95	6.25	14.188	1.9
46.6	51.98	5.63	14.204	1.72
46.65	51.99	6.82	14.219	2.08
46.7	50.99	6.98	14.234	2.13
46.75	51	6.6	14.249	2.01
46.8	51.5	5.58	14.265	1.7
46.85	51.75	7.07	14.28	2.16
46.9	51.37	6.07	14.295	1.85
46.95	51.19	6.52	14.31	1.99
47	51.09	6.41	14.325	1.95
47.05	52.05	6.74	14.341	2.05
47.1	51.02	6.23	14.356	1.9
47.15	51.01	6.07	14.371	1.85
47.2	50.51	7.08	14.386	2.16
47.25	49.75	7.55	14.402	2.3
47.3	50.38	6.24	14.417	1.9
47.35	50.69	4.39	14.432	1.34
47.4	50.84	1.13	14.447	0.34
47.45	50.42	6.49	14.463	1.98
47.5	50.71	7.45	14.478	2.27
47.55	50.86	6.88	14.493	2.1
47.6	51.93	6.22	14.508	1.9
47.65	51.46	5.95	14.524	1.81
47.7	51.73	7.74	14.539	2.36
47.75	51.37	5.31	14.554	1.62
47.8	50.68	8.1	14.569	2.47
47.85	49.84	6.78	14.585	2.07
47.9	49.42	7.96	14.6	2.42
47.95	49.21	7.77	14.615	2.37
48	48.61	6.27	14.63	1.91
48.05	47.8	7.05	14.646	2.15
48.1	47.9	7.63	14.661	2.32
48.15	48.45	5.54	14.676	1.69
48.2	48.73	6.05	14.691	1.84
48.25	48.36	5.12	14.706	1.56
48.3	48.18	7.05	14.722	2.15
48.35	46.59	6.75	14.737	2.06
48.4	47.3	5.77	14.752	1.76
48.45	46.65	5.9	14.767	1.8
48.5	46.32	6.12	14.783	1.87
48.55	46.16	6.28	14.798	1.91
48.6	45.58	5.83	14.813	1.78
48.65	45.29	6.04	14.828	1.84

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48.7	45.65	5.32	14.844	1.62
48.75	45.82	5.69	14.859	1.73
48.8	46.41	6.9	14.874	2.1
48.85	45.71	7.07	14.889	2.15
48.9	45.85	6.23	14.905	1.9
48.95	45.43	6.64	14.92	2.03
49	45.21	7.8	14.935	2.38
49.05	46.11	7.25	14.95	2.21
49.1	46.05	5.78	14.966	1.76
49.15	46.03	8.01	14.981	2.44
49.2	46.01	7.05	14.996	2.15
49.25	46.01	6.03	15.011	1.84
49.3	45.5	5.66	15.026	1.72
49.35	45.25	6.46	15.042	1.97
49.4	44.13	7.5	15.057	2.29
49.45	44.56	6.74	15.072	2.06
49.5	43.78	5.51	15.087	1.68
49.55	43.39	5.94	15.103	1.81
49.6	42.7	5.45	15.118	1.66
49.65	41.35	5.94	15.133	1.81
49.7	39.67	6.5	15.148	1.98
49.75	38.84	6.27	15.164	1.91
49.8	38.92	6.09	15.179	1.86
49.85	38.46	5.75	15.194	1.75
49.9	38.23	5.67	15.209	1.73
49.95	37.61	6.21	15.225	1.89
50	36.81	7.18	15.24	2.19
50.05	36.4	6.1	15.255	1.86
50.1	36.2	6.21	15.27	1.89
50.15	36.6	7.04	15.286	2.14
50.2	36.3	6.19	15.301	1.89
50.25	36.65	7.02	15.316	2.14
50.3	36.33	7.22	15.331	2.2
50.35	36.66	6.7	15.347	2.04
50.4	36.83	6.03	15.362	1.84
50.45	37.42	6.06	15.377	1.85
50.5	38.21	6.61	15.392	2.01
50.55	38.6	6.52	15.407	1.99
50.6	39.8	5.81	15.423	1.77
50.65	40.9	5.7	15.438	1.74
50.7	41.45	6.41	15.453	1.95
50.75	41.23	5.71	15.468	1.74
50.8	42.11	6.47	15.484	1.97
50.85	42.56	6.35	15.499	1.94
50.9	43.28	7.03	15.514	2.14
50.95	43.64	6.35	15.529	1.94
51	43.82	6.46	15.545	1.97
51.05	44.41	5.78	15.56	1.76
51.1	44.7	6.64	15.575	2.02
51.15	44.85	6.59	15.59	2.01
51.2	45.43	6.67	15.606	2.03
51.25	46.21	6.34	15.621	1.93
51.3	45.61	5.98	15.636	1.82
51.35	44.8	7.11	15.651	2.17
51.4	45.4	6.51	15.667	1.98
51.45	44.7	7.04	15.682	2.15
51.5	44.85	6.5	15.697	1.98
51.55	45.43	6.67	15.712	2.03
51.6	45.21	7.21	15.728	2.2
51.65	45.61	6.86	15.743	2.09
51.7	46.8	6.98	15.758	2.13
51.75	47.4	5.43	15.773	1.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	48.2	5.57	15.788	1.7
51.85	49.1	5.45	15.804	1.66
51.9	50.05	6.19	15.819	1.89
51.95	51.03	5.6	15.834	1.71
52	52.51	5.43	15.849	1.66
52.05	53.26	6.23	15.865	1.9
52.1	55.13	5.62	15.88	1.71
52.15	56.06	6.13	15.895	1.87
52.2	57.53	5.96	15.91	1.82
52.25	58.27	5.61	15.926	1.71
52.3	59.63	4.95	15.941	1.51
52.35	59.82	0	15.956	0
52.4	59.41	1.84	15.971	0.56
52.45	60.2	6.4	15.987	1.95
52.5	61.6	5.73	16.002	1.75
52.55	62.8	5.86	16.017	1.79
52.6	63.9	4.1	16.032	1.25
52.65	65.95	7.01	16.048	2.14
52.7	66.98	6.66	16.063	2.03
52.75	66.99	6.17	16.078	1.88
52.8	66.99	6.45	16.093	1.97
52.85	67	8.83	16.109	2.69
52.9	66	7.65	16.124	2.33
52.95	65.5	4.9	16.139	1.49
53	65.75	6.89	16.154	2.1
53.05	66.87	8.9	16.169	2.71
53.1	65.44	7.08	16.185	2.16
53.15	64.72	6.85	16.2	2.09
53.2	65.36	7.67	16.215	2.34
53.25	64.68	5.95	16.23	1.81
53.3	65.34	7.31	16.246	2.23
53.35	65.17	5.86	16.261	1.79
53.4	64.08	4.34	16.276	1.32
53.45	63.04	4.24	16.291	1.29
53.5	62.02	6.81	16.307	2.08
53.55	62.01	4.22	16.322	1.29
53.6	60.51	4.68	16.337	1.43
53.65	59.75	4.89	16.352	1.49
53.7	58.88	5.49	16.368	1.67
53.75	57.94	5.2	16.383	1.59
53.8	56.97	5.77	16.398	1.76
53.85	55.98	4.82	16.413	1.47
53.9	56.99	6.32	16.429	1.93
53.95	57.5	6.57	16.444	2
54	56.25	6.04	16.459	1.84
54.05	56.12	6.06	16.474	1.85
54.1	57.06	7.48	16.49	2.28
54.15	55.53	5.56	16.505	1.69
54.2	56.27	5.96	16.52	1.82
54.25	55.63	6.33	16.535	1.93
54.3	54.82	8.73	16.55	2.66
54.35	54.41	7.32	16.566	2.23
54.4	54.2	6.75	16.581	2.06
54.45	54.6	6.76	16.596	2.06
54.5	53.8	6.45	16.611	1.97
54.55	52.9	6.94	16.627	2.12
54.6	52.45	5.75	16.642	1.75
54.65	52.73	5.54	16.657	1.69
54.7	51.86	5.01	16.672	1.53
54.75	51.43	6.89	16.688	2.1
54.8	51.22	5.29	16.703	1.61
54.85	51.61	4.86	16.718	1.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	52.3	6.29	16.733	1.92
54.95	51.15	6.38	16.749	1.94
55	51.58	6.9	16.764	2.1
55.05	51.29	6.64	16.779	2.02
55.1	51.14	6.35	16.794	1.93
55.15	50.57	6.33	16.81	1.93
55.2	50.79	6.98	16.825	2.13
55.25	51.39	7.4	16.84	2.25
55.3	52.2	6.52	16.855	1.99
55.35	52.6	7.38	16.871	2.25
55.4	52.8	6.63	16.886	2.02
55.45	52.4	7.42	16.901	2.26
55.5	53.2	7.21	16.916	2.2
55.55	52.6	6.45	16.931	1.97
55.6	52.8	6.33	16.947	1.93
55.65	51.9	5.31	16.962	1.62
55.7	52.45	5.24	16.977	1.6
55.75	52.22	6.37	16.992	1.94
55.8	52.61	6.24	17.008	1.9
55.85	52.31	5.91	17.023	1.8
55.9	51.65	5.77	17.038	1.76
55.95	52.33	4.27	17.053	1.3
56	51.66	4.7	17.069	1.43
56.05	50.33	5.72	17.084	1.74
56.1	50.17	5.39	17.099	1.64
56.15	49.08	4.84	17.114	1.47
56.2	48.54	5.38	17.13	1.64
56.25	47.77	5.24	17.145	1.6
56.3	46.89	6.34	17.16	1.93
56.35	46.44	5.48	17.175	1.67
56.4	46.72	5.76	17.191	1.76
56.45	47.36	6.14	17.206	1.87
56.5	46.68	4.81	17.221	1.47
56.55	46.34	4.73	17.236	1.44
56.6	46.67	6.03	17.252	1.84
56.65	45.34	5.36	17.267	1.63
56.7	45.67	5.04	17.282	1.53
56.75	45.83	6.07	17.297	1.85
56.8	45.92	5.07	17.312	1.55
56.85	44.96	6.09	17.328	1.86
56.9	44.48	5.44	17.343	1.66
56.95	44.24	5.45	17.358	1.66
57	43.62	5.11	17.373	1.56
57.05	42.81	5.7	17.389	1.74
57.1	42.4	4.83	17.404	1.47
57.15	41.7	5.13	17.419	1.56
57.2	40.85	5.63	17.434	1.72
57.25	40.43	3.71	17.45	1.13
57.3	39.21	4.2	17.465	1.28
57.35	39.11	5.5	17.48	1.68
57.4	38.55	2.57	17.495	0.78
57.45	38.78	2.84	17.511	0.87
57.5	38.39	4.79	17.526	1.46
57.55	38.19	2.55	17.541	0.78
57.6	37.6	3.62	17.556	1.1
57.65	36.8	8.64	17.572	2.63
57.7	37.4	4.02	17.587	1.23
57.75	36.2	5.51	17.602	1.68
57.8	35.6	5.13	17.617	1.56
57.85	34.8	5.92	17.632	1.81
57.9	34.4	6.53	17.648	1.99
57.95	34.2	4.78	17.663	1.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	33.6	4.63	17.678	1.41
58.05	33.3	5.67	17.693	1.73
58.1	33.15	5.43	17.709	1.65
58.15	33.07	6.33	17.724	1.93
58.2	33.04	5.5	17.739	1.68
58.25	32.52	7.8	17.754	2.38
58.3	31.26	4.35	17.77	1.33
58.35	30.63	5.54	17.785	1.69
58.4	29.31	6.19	17.8	1.89
58.45	27.16	5.16	17.815	1.57
58.5	25.58	5.6	17.831	1.71
58.55	23.79	5.02	17.846	1.53
58.6	21.89	6.08	17.861	1.85
58.65	19.45	4.72	17.876	1.44
58.7	17.22	4.6	17.892	1.4
58.75	15.11	3.08	17.907	0.94
58.8	14.56	4.23	17.922	1.29
58.85	13.78	3.46	17.937	1.05
58.9	13.89	4.3	17.953	1.31
58.95	13.44	4.37	17.968	1.33
59	13.22	5.47	17.983	1.67
59.05	13.61	5.08	17.998	1.55
59.1	14.31	5.39	18.013	1.64
59.15	14.65	5.21	18.029	1.59
59.2	15.83	4.85	18.044	1.48
59.25	16.41	4.95	18.059	1.51
59.3	15.71	8	18.074	2.44
59.35	13.85	5.61	18.09	1.71
59.4	11.93	5.86	18.105	1.79
59.45	9.96	5.78	18.12	1.76
59.5	8.98	6.17	18.135	1.88
59.55	8.99	6.6	18.151	2.01
59.6	9.5	6.56	18.166	2
59.65	9.25	6.12	18.181	1.87
59.7	9.62	5.97	18.196	1.82
59.75	9.81	6.73	18.212	2.05
59.8	11.41	7.39	18.227	2.25
59.85	13.7	7.71	18.242	2.35
59.9	16.85	5.88	18.257	1.79
59.95	18.43	5.92	18.273	1.8
60	19.71	6	18.288	1.83
60.05	25.86	5.1	18.303	1.55
60.1	29.43	5.98	18.318	1.82
60.15	30.71	5.83	18.334	1.78
60.2	33.86	6.37	18.349	1.94
60.25	34.43	5.37	18.364	1.64
60.3	34.21	6.51	18.379	1.98
60.35	32.61	6.31	18.394	1.92
60.4	31.3	4.82	18.41	1.47
60.45	33.15	7.1	18.425	2.16
60.5	35.08	5.21	18.44	1.59
60.55	36.04	5.76	18.455	1.75
60.6	35.52	5.14	18.471	1.57
60.65	33.76	5.47	18.486	1.67
60.7	32.38	4.58	18.501	1.4
60.75	31.69	5.59	18.516	1.7
60.8	31.84	5.08	18.532	1.55
60.85	35.42	5.58	18.547	1.7
60.9	37.71	4.66	18.562	1.42
60.95	39.36	5.18	18.577	1.58
61	38.18	5.97	18.593	1.82
61.05	38.59	5.21	18.608	1.59

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61.1	38.79	6.21	18.623	1.89
61.15	38.9	5.3	18.638	1.62
61.2	38.45	5.29	18.654	1.61
61.25	38.22	5.43	18.669	1.65
61.3	37.11	4.83	18.684	1.47
61.35	34.06	4.29	18.699	1.31
61.4	30.53	5.36	18.715	1.63
61.45	27.76	4.97	18.73	1.51
61.5	25.88	4.36	18.745	1.33
61.55	24.94	5.22	18.76	1.59
61.6	23.97	4.6	18.775	1.4
61.65	22.99	4.77	18.791	1.45
61.7	21.99	4.7	18.806	1.43
61.75	21.5	4.38	18.821	1.33
61.8	21.25	5.38	18.836	1.64
61.85	22.12	4.24	18.852	1.29
61.9	22.06	4.51	18.867	1.38
61.95	22.03	4.15	18.882	1.26
62	22.02	4.51	18.897	1.38
62.05	22.51	4.19	18.913	1.28
62.1	22.75	4.68	18.928	1.43
62.15	22.38	5.59	18.943	1.7
62.2	23.19	5.02	18.958	1.53
62.25	24.09	5.55	18.974	1.69
62.3	24.05	4.17	18.989	1.27
62.35	25.52	2.08	19.004	0.63
62.4	26.26	1.62	19.019	0.49
62.45	26.63	6.25	19.035	1.9
62.5	27.82	5.34	19.05	1.63
62.55	28.41	4.99	19.065	1.52
62.6	28.2	5.19	19.08	1.58
62.65	28.6	6.12	19.096	1.86
62.7	28.8	5.77	19.111	1.76
62.75	28.9	4.28	19.126	1.31
62.8	28.95	6.9	19.141	2.1
62.85	28.98	4.39	19.156	1.34
62.9	28.99	3.8	19.172	1.16
62.95	27.99	4.08	19.187	1.24
63	26.5	4.65	19.202	1.42
63.05	25.25	6.45	19.217	1.97
63.1	23.62	3.5	19.233	1.07
63.15	21.81	5.41	19.248	1.65
63.2	20.41	4.78	19.263	1.46
63.25	18.2	8.36	19.278	2.55
63.3	16.6	4.96	19.294	1.51
63.35	15.8	4.29	19.309	1.31
63.4	14.4	5.7	19.324	1.74
63.45	13.7	6.33	19.339	1.93
63.5	12.85	5.86	19.355	1.79
63.55	11.93	9.03	19.37	2.75
63.6	11.46	5.58	19.385	1.7
63.65	11.23	3.18	19.4	0.97
63.7	11.12	5.07	19.416	1.55
63.75	11.06	6.04	19.431	1.84
63.8	11.53	6.5	19.446	1.98
63.85	11.76	7.61	19.461	2.32
63.9	12.38	5.77	19.477	1.76
63.95	13.69	5.87	19.492	1.79
64	14.85	4.87	19.507	1.48
64.05	17.42	4.46	19.522	1.36
64.1	19.21	4.79	19.537	1.46
64.15	22.11	6.4	19.553	1.95

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64.2	25.05	5.08	19.568	1.55
64.25	27.03	4.17	19.583	1.27
64.3	28.51	6.54	19.598	1.99
64.35	29.26	5.57	19.614	1.7
64.4	30.63	5.67	19.629	1.73
64.45	31.31	6.12	19.644	1.87
64.5	32.16	6.12	19.659	1.86
64.55	33.08	4.32	19.675	1.32
64.6	33.04	5.3	19.69	1.61
64.65	32.02	4.33	19.705	1.32
64.7	32.01	5.36	19.72	1.63
64.75	31.5	5.83	19.736	1.78
64.8	32.25	6.23	19.751	1.9
64.85	31.63	5.63	19.766	1.72
64.9	32.31	7.88	19.781	2.4
64.95	32.66	5.25	19.797	1.6
65	33.83	4.22	19.812	1.29
65.05	33.41	5.99	19.827	1.83
65.1	33.71	3.92	19.842	1.2
65.15	33.85	4.07	19.858	1.24
65.2	34.93	5.69	19.873	1.73
65.25	35.46	4.69	19.888	1.43
65.3	35.73	3.58	19.903	1.09
65.35	35.87	4.21	19.918	1.28
65.4	35.43	4.31	19.934	1.31
65.45	36.22	4.56	19.949	1.39
65.5	36.61	3.98	19.964	1.21
65.55	36.3	4.23	19.979	1.29
65.6	35.65	4.83	19.995	1.47
65.65	35.33	4.67	20.01	1.42
65.7	35.16	4.56	20.025	1.39
65.75	33.58	4.27	20.04	1.3
65.8	31.29	6.49	20.056	1.98
65.85	29.65	4.88	20.071	1.49
65.9	29.82	5.53	20.086	1.68
65.95	29.41	4.55	20.101	1.39
66	28.21	3.87	20.117	1.18
66.05	27.6	4.87	20.132	1.48
66.1	27.8	3.62	20.147	1.1
66.15	27.9	5.4	20.162	1.64
66.2	28.45	3.85	20.178	1.17
66.25	28.73	2.95	20.193	0.9
66.3	27.86	3.95	20.208	1.21
66.35	26.93	4.38	20.223	1.34
66.4	25.97	4.03	20.239	1.23
66.45	24.98	3.38	20.254	1.03
66.5	23.99	3.44	20.269	1.05
66.55	23	3.76	20.284	1.15
66.6	22	3.58	20.3	1.09
66.65	20.5	3.29	20.315	1
66.7	18.75	3.29	20.33	1
66.75	17.87	3.15	20.345	0.96
66.8	16.94	3.07	20.36	0.94
66.85	15.97	3.11	20.376	0.95
66.9	14.98	3.53	20.391	1.07
66.95	14.49	4.25	20.406	1.3
67	13.75	4.55	20.421	1.39
67.05	12.87	3.5	20.437	1.07
67.1	12.44	3.21	20.452	0.98
67.15	11.72	2.86	20.467	0.87
67.2	11.36	3.43	20.482	1.05
67.25	11.18	3.59	20.498	1.09

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67.3	10.59	2.52	20.513	0.77
67.35	9.29	1.65	20.528	0.5
67.4	9.65	3.87	20.543	1.18
67.45	9.32	5.78	20.559	1.76
67.5	9.16	4.08	20.574	1.24
67.55	9.08	4.88	20.589	1.49
67.6	8.54	7.3	20.604	2.22
67.65	8.27	4.64	20.62	1.42
67.7	8.14	3.96	20.635	1.21
67.75	8.07	4.08	20.65	1.24
67.8	7.53	4.48	20.665	1.37
67.85	7.27	5.22	20.681	1.59
67.9	7.13	3.78	20.696	1.15
67.95	7.07	3.69	20.711	1.12
68	7.03	2.31	20.726	0.7
68.05	7.52	3.45	20.742	1.05
68.1	7.76	2.31	20.757	0.7
68.15	8.38	3	20.772	0.91
68.2	8.69	3.67	20.787	1.12
68.25	8.34	6.9	20.802	2.1
68.3	8.17	5.48	20.818	1.67
68.35	7.59	3.71	20.833	1.13
68.4	7.29	3.56	20.848	1.09
68.45	6.65	5.24	20.863	1.6
68.5	6.32	5.83	20.879	1.78
68.55	6.16	3.92	20.894	1.2
68.6	6.08	4.79	20.909	1.46
68.65	6.04	6.47	20.924	1.97
68.7	6.52	4.54	20.94	1.38
68.75	6.26	4.99	20.955	1.52
68.8	6.13	3.87	20.97	1.18
68.85	6.57	6.75	20.985	2.06
68.9	6.28	4.64	21.001	1.41
68.95	6.14	7.36	21.016	2.24
69	6.07	4.38	21.031	1.33
69.05	6.04	6.69	21.046	2.04
69.1	6.02	4.61	21.062	1.41
69.15	6.01	4.4	21.077	1.34
69.2	6	4.48	21.092	1.36
69.25	6.5	3.94	21.107	1.2
69.3	6.25	4.52	21.123	1.38
69.35	6.13	7	21.138	2.13
69.4	6.06	4.67	21.153	1.42
69.45	6.03	4.28	21.168	1.31
69.5	6.52	4.7	21.183	1.43
69.55	6.76	3.98	21.199	1.21
69.6	7.38	4.9	21.214	1.49
69.65	8.19	4.67	21.229	1.42
69.7	9.59	6.2	21.244	1.89
69.75	10.8	4.73	21.26	1.44
69.8	11.9	4.48	21.275	1.36
69.85	14.45	4.43	21.29	1.35
69.9	16.22	4.43	21.305	1.35
69.95	18.11	4.71	21.321	1.44
70	19.06	4.25	21.336	1.3
70.05	20.03	3.5	21.351	1.07
70.1	20.51	4.57	21.366	1.39
70.15	21.26	4.69	21.382	1.43
70.2	21.13	5.51	21.397	1.68
70.25	20.56	3.75	21.412	1.14
70.3	19.28	7.24	21.427	2.21
70.35	18.64	4.54	21.443	1.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	16.82	4.08	21.458	1.24
70.45	15.41	4.12	21.473	1.26
70.5	14.71	3.46	21.488	1.05
70.55	14.35	4.47	21.504	1.36
70.6	14.18	3.19	21.519	0.97
70.65	14.09	4.73	21.534	1.44
70.7	14.04	3.39	21.549	1.03
70.75	14.02	3.39	21.565	1.03
70.8	13.51	5.67	21.58	1.73
70.85	13.26	3.87	21.595	1.18
70.9	13.13	4.39	21.61	1.34
70.95	13.56	4.16	21.625	1.27
71	13.28	4	21.641	1.22
71.05	13.64	3.62	21.656	1.1
71.1	14.32	3.77	21.671	1.15
71.15	15.16	3.87	21.686	1.18
71.2	16.08	3.85	21.702	1.17
71.25	16.54	4.42	21.717	1.35
71.3	17.27	4.08	21.732	1.24
71.35	17.64	4.81	21.747	1.47
71.4	18.32	2.88	21.763	0.88
71.45	17.66	3.75	21.778	1.14
71.5	17.33	3.8	21.793	1.16
71.55	16.16	3.43	21.808	1.05
71.6	16.08	4.04	21.824	1.23
71.65	15.54	3.64	21.839	1.11
71.7	14.77	2.84	21.854	0.86
71.75	14.39	2.99	21.869	0.91
71.8	13.69	3.38	21.885	1.03
71.85	12.85	2.59	21.9	0.79
71.9	11.92	3.32	21.915	1.01
71.95	10.96	2.25	21.93	0.69
72	9.98	2.66	21.946	0.81
72.05	8.99	2.59	21.961	0.79
72.1	8	2.75	21.976	0.84
72.15	7.5	2.7	21.991	0.82
72.2	6.75	2.62	22.007	0.8
72.25	6.37	2.9	22.022	0.89
72.3	6.19	2.2	22.037	0.67
72.35	5.59	0.62	22.052	0.19
72.4	5.8	4.29	22.067	1.31
72.45	5.4	4.25	22.083	1.3
72.5	5.2	3.13	22.098	0.95
72.55	5.1	4.81	22.113	1.47
72.6	5.55	5.12	22.128	1.56
72.65	5.77	6.64	22.144	2.02
72.7	5.89	3.71	22.159	1.13
72.75	5.44	3.06	22.174	0.93
72.8	5.72	2.95	22.189	0.9
72.85	5.86	4.48	22.205	1.36
72.9	5.43	5.52	22.22	1.68
72.95	5.22	3.16	22.235	0.96
73	5.11	2.48	22.25	0.76
73.05	5.05	3.13	22.266	0.95
73.1	5.03	3.16	22.281	0.96
73.15	5.01	3.89	22.296	1.19
73.2	5.01	1.75	22.311	0.53
73.25	5	4.22	22.327	1.29
73.3	5	4.05	22.342	1.24
73.35	5	3.08	22.357	0.94
73.4	5	3.57	22.372	1.09
73.45	5	5.46	22.388	1.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	5.5	3.45	22.403	1.05
73.55	5.25	3.01	22.418	0.92
73.6	5.13	4.87	22.433	1.48
73.65	5.06	3.21	22.448	0.98
73.7	5.03	5.37	22.464	1.64
73.75	5.52	5.82	22.479	1.77
73.8	5.26	3.86	22.494	1.18
73.85	5.13	5.4	22.509	1.65
73.9	5.06	3.8	22.525	1.16
73.95	5.03	4.76	22.54	1.45
74	5.02	3.34	22.555	1.02
74.05	5.01	6.83	22.57	2.08
74.1	5	4.28	22.586	1.3
74.15	4.5	3.42	22.601	1.04
74.2	5.25	4.1	22.616	1.25
74.25	5.13	2.53	22.631	0.77
74.3	5.56	4.3	22.647	1.31
74.35	5.28	3.48	22.662	1.06
74.4	5.64	3.43	22.677	1.05
74.45	5.82	2.45	22.692	0.75
74.5	5.41	3.81	22.708	1.16
74.55	5.21	3.42	22.723	1.04
74.6	5.1	4.72	22.738	1.44
74.65	4.55	3.19	22.753	0.97
74.7	4.78	4	22.769	1.22
74.75	4.39	2.77	22.784	0.84
74.8	4.69	3.48	22.799	1.06
74.85	4.85	3.82	22.814	1.16
74.9	4.92	5.52	22.83	1.68
74.95	4.96	3.42	22.845	1.04
75	4.98	3.21	22.86	0.98
75.05	4.99	4.17	22.875	1.27
75.1	5	5.68	22.89	1.73
75.15	5.5	5.13	22.906	1.56
75.2	5.25	3.76	22.921	1.15
75.25	5.62	3.19	22.936	0.97
75.3	5.31	4.71	22.951	1.44
75.35	5.16	3.17	22.967	0.96
75.4	4.58	4.28	22.982	1.3
75.45	5.29	3.33	22.997	1.01
75.5	6.14	3.61	23.012	1.1
75.55	6.57	3.76	23.028	1.14
75.6	6.29	2.9	23.043	0.88
75.65	6.64	4.62	23.058	1.41
75.7	7.32	2.57	23.073	0.78
75.75	7.66	3.44	23.089	1.05
75.8	8.33	3.77	23.104	1.15
75.85	7.67	3.88	23.119	1.18
75.9	7.83	3.5	23.134	1.07
75.95	7.92	4.14	23.15	1.26
76	7.96	3.76	23.165	1.14
76.05	8.48	3.48	23.18	1.06
76.1	8.24	3.94	23.195	1.2
76.15	8.62	3.89	23.211	1.19
76.2	7.81	2.99	23.226	0.91
76.25	6.9	2.54	23.241	0.78
76.3	6.45	3.48	23.256	1.06
76.35	6.23	2.93	23.271	0.89
76.4	7.11	2.53	23.287	0.77
76.45	7.06	3.62	23.302	1.1
76.5	6.53	2.91	23.317	0.89
76.55	7.26	1.91	23.332	0.58

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76.6	7.63	3.22	23.348	0.98
76.65	7.82	3.48	23.363	1.06
76.7	6.91	1.94	23.378	0.59
76.75	6.95	2.3	23.393	0.7
76.8	6.48	2.73	23.409	0.83
76.85	6.74	1.9	23.424	0.58
76.9	6.37	2	23.439	0.61
76.95	6.18	2.18	23.454	0.67
77	6.59	2.33	23.47	0.71
77.05	6.3	2	23.485	0.61
77.1	6.15	2.3	23.5	0.7
77.15	6.07	1.63	23.515	0.5
77.2	6.04	1.65	23.531	0.5
77.25	5.02	1.53	23.546	0.47
77.3	4.51	1.57	23.561	0.48
77.35	4.75	2.6	23.576	0.79
77.4	4.38	4.29	23.592	1.31
77.45	4.19	2.25	23.607	0.68
77.5	4.09	3.44	23.622	1.05
77.55	3.55	3.48	23.637	1.06
77.6	3.77	4.75	23.653	1.45
77.65	3.39	2.13	23.668	0.65
77.7	3.19	2.28	23.683	0.69
77.75	3.6	1.05	23.698	0.32
77.8	3.3	6.62	23.713	2.02
77.85	3.15	2.34	23.729	0.71
77.9	3.07	3.59	23.744	1.09
77.95	3.54	3.52	23.759	1.07
78	3.77	4.03	23.774	1.23
78.05	3.88	2.84	23.79	0.86
78.1	3.94	2.9	23.805	0.88
78.15	3.47	2.83	23.82	0.86
78.2	3.24	3.61	23.835	1.1
78.25	3.62	4.29	23.851	1.31
78.3	3.31	2.67	23.866	0.81
78.35	3.15	4.39	23.881	1.34
78.4	3.58	2.78	23.896	0.85
78.45	3.29	3.11	23.912	0.95
78.5	3.14	4.66	23.927	1.42
78.55	3.07	3.33	23.942	1.02
78.6	3.54	4.06	23.957	1.24
78.65	3.27	3.38	23.973	1.03
78.7	3.13	2.75	23.988	0.84
78.75	3.57	3.62	24.003	1.1
78.8	3.78	3.02	24.018	0.92
78.85	3.39	3.07	24.034	0.94
78.9	3.2	1.44	24.049	0.44
78.95	3.1	2.59	24.064	0.79
79	3.05	1.15	24.079	0.35
79.05	3.02	2.38	24.095	0.72
79.1	3.01	2.77	24.11	0.84
79.15	3.01	2.47	24.125	0.75
79.2	3	2.01	24.14	0.61
79.25	3	4	24.155	1.22
79.3	3	2.61	24.171	0.79
79.35	3.5	2.69	24.186	0.82
79.4	3.75	3.25	24.201	0.99
79.45	3.88	2.55	24.216	0.78
79.5	4.44	3.73	24.232	1.14
79.55	4.72	6.41	24.247	1.95
79.6	4.86	3.31	24.262	1.01
79.65	4.43	5.18	24.277	1.58

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	4.21	4.2	24.293	1.28
79.75	4.61	4.13	24.308	1.26
79.8	4.3	3.49	24.323	1.06
79.85	4.15	3.19	24.338	0.97
79.9	4.08	3.8	24.354	1.16
79.95	4.04	3.35	24.369	1.02
80	4.02	3.53	24.384	1.07
80.05	4.01	3.53	24.399	1.08
80.1	3.5	3.12	24.415	0.95
80.15	3.75	2.92	24.43	0.89
80.2	4.38	3.24	24.445	0.99
80.25	4.69	2.12	24.46	0.65
80.3	5.34	3.67	24.476	1.12
80.35	6.17	2.18	24.491	0.67
80.4	7.09	2.84	24.506	0.87
80.45	8.54	2.09	24.521	0.64
80.5	9.77	2.55	24.536	0.78
80.55	10.89	3.92	24.552	1.19
80.6	11.44	3.14	24.567	0.96
80.65	11.72	3.55	24.582	1.08
80.7	11.86	3.5	24.597	1.07
80.75	11.43	3.49	24.613	1.06
80.8	10.22	2.97	24.628	0.9
80.85	9.61	3.15	24.643	0.96
80.9	8.8	2.6	24.658	0.79
80.95	7.9	2.78	24.674	0.85
81	6.95	2.38	24.689	0.72
81.05	6.48	2.97	24.704	0.91
81.1	6.24	3.21	24.719	0.98
81.15	6.12	3.96	24.735	1.21
81.2	6.06	1.66	24.75	0.5
81.25	5.53	3.33	24.765	1.02
81.3	4.76	2.14	24.78	0.65
81.35	4.38	2.66	24.796	0.81
81.4	4.69	2.58	24.811	0.79
81.45	4.35	2.41	24.826	0.74
81.5	4.17	1.84	24.841	0.56
81.55	4.09	2.93	24.857	0.89
81.6	3.54	2.2	24.872	0.67
81.65	3.27	2.22	24.887	0.68
81.7	3.14	2.24	24.902	0.68
81.75	3.07	1.7	24.918	0.52
81.8	3.03	1.86	24.933	0.57
81.85	3.02	1.76	24.948	0.54
81.9	2.51	1.44	24.963	0.44
81.95	2.75	1.8	24.978	0.55
82	2.88	2.04	24.994	0.62
82.05	2.44	1.37	25.009	0.42
82.1	2.72	1.71	25.024	0.52
82.15	2.86	2.17	25.039	0.66
82.2	2.43	1.56	25.055	0.47
82.25	2.71	1.16	25.07	0.35
82.3	2.36	4.28	25.085	1.3
82.35	2.18	2.39	25.1	0.73
82.4	2.09	3.36	25.116	1.02
82.45	2.04	1.85	25.131	0.56
82.5	2.02	3.7	25.146	1.13
82.55	2.01	2.45	25.161	0.75
82.6	2.01	2.89	25.177	0.88
82.65	2	1.62	25.192	0.49
82.7	2	1.65	25.207	0.5
82.75	2	2.25	25.222	0.69

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	2	1.99	25.238	0.61
82.85	2	1.35	25.253	0.41
82.9	2	2.16	25.268	0.66
82.95	2	1.87	25.283	0.57
83	2	3.67	25.299	1.12
83.05	2.5	1.81	25.314	0.55
83.1	2.75	2.79	25.329	0.85
83.15	2.38	2.36	25.344	0.72
83.2	2.19	4.17	25.36	1.27
83.25	2.09	3.35	25.375	1.02
83.3	2.05	1.81	25.39	0.55
83.35	2.02	1.98	25.405	0.6
83.4	2.01	5.33	25.42	1.62
83.45	2.01	2.63	25.436	0.8
83.5	2	3.14	25.451	0.96
83.55	2	3.3	25.466	1.01
83.6	2	4.65	25.481	1.42
83.65	2	3.44	25.497	1.05
83.7	2	1.86	25.512	0.57
83.75	2	1.69	25.527	0.51
83.8	2	1.91	25.542	0.58
83.85	2	2.98	25.558	0.91
83.9	2	2.37	25.573	0.72
83.95	2	1.66	25.588	0.51
84	2	1.18	25.603	0.36
84.05	2	3.07	25.619	0.94
84.1	2	2.09	25.634	0.64
84.15	2	2.2	25.649	0.67
84.2	1.5	2.26	25.664	0.69
84.25	1.75	3.11	25.68	0.95
84.3	1.88	2.82	25.695	0.86
84.35	1.94	2.63	25.71	0.8
84.4	1.97	2.32	25.725	0.71
84.45	1.98	2.92	25.741	0.89
84.5	1.99	2.77	25.756	0.84
84.55	2	3.44	25.771	1.05
84.6	2	2.21	25.786	0.67
84.65	2	3.92	25.801	1.19
84.7	2	2.45	25.817	0.75
84.75	2	2.54	25.832	0.78
84.8	2.5	1.89	25.847	0.58
84.85	2.75	3.64	25.862	1.11
84.9	2.87	2.3	25.878	0.7
84.95	2.44	1.56	25.893	0.48
85	2.72	3.08	25.908	0.94
85.05	2.36	2.44	25.923	0.74
85.1	2.18	1.84	25.939	0.56
85.15	2.09	1.51	25.954	0.46
85.2	2.04	2.72	25.969	0.83
85.25	2.02	3.17	25.984	0.97
85.3	2.01	1.87	26	0.57
85.35	2.51	1.36	26.015	0.42
85.4	2.25	2.05	26.03	0.62
85.45	2.63	1.7	26.045	0.52
85.5	2.31	1.94	26.061	0.59
85.55	2.66	2.77	26.076	0.84
85.6	2.83	2.49	26.091	0.76
85.65	2.41	2.81	26.106	0.86
85.7	2.21	2.25	26.122	0.69
85.75	2.1	1.72	26.137	0.53
85.8	1.55	2.77	26.152	0.84
85.85	1.78	1.43	26.167	0.44

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85.9	1.89	1.57	26.183	0.48
85.95	1.94	1.28	26.198	0.39
86	1.97	1.51	26.213	0.46
86.05	1.99	1.85	26.228	0.56
86.1	1.99	1.22	26.243	0.37
86.15	2	1.61	26.259	0.49
86.2	2	1.9	26.274	0.58
86.25	2	1.33	26.289	0.41
86.3	2	1.97	26.304	0.6
86.35	2	1.6	26.32	0.49
86.4	2	0.89	26.335	0.27
86.45	2	1.17	26.35	0.36
86.5	2	1.34	26.365	0.41
86.55	2	0.99	26.381	0.3
86.6	2	0.8	26.396	0.24
86.65	2.5	1.3	26.411	0.4
86.7	2.75	1.16	26.426	0.35
86.75	2.87	1.32	26.442	0.4
86.8	2.94	1.87	26.457	0.57
86.85	2.47	1.52	26.472	0.46
86.9	2.23	1.52	26.487	0.46
86.95	2.12	1.37	26.503	0.42
87	2.06	1.48	26.518	0.45
87.05	2.03	1.13	26.533	0.35
87.1	2.01	1.5	26.548	0.46
87.15	2.01	1.5	26.564	0.46
87.2	2	1.59	26.579	0.48
87.25	2	2.9	26.594	0.88
87.3	2	2.5	26.609	0.76
87.35	2	2.34	26.625	0.71
87.4	2.5	3.37	26.64	1.03
87.45	2.25	1.93	26.655	0.59
87.5	2.13	2.18	26.67	0.66
87.55	2.06	1.3	26.685	0.4
87.6	2.03	1.61	26.701	0.49
87.65	2.02	2.67	26.716	0.81
87.7	1.51	2.14	26.731	0.65
87.75	1.75	1.02	26.746	0.31
87.8	1.88	1.39	26.762	0.42
87.85	1.94	0.75	26.777	0.23
87.9	1.97	2.74	26.792	0.84
87.95	1.98	1.53	26.807	0.47
88	1.99	0.76	26.823	0.23
88.05	2	0.51	26.838	0.16
88.1	2	1.16	26.853	0.35
88.15	2	0.81	26.868	0.25
88.2	2	1.91	26.884	0.58
88.25	2	0.97	26.899	0.3
88.3	2	1.65	26.914	0.5
88.35	2	0.83	26.929	0.25
88.4	1.5	1.26	26.945	0.38
88.45	1.75	1.29	26.96	0.39
88.5	1.87	2.48	26.975	0.76
88.55	1.44	1.8	26.99	0.55
88.6	1.72	1.75	27.006	0.53
88.65	1.86	2.04	27.021	0.62
88.7	1.93	1.99	27.036	0.61
88.75	1.96	0.87	27.051	0.26
88.8	1.98	3.77	27.066	1.15
88.85	1.99	1.97	27.082	0.6
88.9	2	2.16	27.097	0.66
88.95	2	1.53	27.112	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	2.5	1.43	27.127	0.44
89.05	2.75	2.26	27.143	0.69
89.1	3.37	1.9	27.158	0.58
89.15	4.69	1.29	27.173	0.39
89.2	5.84	1.09	27.188	0.33
89.25	6.42	0.9	27.204	0.27
89.3	6.21	0.63	27.219	0.19
89.35	6.11	0.98	27.234	0.3
89.4	5.55	0.95	27.249	0.29
89.45	4.78	1.77	27.265	0.54
89.5	4.39	1.37	27.28	0.42
89.55	4.19	1.68	27.295	0.51
89.6	3.6	1.39	27.31	0.43
89.65	2.8	2.33	27.326	0.71
89.7	2.4	1.18	27.341	0.36
89.75	1.7	1.22	27.356	0.37
89.8	1.35	1.57	27.371	0.48
89.85	1.67	3.1	27.387	0.94
89.9	1.84	1.4	27.402	0.43
89.95	1.42	2.25	27.417	0.69
90	1.71	1.18	27.432	0.36
90.05	1.85	2.55	27.448	0.78
90.1	1.93	0.97	27.463	0.3
90.15	1.96	2.1	27.478	0.64
90.2	1.98	0.98	27.493	0.3
90.25	1.99	2.01	27.508	0.61
90.3	2	2.27	27.524	0.69
90.35	1.5	2.04	27.539	0.62
90.4	1.25	1.54	27.554	0.47
90.45	1.12	0.62	27.569	0.19
90.5	1.56	0.88	27.585	0.27
90.55	1.78	0.76	27.6	0.23
90.6	1.89	1.2	27.615	0.36
90.65	1.45	1.12	27.63	0.34
90.7	1.22	1.88	27.646	0.57
90.75	1.11	1.81	27.661	0.55
90.8	1.06	1.41	27.676	0.43
90.85	1.53	0.99	27.691	0.3
90.9	1.76	1.27	27.707	0.39
90.95	1.88	2.37	27.722	0.72
91	1.44	1.54	27.737	0.47
91.05	1.72	2.07	27.752	0.63
91.1	1.86	1.69	27.768	0.51
91.15	1.93	1.7	27.783	0.52
91.2	1.97	2.46	27.798	0.75
91.25	1.98	1.37	27.813	0.42
91.3	1.99	2.42	27.829	0.74
91.35	2	1.12	27.844	0.34
91.4	2	1.82	27.859	0.55
91.45	2	2.05	27.874	0.63
91.5	2	1.85	27.889	0.56
91.55	2.5	1.86	27.905	0.57
91.6	2.25	2.32	27.92	0.71
91.65	2.12	1.7	27.935	0.52
91.7	2.06	1.52	27.95	0.46
91.75	1.53	1.71	27.966	0.52
91.8	1.77	1.86	27.981	0.57
91.85	1.38	1.64	27.996	0.5
91.9	1.19	1.12	28.011	0.34
91.95	1.6	1.06	28.027	0.32
92	1.3	1.38	28.042	0.42
92.05	1.15	1.75	28.057	0.53

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	1.07	1.3	28.072	0.4
92.15	1.04	1.22	28.088	0.37
92.2	1.52	1.38	28.103	0.42
92.25	1.76	1.7	28.118	0.52
92.3	1.38	1.14	28.133	0.35
92.35	1.69	2.15	28.149	0.66
92.4	1.84	2.39	28.164	0.73
92.45	1.92	1.52	28.179	0.46
92.5	1.96	1.5	28.194	0.46
92.55	1.98	2.28	28.21	0.69
92.6	1.99	1.7	28.225	0.52
92.65	2	1.79	28.24	0.55
92.7	2	2.39	28.255	0.73
92.75	2	2.89	28.271	0.88
92.8	2	1.81	28.286	0.55
92.85	2	2.12	28.301	0.65
92.9	2	3.63	28.316	1.11
92.95	2	3.62	28.331	1.1
93	2	1.75	28.347	0.53
93.05	2	2.47	28.362	0.75
93.1	2	2.21	28.377	0.67
93.15	2	3.21	28.392	0.98
93.2	2	1.95	28.408	0.6
93.25	2	2.06	28.423	0.63
93.3	2	1.21	28.438	0.37
93.35	2	1.55	28.453	0.47
93.4	2	2.29	28.469	0.7
93.45	2.5	2.09	28.484	0.64
93.5	2.25	2.39	28.499	0.73
93.55	2.12	3.47	28.514	1.06
93.6	2.06	3.41	28.53	1.04
93.65	2.03	3.01	28.545	0.92
93.7	2.02	2.97	28.56	0.91
93.75	2.01	3.34	28.575	1.02
93.8	2	3.51	28.591	1.07
93.85	2	3.1	28.606	0.94
93.9	2	2.96	28.621	0.9
93.95	2	2.95	28.636	0.9
94	2	5.05	28.652	1.54
94.05	1.5	4.95	28.667	1.51
94.1	1.25	4.25	28.682	1.3
94.15	1.63	3.16	28.697	0.96
94.2	1.31	3.2	28.713	0.97
94.25	1.16	4.2	28.728	1.28
94.3	1.08	2.69	28.743	0.82
94.35	1.04	2.94	28.758	0.9
94.4	1.02	2.16	28.773	0.66
94.45	1.51	4.65	28.789	1.42
94.5	1.25	2.52	28.804	0.77
94.55	1.13	2.51	28.819	0.77
94.6	1.06	2.28	28.834	0.69
94.65	1.03	3.21	28.85	0.98
94.7	1.02	2.56	28.865	0.78
94.75	1.01	3.39	28.88	1.03
94.8	1	2.65	28.895	0.81
94.85	1.5	3.42	28.911	1.04
94.9	1.25	2.43	28.926	0.74
94.95	1.13	3.73	28.941	1.14
95	1.06	3.33	28.956	1.01
95.05	1.03	5.99	28.972	1.83
95.1	1.02	3.01	28.987	0.92
95.15	1.01	3.43	29.002	1.05

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95.2	1	4.23	29.017	1.29
95.25	1.5	3.21	29.033	0.98
95.3	1.25	3.33	29.048	1.02
95.35	1.13	4.3	29.063	1.31
95.4	1.06	2.8	29.078	0.85
95.45	1.03	2.89	29.094	0.88
95.5	1.02	2.8	29.109	0.85
95.55	1.01	3.65	29.124	1.11
95.6	1.5	3.13	29.139	0.95
95.65	1.25	2.74	29.154	0.83
95.7	1.13	2.61	29.17	0.8
95.75	1.06	2.36	29.185	0.72
95.8	1.53	3.53	29.2	1.08
95.85	1.77	3.73	29.215	1.14
95.9	1.88	2.79	29.231	0.85
95.95	1.94	2.61	29.246	0.8
96	1.97	3.46	29.261	1.06
96.05	1.99	3.38	29.276	1.03
96.1	1.49	2.89	29.292	0.88
96.15	1.75	3.62	29.307	1.1
96.2	1.87	2.41	29.322	0.74
96.25	1.94	3.19	29.337	0.97
96.3	1.97	3.41	29.353	1.04
96.35	1.98	3.26	29.368	0.99
96.4	1.99	3.91	29.383	1.19
96.45	2	3.63	29.398	1.11
96.5	2	4.07	29.414	1.24
96.55	2	3.88	29.429	1.18
96.6	2	4.27	29.444	1.3
96.65	2	3.29	29.459	1
96.7	2.5	3.09	29.475	0.94
96.75	2.75	3.11	29.49	0.95
96.8	2.37	3.55	29.505	1.08
96.85	2.19	3.3	29.52	1.01
96.9	2.09	4.3	29.536	1.31
96.95	2.05	3.19	29.551	0.97
97	2.02	2.81	29.566	0.86
97.05	2.51	3.48	29.581	1.06
97.1	2.26	4.75	29.596	1.45
97.15	2.13	2.5	29.612	0.76
97.2	2.06	3.31	29.627	1.01
97.25	2.03	0.93	29.642	0.28
97.3	2.02	2.22	29.657	0.68
97.35	2.51	4.81	29.673	1.47
97.4	2.75	3.28	29.688	1
97.45	2.88	2.94	29.703	0.89
97.5	2.94	3.39	29.718	1.03
97.55	2.47	4.51	29.734	1.37
97.6	1.73	3.65	29.749	1.11
97.65	1.37	4.24	29.764	1.29
97.7	1.18	3.14	29.779	0.96
97.75	1.09	2.74	29.795	0.84
97.8	1.05	3.8	29.81	1.16
97.85	1.02	3.48	29.825	1.06
97.9	1.01	2.75	29.84	0.84
97.95	1.01	3.41	29.856	1.04
98	1	3.73	29.871	1.14
98.05	1.5	3.21	29.886	0.98
98.1	1.75	5.2	29.901	1.58
98.15	1.88	3.08	29.917	0.94
98.2	1.94	3.17	29.932	0.97
98.25	1.47	3.18	29.947	0.97

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98.3	1.23	2.35	29.962	0.72
98.35	1.12	1.71	29.978	0.52
98.4	1.06	4.02	29.993	1.23
98.45	1.53	2.85	30.008	0.87
98.5	1.76	3.22	30.023	0.98
98.55	1.38	3.25	30.038	0.99
98.6	1.19	5.72	30.054	1.74
98.65	1.6	3.7	30.069	1.13
98.7	1.8	4.8	30.084	1.46
98.75	1.9	3.48	30.099	1.06
98.8	1.45	3.36	30.115	1.02
98.85	1.72	4.84	30.13	1.48
98.9	1.86	6.34	30.145	1.93
98.95	1.93	3.77	30.16	1.15
99	1.97	2.59	30.176	0.79
99.05	1.48	4.22	30.191	1.29
99.1	1.24	3.95	30.206	1.2
99.15	1.12	4.84	30.221	1.47
99.2	1.06	3.26	30.237	0.99
99.25	1.03	4.78	30.252	1.46
99.3	1.02	3.58	30.267	1.09
99.35	1.01	3.17	30.282	0.97
99.4	1	4.83	30.298	1.47
99.45	1	3.24	30.313	0.99
99.5	1.5	2.99	30.328	0.91
99.55	1.75	3.98	30.343	1.21
99.6	1.88	3.05	30.359	0.93
99.65	1.94	2.66	30.374	0.81
99.7	1.97	3.43	30.389	1.05
99.75	1.98	3.05	30.404	0.93
99.8	1.99	2.94	30.419	0.9
99.85	2	3.79	30.435	1.16
99.9	2	4.41	30.45	1.34
99.95	2	3.63	30.465	1.11
100	2	3.03	30.48	0.92
100.05	2	4.26	30.496	1.3
100.1	2	3.09	30.511	0.94
100.15	2	2.93	30.526	0.89
100.2	2	3.14	30.541	0.96
100.25	2	3.17	30.557	0.97
100.3	2	2.63	30.572	0.8
100.35	2	2.49	30.587	0.76
100.4	2	2.66	30.602	0.81
100.45	2	3	30.618	0.91
100.5	2	3.74	30.633	1.14
100.55	2	3.21	30.648	0.98
100.6	2	3.05	30.663	0.93
100.65	2	3.19	30.679	0.97
100.7	2	2.57	30.694	0.78
100.75	1.5	3.03	30.709	0.92
100.8	1.25	2.63	30.724	0.8
100.85	1.12	2.57	30.74	0.78
100.9	1.06	2.74	30.755	0.83
100.95	1.03	2.72	30.77	0.83
101	1.02	3.14	30.785	0.96
101.05	1.01	2.72	30.801	0.83
101.1	1	4.11	30.816	1.25
101.15	1.5	3.22	30.831	0.98
101.2	1.75	3.15	30.846	0.96
101.25	1.38	3.24	30.861	0.99
101.3	1.19	3.84	30.877	1.17
101.35	1.59	4.24	30.892	1.29

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101.4	3.8	3.21	30.907	0.98
101.45	5.4	4.45	30.922	1.36
101.5	7.7	2.99	30.938	0.91
101.55	8.85	3.14	30.953	0.96
101.6	9.42	3.36	30.968	1.02
101.65	9.71	4.03	30.983	1.23
101.7	9.86	3.26	30.999	0.99
101.75	9.93	3.19	31.014	0.97
101.8	11.46	3.43	31.029	1.04
101.85	11.23	3.43	31.044	1.04
101.9	11.62	5.12	31.06	1.56
101.95	9.81	3.59	31.075	1.09
102	8.4	2.73	31.09	0.83
102.05	8.2	4.13	31.105	1.26
102.1	8.1	4.6	31.121	1.4
102.15	7.55	4.69	31.136	1.43
102.2	7.78	2.81	31.151	0.86
102.25	7.89	1.91	31.166	0.58
102.3	7.44	5.23	31.182	1.59
102.35	8.72	5.27	31.197	1.61
102.4	8.36	4.57	31.212	1.39
102.45	8.18	6.2	31.227	1.89
102.5	9.09	1.6	31.243	0.49
102.55	8.05	4.32	31.258	1.32
102.6	8.02	3.43	31.273	1.04
102.65	8.01	4.01	31.288	1.22
102.7	8.01	4.18	31.303	1.27
102.75	7.5	6.22	31.319	1.9
102.8	7.25	4.71	31.334	1.44
102.85	7.63	4.03	31.349	1.23
102.9	7.81	3.88	31.364	1.18
102.95	7.41	7.95	31.38	2.42
103	7.7	6.78	31.395	2.07
103.05	7.35	4.73	31.41	1.44
103.1	7.18	4.08	31.425	1.24
103.15	7.59	2.7	31.441	0.82
103.2	7.79	5.83	31.456	1.78
103.25	7.9	2.81	31.471	0.86
103.3	7.95	3.04	31.486	0.93
103.35	6.97	3.48	31.502	1.06
103.4	6.49	2.91	31.517	0.89
103.45	6.24	5.36	31.532	1.63
103.5	6.12	2.65	31.547	0.81
103.55	5.56	1.77	31.563	0.54
103.6	4.78	2.97	31.578	0.91
103.65	4.39	2.07	31.593	0.63
103.7	3.7	2.36	31.608	0.72
103.75	3.35	1.4	31.624	0.43
103.8	3.17	2.49	31.639	0.76
103.85	3.09	2.71	31.654	0.83
103.9	3.04	3.02	31.669	0.92
103.95	3.02	2.45	31.684	0.75
104	3.01	4.41	31.7	1.35
104.05	3.51	2.96	31.715	0.9
104.1	3.25	2.95	31.73	0.9
104.15	3.13	2.52	31.745	0.77
104.2	3.56	5.54	31.761	1.69
104.25	3.28	3.91	31.776	1.19
104.3	3.14	2.72	31.791	0.83
104.35	3.57	4.27	31.806	1.3
104.4	3.29	4.78	31.822	1.46
104.45	3.64	3.31	31.837	1.01

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104.5	3.32	3.24	31.852	0.99
104.55	3.66	4.88	31.867	1.49
104.6	4.33	5.3	31.883	1.62
104.65	4.17	4.22	31.898	1.29
104.7	6.08	3.9	31.913	1.19
104.75	6.54	2.57	31.928	0.78
104.8	7.27	2.16	31.944	0.66
104.85	8.64	3.29	31.959	1
104.9	9.32	4.17	31.974	1.27
104.95	9.66	4.45	31.989	1.36
105	9.83	3.57	32.005	1.09
105.05	9.41	2.92	32.02	0.89
105.1	9.71	3.29	32.035	1
105.15	7.85	3.66	32.05	1.11
105.2	6.93	3.42	32.066	1.04
105.25	6.46	5.51	32.081	1.68
105.3	6.23	4.16	32.096	1.27
105.35	5.12	3.85	32.111	1.17
105.4	5.56	4.51	32.126	1.37
105.45	5.28	4.19	32.142	1.28
105.5	5.14	6.46	32.157	1.97
105.55	4.57	4.77	32.172	1.45
105.6	4.28	5.69	32.187	1.73
105.65	4.14	4.89	32.203	1.49
105.7	4.07	4.47	32.218	1.36
105.75	5.04	6.76	32.233	2.06
105.8	4.52	4.82	32.248	1.47
105.85	4.26	7.61	32.264	2.32
105.9	4.63	5.52	32.279	1.68
105.95	4.31	5.34	32.294	1.63
106	4.16	5.38	32.309	1.64
106.05	5.08	4.24	32.325	1.29
106.1	5.04	5.38	32.34	1.64
106.15	5.52	5.25	32.355	1.6
106.2	5.26	6.48	32.37	1.97
106.25	5.13	5.04	32.386	1.53
106.3	5.56	6.73	32.401	2.05
106.35	6.28	5.58	32.416	1.7
106.4	5.64	5.32	32.431	1.62
106.45	7.82	5.62	32.447	1.71
106.5	5.91	6.13	32.462	1.87
106.55	5.96	5.71	32.477	1.74
106.6	5.98	6.21	32.492	1.89
106.65	5.99	5.45	32.508	1.66
106.7	8.99	4.97	32.523	1.51
106.75	7	5.42	32.538	1.65
106.8	6	5.84	32.553	1.78
106.85	6.5	4.9	32.568	1.49
106.9	12.25	5.92	32.584	1.8
106.95	18.12	4.94	32.599	1.5
107	16.56	3.93	32.614	1.2
107.05	16.28	4.53	32.629	1.38
107.1	17.14	3.68	32.645	1.12
107.15	17.57	3.21	32.66	0.98
107.2	15.79	6.75	32.675	2.06
107.25	14.89	4.55	32.69	1.39
107.3	17.45	8.44	32.706	2.57
107.35	19.22	6.05	32.721	1.84
107.4	21.11	5.57	32.736	1.7
107.45	20.56	4.68	32.751	1.43
107.5	15.28	5.84	32.767	1.78
107.55	13.14	4.76	32.782	1.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	13.57	2.65	32.797	0.81
107.65	13.78	3.28	32.812	1
107.7	13.39	3.9	32.828	1.19
107.75	12.7	4.06	32.843	1.24
107.8	11.35	4.11	32.858	1.25
107.85	9.17	6.81	32.873	2.07
107.9	9.09	5.58	32.889	1.7
107.95	9.04	4.88	32.904	1.49
108	7.52	4.02	32.919	1.23
108.05	7.26	6.56	32.934	2
108.1	6.63	4.78	32.949	1.46
108.15	5.82	3.93	32.965	1.2
108.2	5.91	4.4	32.98	1.34
108.25	5.95	3.92	32.995	1.2
108.3	6.98	5.45	33.01	1.66
108.35	6.99	3.69	33.026	1.13
108.4	6.99	2.96	33.041	0.9
108.45	7	5.54	33.056	1.69
108.5	6.5	3.29	33.071	1
108.55	6.25	1.84	33.087	0.56
108.6	6.12	6.9	33.102	2.1
108.65	7.06	2.96	33.117	0.9
108.7	7.03	3.77	33.132	1.15
108.75	6.52	4.58	33.148	1.4
108.8	6.26	3.5	33.163	1.07
108.85	8.13	2.01	33.178	0.61
108.9	8.56	3.87	33.193	1.18
108.95	7.78	3.04	33.209	0.93
109	7.39	3.73	33.224	1.14
109.05	7.7	4.57	33.239	1.39
109.1	8.35	2.87	33.254	0.87
109.15	9.17	3.74	33.27	1.14
109.2	9.09	3.77	33.285	1.15
109.25	8.54	4.18	33.3	1.27
109.3	8.27	2.75	33.315	0.84
109.35	9.64	3.33	33.331	1.02
109.4	9.32	3.7	33.346	1.13
109.45	8.66	3.31	33.361	1.01
109.5	8.33	3.27	33.376	1
109.55	10.66	2.58	33.391	0.79
109.6	9.33	3.34	33.407	1.02
109.65	10.17	2.86	33.422	0.87
109.7	10.58	2.86	33.437	0.87
109.75	8.29	1.98	33.452	0.6
109.8	10.15	3.59	33.468	1.1
109.85	13.57	1.79	33.483	0.55
109.9	11.79	1.91	33.498	0.58
109.95	15.39	1.45	33.513	0.44
110	13.2	1.87	33.529	0.57
110.05	11.1	1.58	33.544	0.48
110.1	9.55	0.96	33.559	0.29
110.15	6.77	1.52	33.574	0.46
110.2	7.39	1.39	33.59	0.42
110.25	6.69	2.57	33.605	0.78
110.3	6.35	1.23	33.62	0.37
110.35	11.17	1.42	33.635	0.43
110.4	11.09	1.12	33.651	0.34
110.45	11.54	1.77	33.666	0.54
110.5	11.77	1.92	33.681	0.58
110.55	15.39	1.66	33.696	0.51
110.6	17.19	1.39	33.712	0.42
110.65	13.1	1.62	33.727	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	12.05	2.12	33.742	0.65
110.75	9.02	1.33	33.757	0.4
110.8	11.51	2.07	33.772	0.63
110.85	10.76	2.24	33.788	0.68
110.9	11.38	1.38	33.803	0.42
110.95	10.19	1.75	33.818	0.53
111	10.59	2.11	33.833	0.64
111.05	10.8	1.85	33.849	0.56
111.1	12.9	2.21	33.864	0.67
111.15	13.45	1.43	33.879	0.43
111.2	14.22	0.94	33.894	0.29
111.25	15.61	1.12	33.91	0.34
111.3	14.81	1.04	33.925	0.32
111.35	13.4	0.67	33.94	0.2
111.4	13.2	1.18	33.955	0.36
111.45	13.1	0.77	33.971	0.24
111.5	13.55	1.24	33.986	0.38
111.55	13.28	0.93	34.001	0.28
111.6	12.14	0.93	34.016	0.28
111.65	11.07	1.38	34.032	0.42
111.7	6.53	0.84	34.047	0.26
111.75	6.77	1.22	34.062	0.37
111.8	8.38	1.21	34.077	0.37
111.85	7.69	0.77	34.093	0.23
111.9	7.35	0.99	34.108	0.3
111.95	6.67	0.89	34.123	0.27
112	6.84	0.74	34.138	0.23
112.05	8.92	0.67	34.154	0.2
112.1	6.96	1.04	34.169	0.32
112.15	7.98	1.32	34.184	0.4
112.2	9.49	0.65	34.199	0.2
112.25	12.74	3.31	34.214	1.01
112.3	9.37	2.04	34.23	0.62
112.35	7.69	1.06	34.245	0.32
112.4	7.34	0.97	34.26	0.3
112.45	7.17	1.7	34.275	0.52
112.5	6.59	2.6	34.291	0.79
112.55	7.79	3.24	34.306	0.99
112.6	8.4	1.36	34.321	0.41
112.65	7.2	1.46	34.336	0.45
112.7	7.1	0.46	34.352	0.14
112.75	8.05	3.13	34.367	0.96
112.8	8.52	1.58	34.382	0.48
112.85	7.26	3.4	34.397	1.04
112.9	6.63	1.95	34.413	0.59
112.95	6.82	2.93	34.428	0.89
113	6.41	2.13	34.443	0.65
113.05	6.2	3.63	34.458	1.11
113.1	6.1	2.69	34.474	0.82
113.15	6.55	2.84	34.489	0.87
113.2	6.78	2.67	34.504	0.81
113.25	6.39	1.55	34.519	0.47
113.3	6.19	2.18	34.535	0.66
113.35	6.6	3.58	34.55	1.09
113.4	6.8	3.04	34.565	0.93
113.45	6.9	4.31	34.58	1.31
113.5	6.95	3.11	34.596	0.95
113.55	7.47	3.69	34.611	1.13
113.6	8.24	2.81	34.626	0.86
113.65	7.62	1.62	34.641	0.5
113.7	7.81	2.61	34.656	0.8
113.75	7.4	1.58	34.672	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	7.7	1.82	34.687	0.55
113.85	8.35	1.18	34.702	0.36
113.9	9.18	1.23	34.717	0.37
113.95	9.09	0.47	34.733	0.14
114	9.04	1.16	34.748	0.35
114.05	8.52	1.7	34.763	0.52
114.1	8.76	1.7	34.778	0.52
114.15	7.88	2.02	34.794	0.62
114.2	8.44	4.68	34.809	1.43
114.25	8.22	1.41	34.824	0.43
114.3	5.61	1.73	34.839	0.53
114.35	6.81	1.32	34.855	0.4
114.4	8.9	2.14	34.87	0.65
114.45	9.95	1.41	34.885	0.43
114.5	9.48	2.46	34.9	0.75
114.55	9.24	1.38	34.916	0.42
114.6	6.12	3.01	34.931	0.92
114.65	5.06	1.79	34.946	0.54
114.7	4.03	1.85	34.961	0.56
114.75	6.01	1.48	34.977	0.45
114.8	5.01	1.89	34.992	0.58
114.85	5	1.67	35.007	0.51
114.9	6.5	1.22	35.022	0.37
114.95	9.25	1.53	35.037	0.47
115	10.63	1.67	35.053	0.51
115.05	11.81	1.61	35.068	0.49
115.1	12.91	1.38	35.083	0.42
115.15	13.95	1.21	35.098	0.37
115.2	12.48	0.82	35.114	0.25
115.25	11.74	1.81	35.129	0.55
115.3	12.37	1.65	35.144	0.5
115.35	13.18	2.75	35.159	0.84
115.4	13.59	1.54	35.175	0.47
115.45	13.3	1.95	35.19	0.6
115.5	12.65	2.75	35.205	0.84
115.55	13.32	2	35.22	0.61
115.6	14.16	2.23	35.236	0.68
115.65	13.58	1.68	35.251	0.51
115.7	13.79	1.68	35.266	0.51
115.75	13.9	2.25	35.281	0.69
115.8	13.45	2.47	35.297	0.75
115.85	13.72	3.13	35.312	0.95
115.9	14.36	1.63	35.327	0.5
115.95	14.18	1.5	35.342	0.46
116	14.59	1.56	35.358	0.48
116.05	13.8	2.53	35.373	0.77
116.1	12.4	1.41	35.388	0.43
116.15	11.2	1.49	35.403	0.45
116.2	11.6	1.64	35.419	0.5
116.25	11.8	1.48	35.434	0.45
116.3	11.9	2.81	35.449	0.86
116.35	12.45	1.72	35.464	0.53
116.4	11.72	2.19	35.479	0.67
116.45	11.86	1.05	35.495	0.32
116.5	11.93	1.45	35.51	0.44
116.55	11.97	1.19	35.525	0.36
116.6	11.48	0.8	35.54	0.24
116.65	11.74	2	35.556	0.61
116.7	11.87	1.29	35.571	0.39
116.75	11.94	1.21	35.586	0.37
116.8	11.97	0.88	35.601	0.27
116.85	9.48	1.39	35.617	0.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	8.74	1.55	35.632	0.47
116.95	7.37	1.6	35.647	0.49
117	8.69	1.31	35.662	0.4
117.05	9.34	1.84	35.678	0.56
117.1	10.17	2.12	35.693	0.64
117.15	10.59	1.69	35.708	0.52
117.2	10.29	2.67	35.723	0.81
117.25	74.65	3.03	35.739	0.92
117.3	43.32	3.7	35.754	1.13
117.35	27.66	4.11	35.769	1.25
117.4	18.83	3.01	35.784	0.92
117.45	14.92	6.57	35.8	2
117.5	12.96	4.18	35.815	1.27
117.55	11.48	4.21	35.83	1.28
117.6	10.74	4.9	35.845	1.49
117.65	9.87	6.15	35.861	1.87
117.7	8.93	4.83	35.876	1.47
117.75	7.97	6.23	35.891	1.9
117.8	7.98	4.8	35.906	1.46
117.85	8.99	5.63	35.921	1.72
117.9	8	9.64	35.937	2.94
117.95	7.5	4.7	35.952	1.43
118	7.75	4.16	35.967	1.27
118.05	7.87	4.46	35.982	1.36
118.1	7.94	3.99	35.998	1.22
118.15	7.97	4.84	36.013	1.48
118.2	7.98	5.25	36.028	1.6
118.25	8.99	4.19	36.043	1.28
118.3	8	4.42	36.059	1.35
118.35	7.5	5.33	36.074	1.63
118.4	7.25	5.4	36.089	1.64
118.45	7.12	5.18	36.104	1.58
118.5	7.06	6.23	36.12	1.9
118.55	7.03	4.88	36.135	1.49
118.6	7.52	4.74	36.15	1.45
118.65	7.26	5	36.165	1.52
118.7	7.13	5.14	36.181	1.57
118.75	7.06	4.03	36.196	1.23
118.8	7.03	4.42	36.211	1.35
118.85	7.02	5.27	36.226	1.61
118.9	7.01	6.07	36.242	1.85
118.95	6.5	4.43	36.257	1.35
119	6.75	3.96	36.272	1.21
119.05	6.88	3.86	36.287	1.18
119.1	6.94	3.77	36.302	1.15
119.15	7.47	3.22	36.318	0.98
119.2	7.73	4.27	36.333	1.3
119.25	7.87	4	36.348	1.22
119.3	7.93	3.49	36.363	1.06
119.35	7.47	1.92	36.379	0.58
119.4	7.73	2.63	36.394	0.8
119.45	7.37	2.94	36.409	0.9
119.5	7.68	3.47	36.424	1.06
119.55	7.34	5.28	36.44	1.61
119.6	7.67	3.19	36.455	0.97
119.65	6.84	3.18	36.47	0.97
119.7	6.42	3.26	36.485	0.99
119.75	6.21	3.47	36.501	1.06
119.8	6.6	3.91	36.516	1.19
119.85	6.8	2.96	36.531	0.9
119.9	6.9	2.33	36.546	0.71
119.95	7.45	2.68	36.562	0.82

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120	7.23	4.67	36.577	1.42
120.05	7.11	2.19	36.592	0.67
120.1	6.56	2.15	36.607	0.66
120.15	6.78	2.13	36.623	0.65
120.2	7.89	1.99	36.638	0.61
120.25	8.44	2.39	36.653	0.73
120.3	8.22	2.22	36.668	0.68
120.35	7.11	2.84	36.684	0.87
120.4	7.56	2.34	36.699	0.71
120.45	6.78	1.98	36.714	0.6
120.5	7.39	1.8	36.729	0.55
120.55	7.19	2.93	36.744	0.89
120.6	7.1	1.66	36.76	0.51
120.65	6.05	2.29	36.775	0.7
120.7	7.02	2.12	36.79	0.65
120.75	7.51	2.51	36.805	0.76
120.8	7.76	2.45	36.821	0.75
120.85	7.88	3.14	36.836	0.96
120.9	6.44	3.19	36.851	0.97
120.95	6.72	2.53	36.866	0.77
121	6.36	2.6	36.882	0.79
121.05	6.68	3.5	36.897	1.07
121.1	7.34	2.74	36.912	0.83
121.15	7.67	3.71	36.927	1.13
121.2	7.33	4.26	36.943	1.3
121.25	7.17	4.28	36.958	1.3
121.3	7.58	3.39	36.973	1.03
121.35	7.79	3	36.988	0.92
121.4	7.4	4.32	37.004	1.32
121.45	7.2	3.49	37.019	1.06
121.5	7.1	3.58	37.034	1.09
121.55	7.05	3.08	37.049	0.94
121.6	7.02	3.15	37.065	0.96
121.65	7.01	2.71	37.08	0.82
121.7	8.51	2.62	37.095	0.8
121.75	7.75	3.82	37.11	1.16
121.8	7.38	2.84	37.126	0.87
121.85	7.19	2.1	37.141	0.64
121.9	6.59	2.38	37.156	0.72
121.95	6.3	3.08	37.171	0.94
122	7.15	2.46	37.186	0.75
122.05	7.07	2.64	37.202	0.8
122.1	6.54	3.16	37.217	0.96
122.15	6.77	2.21	37.232	0.67
122.2	5.38	4.58	37.247	1.4
122.25	9.19	3.72	37.263	1.13
122.3	8.6	4.85	37.278	1.48
122.35	8.3	3.26	37.293	0.99
122.4	8.65	3.99	37.308	1.22
122.45	8.32	2.78	37.324	0.85
122.5	8.16	5.17	37.339	1.57
122.55	8.58	2.69	37.354	0.82
122.6	8.79	4.4	37.369	1.34
122.65	7.4	1.29	37.385	0.39
122.7	7.2	3.59	37.4	1.09
122.75	7.1	2.69	37.415	0.82
122.8	6.55	3.25	37.43	0.99
122.85	6.27	3.61	37.446	1.1
122.9	6.14	4.55	37.461	1.39
122.95	6.07	2.96	37.476	0.9
123	6.53	6.49	37.491	1.98
123.05	6.77	3.46	37.507	1.05

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	7.38	3.68	37.522	1.12
123.15	7.19	2.46	37.537	0.75
123.2	7.1	2.1	37.552	0.64
123.25	7.05	3.58	37.567	1.09
123.3	6.52	2.59	37.583	0.79
123.35	6.26	4.46	37.598	1.36
123.4	6.63	4.46	37.613	1.36
123.45	6.82	2.91	37.628	0.89
123.5	6.41	3.74	37.644	1.14
123.55	6.7	3.68	37.659	1.12
123.6	6.35	6.19	37.674	1.89
123.65	6.68	3.86	37.689	1.18
123.7	6.84	2.13	37.705	0.65
123.75	6.42	3.44	37.72	1.05
123.8	6.71	3.54	37.735	1.08
123.85	6.85	3.63	37.75	1.11
123.9	6.43	3.07	37.766	0.94
123.95	6.71	3.05	37.781	0.93
124	6.36	3.59	37.796	1.09
124.05	6.68	2.42	37.811	0.74
124.1	8.34	3.05	37.827	0.93
124.15	8.17	4.71	37.842	1.43
124.2	8.58	4	37.857	1.22
124.25	7.79	3.25	37.872	0.99
124.3	7.9	3.47	37.888	1.06
124.35	6.95	6.71	37.903	2.04
124.4	6.97	3.05	37.918	0.93
124.45	6.99	4.64	37.933	1.41
124.5	7.49	2.98	37.949	0.91
124.55	6.75	3.16	37.964	0.96
124.6	6.37	4.87	37.979	1.48
124.65	6.69	4.9	37.994	1.49
124.7	6.84	4.6	38.009	1.4
124.75	6.42	3.04	38.025	0.93
124.8	6.71	2.14	38.04	0.65
124.85	7.36	2.23	38.055	0.68
124.9	7.18	1.79	38.07	0.55
124.95	7.59	3.6	38.086	1.1
125	6.79	3.5	38.101	1.07
125.05	6.9	1.59	38.116	0.49
125.1	7.45	1.87	38.131	0.57
125.15	7.22	1.65	38.147	0.5
125.2	7.61	2.16	38.162	0.66
125.25	8.31	2.39	38.177	0.73
125.3	8.65	3.72	38.192	1.13
125.35	8.83	1.95	38.208	0.6
125.4	8.41	2.08	38.223	0.64
125.45	8.71	2.13	38.238	0.65
125.5	7.85	1.9	38.253	0.58
125.55	8.43	2.61	38.269	0.8
125.6	8.21	2.25	38.284	0.69
125.65	8.61	1.58	38.299	0.48
125.7	8.3	2.01	38.314	0.61
125.75	8.65	1.93	38.33	0.59
125.8	8.33	2.01	38.345	0.61
125.85	8.16	2.01	38.36	0.61
125.9	8.08	1.91	38.375	0.58
125.95	9.04	2.09	38.39	0.64
126	9.52	1.95	38.406	0.6
126.05	9.26	2.91	38.421	0.89
126.1	9.63	1.71	38.436	0.52
126.15	9.32	2.64	38.451	0.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	9.66	1.75	38.467	0.53
126.25	9.33	2.13	38.482	0.65
126.3	9.16	1.91	38.497	0.58
126.35	9.08	2.37	38.512	0.72
126.4	9.04	1.68	38.528	0.51
126.45	9.02	2.47	38.543	0.75
126.5	9.01	2.89	38.558	0.88
126.55	9.01	1.76	38.573	0.53
126.6	9	2.52	38.589	0.77
126.65	9	2.53	38.604	0.77
126.7	9	2.66	38.619	0.81
126.75	9.5	3.27	38.634	1
126.8	8.25	2.41	38.65	0.74
126.85	8.13	3.08	38.665	0.94
126.9	9.06	2.33	38.68	0.71
126.95	8.53	3.09	38.695	0.94
127	8.27	2.45	38.711	0.75
127.05	8.13	3.26	38.726	0.99
127.1	7.57	2.6	38.741	0.79
127.15	7.28	1.47	38.756	0.45
127.2	6.64	3.42	38.772	1.04
127.25	6.82	4.49	38.787	1.37
127.3	6.91	4.04	38.802	1.23
127.35	7.46	3.25	38.817	0.99
127.4	7.73	5.29	38.832	1.61
127.45	6.86	2.91	38.848	0.89
127.5	6.43	3.62	38.863	1.1
127.55	6.22	7.58	38.878	2.31
127.6	6.61	4.82	38.893	1.47
127.65	7.3	3.26	38.909	0.99
127.7	7.15	2.93	38.924	0.89
127.75	6.58	4.48	38.939	1.37
127.8	6.29	3.09	38.954	0.94
127.85	6.64	2.79	38.97	0.85
127.9	6.82	2.69	38.985	0.82
127.95	6.91	4.53	39	1.38
128	6.96	2.51	39.015	0.77
128.05	6.98	2.64	39.031	0.8
128.1	7.49	3.09	39.046	0.94
128.15	7.24	2.41	39.061	0.74
128.2	8.12	2.81	39.076	0.86
128.25	8.06	2.82	39.092	0.86
128.3	8.03	5.12	39.107	1.56
128.35	8.52	3.51	39.122	1.07
128.4	8.76	4.06	39.137	1.24
128.45	8.88	3.48	39.153	1.06
128.5	8.94	4.66	39.168	1.42
128.55	8.97	4.62	39.183	1.41
128.6	8.98	4.2	39.198	1.28
128.65	9.49	4.88	39.214	1.49
128.7	9.25	5.35	39.229	1.63
128.75	8.62	4.39	39.244	1.34
128.8	8.31	3.68	39.259	1.12
128.85	8.66	4.27	39.274	1.3
128.9	8.83	5.58	39.29	1.7
128.95	8.91	4.21	39.305	1.28
129	8.46	2.63	39.32	0.8
129.05	8.23	5.75	39.335	1.75
129.1	8.11	1.97	39.351	0.6
129.15	8.06	2.21	39.366	0.67
129.2	8.03	2.3	39.381	0.7
129.25	8.51	2.69	39.396	0.82

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129.3	7.76	2.14	39.412	0.65
129.35	7.88	2.61	39.427	0.8
129.4	8.44	2.18	39.442	0.66
129.45	7.72	2.67	39.457	0.81
129.5	7.36	2.55	39.473	0.78
129.55	7.68	3.63	39.488	1.11
129.6	7.84	2.19	39.503	0.67
129.65	8.42	2.65	39.518	0.81
129.7	9.21	3.39	39.534	1.03
129.75	9.1	5.36	39.549	1.63
129.8	9.05	3.18	39.564	0.97
129.85	9.53	3.4	39.579	1.04
129.9	9.76	2.82	39.595	0.86
129.95	10.88	3.34	39.61	1.02
130	12.44	4.15	39.625	1.27
130.05	12.72	2.62	39.64	0.8
130.1	10.86	2.77	39.655	0.85
130.15	10.43	2.18	39.671	0.66
130.2	10.22	3.46	39.686	1.05
130.25	10.61	2.48	39.701	0.76
130.3	10.8	3.21	39.716	0.98
130.35	11.4	2.61	39.732	0.79
130.4	11.7	2.4	39.747	0.73
130.45	12.85	1.71	39.762	0.52
130.5	12.43	1.88	39.777	0.57
130.55	12.71	1.83	39.793	0.56
130.6	13.36	2.49	39.808	0.76
130.65	15.18	2.18	39.823	0.66
130.7	14.09	1.79	39.838	0.55
130.75	14.04	1.82	39.854	0.55
130.8	13.52	3.6	39.869	1.1
130.85	15.76	2.21	39.884	0.67
130.9	14.88	1.98	39.899	0.6
130.95	13.94	1.78	39.915	0.54
131	15.47	2.42	39.93	0.74
131.05	14.24	2.82	39.945	0.86
131.1	13.62	1.88	39.96	0.57
131.15	13.81	2.55	39.976	0.78
131.2	13.4	2.15	39.991	0.65
131.25	13.7	1.96	40.006	0.6
131.3	13.85	2.91	40.021	0.89
131.35	13.93	2.37	40.037	0.72
131.4	14.96	2.76	40.052	0.84
131.45	16.48	1.76	40.067	0.54
131.5	16.24	2.33	40.082	0.71
131.55	16.62	1.97	40.097	0.6
131.6	16.81	3.3	40.113	1.01
131.65	16.41	2.47	40.128	0.75
131.7	15.7	2.3	40.143	0.7
131.75	15.35	2.05	40.158	0.62
131.8	15.18	1.47	40.174	0.45
131.85	17.59	1.72	40.189	0.52
131.9	16.29	1.31	40.204	0.4
131.95	15.15	1.73	40.219	0.53
132	15.57	1.84	40.235	0.56
132.05	15.79	2.02	40.25	0.62
132.1	15.39	1.62	40.265	0.49
132.15	16.2	0.9	40.28	0.27
132.2	15.6	1.41	40.296	0.43
132.25	18.3	2.64	40.311	0.8
132.3	16.65	2.06	40.326	0.63
132.35	15.32	1.34	40.341	0.41

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	14.16	1.74	40.357	0.53
132.45	13.58	4.72	40.372	1.44
132.5	13.29	1.99	40.387	0.61
132.55	13.15	3.41	40.402	1.04
132.6	12.57	2.93	40.418	0.89
132.65	14.29	2.86	40.433	0.87
132.7	14.64	4.2	40.448	1.28
132.75	11.82	2.31	40.463	0.7
132.8	10.41	3.2	40.479	0.97
132.85	9.21	5.2	40.494	1.58
132.9	9.1	2.17	40.509	0.66
132.95	8.05	1.78	40.524	0.54
133	8.03	2.56	40.539	0.78
133.05	7.51	3.16	40.555	0.96
133.1	7.26	1.63	40.57	0.5
133.15	7.13	2.7	40.585	0.82
133.2	8.06	2.17	40.6	0.66
133.25	7.03	2.56	40.616	0.78
133.3	6.52	3.22	40.631	0.98
133.35	6.76	1.09	40.646	0.33
133.4	6.88	1.57	40.661	0.48
133.45	6.94	1.81	40.677	0.55
133.5	6.97	3.2	40.692	0.98
133.55	7.48	2.46	40.707	0.75
133.6	7.74	2.35	40.722	0.72
133.65	7.87	2.03	40.738	0.62
133.7	8.44	3.39	40.753	1.03
133.75	8.72	3.01	40.768	0.92
133.8	8.86	4.33	40.783	1.32
133.85	9.93	2.22	40.799	0.68
133.9	9.96	2.84	40.814	0.87
133.95	10.48	3.03	40.829	0.92
134	10.24	2.64	40.844	0.8
134.05	10.62	3.74	40.86	1.14
134.1	10.81	4.85	40.875	1.48
134.15	10.91	3.02	40.89	0.92
134.2	12.45	4.33	40.905	1.32
134.25	13.23	4.13	40.92	1.26
134.3	10.61	2.46	40.936	0.75
134.35	9.31	2.08	40.951	0.63
134.4	8.15	2.6	40.966	0.79
134.45	7.58	3.01	40.981	0.92
134.5	7.29	2.02	40.997	0.62
134.55	7.14	2.48	41.012	0.76
134.6	7.07	1.54	41.027	0.47
134.65	6.54	1.83	41.042	0.56
134.7	6.77	1.76	41.058	0.54
134.75	6.88	2.95	41.073	0.9
134.8	6.94	2.51	41.088	0.77
134.85	6.47	2.11	41.103	0.64
134.9	6.74	2.13	41.119	0.65
134.95	7.37	2.99	41.134	0.91
135	7.18	2.96	41.149	0.9
135.05	7.09	2.84	41.164	0.87
135.1	7.05	3.41	41.18	1.04
135.15	6.52	3.85	41.195	1.17
135.2	6.76	2.52	41.21	0.77
135.25	7.88	2.5	41.225	0.76
135.3	7.94	2.65	41.241	0.81
135.35	7.47	3.09	41.256	0.94
135.4	6.74	2.58	41.271	0.79
135.45	6.87	3.13	41.286	0.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	6.43	1.92	41.302	0.58
135.55	6.72	2.13	41.317	0.65
135.6	6.36	3.14	41.332	0.96
135.65	6.18	2.86	41.347	0.87
135.7	6.09	2.77	41.362	0.84
135.75	6.04	1.93	41.378	0.59
135.8	6.52	2.74	41.393	0.84
135.85	6.76	1.83	41.408	0.56
135.9	6.88	2.68	41.423	0.82
135.95	7.44	2.34	41.439	0.71
136	7.22	3.71	41.454	1.13
136.05	6.61	3.55	41.469	1.08
136.1	6.81	2.95	41.484	0.9
136.15	6.9	2.32	41.5	0.71
136.2	7.45	2.84	41.515	0.87
136.25	7.23	2.32	41.53	0.71
136.3	7.11	2.61	41.545	0.79
136.35	7.06	2.24	41.561	0.68
136.4	7.03	3.02	41.576	0.92
136.45	7.01	2.34	41.591	0.71
136.5	7.01	2.75	41.606	0.84
136.55	7	2.88	41.622	0.88
136.6	7	3.05	41.637	0.93
136.65	7	3.81	41.652	1.16
136.7	7.5	2.07	41.667	0.63
136.75	7.25	2.78	41.683	0.85
136.8	7.63	3.25	41.698	0.99
136.85	7.31	2.93	41.713	0.89
136.9	7.16	2.02	41.728	0.62
136.95	7.08	3.51	41.744	1.07
137	7.54	2.92	41.759	0.89
137.05	7.27	2.49	41.774	0.76
137.1	7.13	2.75	41.789	0.84
137.15	7.07	3.06	41.804	0.93
137.2	7.03	0.85	41.82	0.26
137.25	6.52	4.33	41.835	1.32
137.3	6.76	3.81	41.85	1.16
137.35	6.38	2.15	41.865	0.65
137.4	6.69	2.47	41.881	0.75
137.45	6.34	4.55	41.896	1.39
137.5	6.67	2.99	41.911	0.91
137.55	6.34	4.04	41.926	1.23
137.6	6.67	2.98	41.942	0.91
137.65	6.83	6.04	41.957	1.84
137.7	7.42	4.27	41.972	1.3
137.75	7.71	4.43	41.987	1.35
137.8	7.85	3.39	42.003	1.03
137.85	7.43	4.86	42.018	1.48
137.9	7.71	5.07	42.033	1.55
137.95	7.86	4.91	42.048	1.5
138	7.93	4.83	42.064	1.47
138.05	7.96	3.9	42.079	1.19
138.1	7.48	5.67	42.094	1.73
138.15	8.24	3.59	42.109	1.09
138.2	8.12	2.89	42.125	0.88
138.25	8.06	3.38	42.14	1.03
138.3	7.53	3.82	42.155	1.16
138.35	7.27	3.23	42.17	0.99
138.4	7.63	2.79	42.185	0.85
138.45	7.32	2.75	42.201	0.84
138.5	7.16	2.87	42.216	0.88
138.55	8.08	1.56	42.231	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	8.04	2.49	42.246	0.76
138.65	8.02	3.2	42.262	0.98
138.7	8.51	2.83	42.277	0.86
138.75	8.75	2.78	42.292	0.85
138.8	7.88	3.1	42.307	0.94
138.85	7.94	3.24	42.323	0.99
138.9	7.97	3.22	42.338	0.98
138.95	6.98	3.06	42.353	0.93
139	6.49	3.16	42.368	0.96
139.05	6.25	3.08	42.384	0.94
139.1	7.62	4.64	42.399	1.41
139.15	6.81	3.77	42.414	1.15
139.2	6.41	3.87	42.429	1.18
139.25	6.2	4.06	42.445	1.24
139.3	6.1	6.82	42.46	2.08
139.35	6.55	4.37	42.475	1.33
139.4	6.78	4.02	42.49	1.23
139.45	6.39	3.93	42.506	1.2
139.5	6.69	4.35	42.521	1.33
139.55	6.85	2.46	42.536	0.75
139.6	6.92	2.82	42.551	0.86
139.65	7.46	4.9	42.567	1.49
139.7	6.73	3.44	42.582	1.05
139.75	6.37	3.63	42.597	1.11
139.8	6.68	2.71	42.612	0.83
139.85	6.34	2.19	42.627	0.67
139.9	6.17	2.11	42.643	0.64
139.95	6.09	2.58	42.658	0.79
140	6.04	2.53	42.673	0.77
140.05	6.02	2.43	42.688	0.74
140.1	6.01	2.37	42.704	0.72
140.15	6.01	2.21	42.719	0.67
140.2	6.5	2.61	42.734	0.79
140.25	6.75	2.21	42.749	0.67
140.3	6.88	2.44	42.765	0.74
140.35	6.44	3.05	42.78	0.93
140.4	6.22	2.87	42.795	0.87
140.45	6.11	3.15	42.81	0.96
140.5	6.05	3.81	42.826	1.16
140.55	6.03	3.1	42.841	0.94
140.6	6.51	3.02	42.856	0.92
140.65	6.76	4.99	42.871	1.52
140.7	6.88	4.5	42.887	1.37
140.75	6.94	4.33	42.902	1.32
140.8	6.97	4.98	42.917	1.52
140.85	6.98	3.45	42.932	1.05
140.9	6.99	3.36	42.948	1.03
140.95	7	3.32	42.963	1.01
141	7	5.97	42.978	1.82
141.05	7	3.73	42.993	1.14
141.1	7	4.15	43.008	1.26
141.15	7	3.03	43.024	0.92
141.2	7	3.21	43.039	0.98
141.25	8	3.27	43.054	1
141.3	8	3.2	43.069	0.97
141.35	7	3.64	43.085	1.11
141.4	6.5	4.09	43.1	1.25
141.45	6.25	4.34	43.115	1.32
141.5	6.12	4.21	43.13	1.28
141.55	6.56	3.22	43.146	0.98
141.6	6.78	3.65	43.161	1.11
141.65	6.89	2.97	43.176	0.9

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	6.95	3.09	43.191	0.94
141.75	6.97	3.16	43.207	0.96
141.8	6.99	3.74	43.222	1.14
141.85	6.99	3.28	43.237	1
141.9	7	3.23	43.252	0.99
141.95	7	3.01	43.268	0.92
142	7	3.04	43.283	0.93
142.05	7	3.22	43.298	0.98
142.1	7	2.86	43.313	0.87
142.15	7	3.35	43.329	1.02

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 04:52

LOG END DEPTH: 148.655 FEET

LOG END TIME: Fri Jun 06 2008 06:53

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	0.5	3.35	0	1.02
0.05	0.75	5.37	0.015	1.64
0.1	0.88	6.69	0.03	2.04
0.15	1.94	6.64	0.046	2.02
0.2	6.47	7.13	0.061	2.17
0.25	16.73	7.35	0.076	2.24
0.3	28.37	6.94	0.091	2.12
0.35	31.68	7.17	0.107	2.18
0.4	34.84	6.94	0.122	2.12
0.45	45.42	9.38	0.137	2.86
0.5	60.21	7.56	0.152	2.3
0.55	57.61	7.7	0.168	2.35
0.6	65.8	7.85	0.183	2.39
0.65	59.9	9.4	0.198	2.87
0.7	51.45	8.02	0.213	2.45
0.75	49.73	9.81	0.229	2.99
0.8	45.36	9.2	0.244	2.8
0.85	41.18	10.44	0.259	3.18
0.9	46.09	9.52	0.274	2.9
0.95	49.05	9.07	0.29	2.76
1	49.02	10.25	0.305	3.12
1.05	49.51	8.08	0.32	2.46
1.1	54.76	9.35	0.335	2.85
1.15	55.88	9.61	0.351	2.93
1.2	56.44	9.01	0.366	2.75
1.25	55.72	9.79	0.381	2.99
1.3	52.86	9.23	0.396	2.81
1.35	50.43	9.7	0.411	2.96
1.4	49.71	8.7	0.427	2.65
1.45	48.86	7.91	0.442	2.41
1.5	46.43	7.34	0.457	2.24
1.55	47.71	7.06	0.472	2.15
1.6	45.36	6.7	0.488	2.04
1.65	42.68	7.06	0.503	2.15
1.7	46.34	6.79	0.518	2.07
1.75	43.67	6.98	0.533	2.13
1.8	41.83	7.04	0.549	2.15
1.85	40.92	7.48	0.564	2.28
1.9	40.96	7.19	0.579	2.19
1.95	38.48	7.15	0.594	2.18
2	40.74	7.29	0.61	2.22
2.05	40.37	6.86	0.625	2.09
2.1	37.68	7.8	0.64	2.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.15	36.84	7.61	0.655	2.32
2.2	37.42	8	0.671	2.44
2.25	36.71	7.89	0.686	2.4
2.3	38.36	8.27	0.701	2.52
2.35	39.18	7.93	0.716	2.42
2.4	39.59	7.47	0.732	2.28
2.45	40.29	7.52	0.747	2.29
2.5	40.65	7.49	0.762	2.28
2.55	43.82	7.47	0.777	2.28
2.6	43.91	8.22	0.792	2.51
2.65	46.46	7.77	0.808	2.37
2.7	53.73	1.42	0.823	0.43
2.75	58.36	3.23	0.838	0.98
2.8	58.68	4.38	0.853	1.33
2.85	59.84	5.16	0.869	1.57
2.9	60.92	5.69	0.884	1.73
2.95	55.96	5.62	0.899	1.71
3	53.98	5.6	0.914	1.71
3.05	55.99	6.53	0.93	1.99
3.1	56	5.28	0.945	1.61
3.15	50.5	8.57	0.96	2.61
3.2	48.25	5.9	0.975	1.8
3.25	48.62	6.71	0.991	2.05
3.3	51.81	6.6	1.006	2.01
3.35	51.41	10.48	1.021	3.19
3.4	55.2	9.33	1.036	2.84
3.45	58.6	9.98	1.052	3.04
3.5	59.8	8.4	1.067	2.56
3.55	60.4	8.65	1.082	2.64
3.6	57.7	10.24	1.097	3.12
3.65	55.85	8.06	1.113	2.46
3.7	54.93	8.37	1.128	2.55
3.75	52.46	9.66	1.143	2.94
3.8	51.73	8.15	1.158	2.48
3.85	51.37	6.62	1.173	2.02
3.9	51.18	8.83	1.189	2.69
3.95	50.59	5.72	1.204	1.74
4	50.3	6.72	1.219	2.05
4.05	50.65	6.19	1.234	1.89
4.1	51.32	7.06	1.25	2.15
4.15	49.66	7.19	1.265	2.19
4.2	51.33	7.26	1.28	2.21
4.25	52.67	7.16	1.295	2.18
4.3	52.83	6.93	1.311	2.11
4.35	53.92	6.93	1.326	2.11
4.4	53.96	6.31	1.341	1.92
4.45	53.48	6.94	1.356	2.12
4.5	54.24	6.8	1.372	2.07
4.55	52.12	6.36	1.387	1.94
4.6	50.06	11.09	1.402	3.38
4.65	48.03	7.44	1.417	2.27
4.7	46.01	9.25	1.433	2.82
4.75	44.01	7.87	1.448	2.4
4.8	42.5	8.65	1.463	2.64
4.85	43.25	7.63	1.478	2.33
4.9	40.13	8.18	1.494	2.49
4.95	41.56	7.69	1.509	2.34
5	40.28	9.02	1.524	2.75
5.05	38.64	7.67	1.539	2.34
5.1	41.32	7.72	1.554	2.35
5.15	41.66	8.14	1.57	2.48
5.2	41.83	5.9	1.585	1.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.25	42.92	7.15	1.6	2.18
5.3	47.46	8.06	1.615	2.46
5.35	50.23	8.34	1.631	2.54
5.4	53.61	8.82	1.646	2.69
5.45	56.81	8.99	1.661	2.74
5.5	58.4	9.31	1.676	2.84
5.55	67.2	9.55	1.692	2.91
5.6	69.6	9.41	1.707	2.87
5.65	68.8	10.18	1.722	3.1
5.7	74.4	9.01	1.737	2.75
5.75	77.2	8.96	1.753	2.73
5.8	77.1	9.56	1.768	2.91
5.85	78.55	10.83	1.783	3.3
5.9	82.28	9.6	1.798	2.93
5.95	86.14	9.25	1.814	2.82
6	89.07	9.38	1.829	2.86
6.05	91.53	10.7	1.844	3.26
6.1	91.27	8.73	1.859	2.66
6.15	93.13	8.89	1.875	2.71
6.2	93.07	8.97	1.89	2.73
6.25	94.53	10.39	1.905	3.17
6.3	93.77	9.9	1.92	3.02
6.35	92.38	10.39	1.935	3.17
6.4	90.19	9.39	1.951	2.86
6.45	86.6	8.31	1.966	2.53
6.5	86.3	9.3	1.981	2.83
6.55	85.65	9.31	1.996	2.84
6.6	87.82	8.9	2.012	2.71
6.65	93.41	8.92	2.027	2.72
6.7	96.71	9.36	2.042	2.85
6.75	91.85	9.73	2.057	2.97
6.8	91.43	9.71	2.073	2.96
6.85	92.71	9.68	2.088	2.95
6.9	87.86	9.56	2.103	2.91
6.95	81.43	9.15	2.118	2.79
7	81.21	10.13	2.134	3.09
7.05	82.61	9.49	2.149	2.89
7.1	86.8	9.55	2.164	2.91
7.15	88.4	9.04	2.179	2.76
7.2	87.7	9.58	2.195	2.92
7.25	88.85	10.18	2.21	3.1
7.3	87.43	9.52	2.225	2.9
7.35	88.21	9.97	2.24	3.04
7.4	86.11	10.26	2.256	3.13
7.45	86.05	9.74	2.271	2.97
7.5	84.53	8.8	2.286	2.68
7.55	83.26	9.49	2.301	2.89
7.6	82.63	9.73	2.316	2.97
7.65	82.32	0	2.332	0
7.7	81.66	5.05	2.347	1.54
7.75	83.83	4.57	2.362	1.39
7.8	83.41	7.59	2.377	2.31
7.85	88.21	8.33	2.393	2.54
7.9	90.6	17.71	2.408	5.4
7.95	96.3	10.08	2.423	3.07
8	90.15	12.93	2.438	3.94
8.05	85.58	2.67	2.454	0.81
8.1	89.79	5.32	2.469	1.62
8.15	87.39	13.23	2.484	4.03
8.2	84.7	8.67	2.499	2.64
8.25	86.85	10.77	2.515	3.28
8.3	86.92	10.13	2.53	3.09

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.35	85.46	14.44	2.545	4.4
8.4	82.73	10.63	2.56	3.24
8.45	81.37	10.36	2.576	3.16
8.5	80.18	13.25	2.591	4.04
8.55	78.09	13.46	2.606	4.1
8.6	77.05	10.31	2.621	3.14
8.65	73.52	9.33	2.637	2.84
8.7	71.26	9.08	2.652	2.77
8.75	71.63	11.65	2.667	3.55
8.8	67.82	10.59	2.682	3.23
8.85	74.41	8.03	2.697	2.45
8.9	78.7	11.07	2.713	3.37
8.95	73.85	7.84	2.728	2.39
9	76.43	9.54	2.743	2.91
9.05	80.71	8.78	2.758	2.68
9.1	79.86	10.11	2.774	3.08
9.15	82.43	8.72	2.789	2.66
9.2	84.71	9.57	2.804	2.92
9.25	85.86	8.06	2.819	2.46
9.3	84.43	8.03	2.835	2.45
9.35	83.21	8.15	2.85	2.49
9.4	85.11	8.22	2.865	2.5
9.45	80.55	7.83	2.88	2.39
9.5	78.28	8.13	2.896	2.48
9.55	75.64	7.94	2.911	2.42
9.6	69.82	9.16	2.926	2.79
9.65	72.41	7.93	2.941	2.42
9.7	58.2	7.21	2.957	2.2
9.75	54.6	8.13	2.972	2.48
9.8	52.8	8.16	2.987	2.49
9.85	49.9	8.02	3.002	2.44
9.9	54.95	7.93	3.018	2.42
9.95	51.48	9	3.033	2.74
10	39.74	9.85	3.048	3
10.05	39.37	9.07	3.063	2.76
10.1	34.18	8.36	3.078	2.55
10.15	27.09	7.55	3.094	2.3
10.2	31.05	6.85	3.109	2.09
10.25	22.02	7.98	3.124	2.43
10.3	23.01	7.74	3.139	2.36
10.35	21.01	7.52	3.155	2.29
10.4	18	5.89	3.17	1.79
10.45	21.5	7.59	3.185	2.31
10.5	21.75	7.29	3.2	2.22
10.55	25.38	8.26	3.216	2.52
10.6	25.69	8.43	3.231	2.57
10.65	26.84	8.97	3.246	2.73
10.7	28.92	9.09	3.261	2.77
10.75	27.46	8.85	3.277	2.7
10.8	28.23	8.47	3.292	2.58
10.85	28.62	8.36	3.307	2.55
10.9	32.81	8.95	3.322	2.73
10.95	32.4	8.88	3.338	2.71
11	32.2	9.43	3.353	2.87
11.05	31.1	10.35	3.368	3.16
11.1	33.05	9.37	3.383	2.85
11.15	32.53	9.38	3.399	2.86
11.2	34.26	8.44	3.414	2.57
11.25	35.13	10.45	3.429	3.19
11.3	35.57	8.84	3.444	2.69
11.35	38.28	9.39	3.459	2.86
11.4	37.64	9.08	3.475	2.77

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.45	40.82	10.88	3.49	3.32
11.5	42.41	8.98	3.505	2.74
11.55	42.71	9.23	3.52	2.81
11.6	44.35	9.68	3.536	2.95
11.65	45.18	8.73	3.551	2.66
11.7	46.59	8.44	3.566	2.57
11.75	48.29	7.98	3.581	2.43
11.8	49.65	8.66	3.597	2.64
11.85	50.32	8.53	3.612	2.6
11.9	50.66	8.49	3.627	2.59
11.95	50.33	8.71	3.642	2.65
12	49.67	8.64	3.658	2.63
12.05	52.33	8.52	3.673	2.6
12.1	53.17	8.5	3.688	2.59
12.15	52.08	8.58	3.703	2.62
12.2	52.54	8.45	3.719	2.57
12.25	50.77	8.39	3.734	2.56
12.3	49.89	7.94	3.749	2.42
12.35	51.44	8.26	3.764	2.52
12.4	51.72	8.21	3.78	2.5
12.45	53.36	8.12	3.795	2.48
12.5	53.68	8.72	3.81	2.66
12.55	55.34	7.85	3.825	2.39
12.6	55.17	7.33	3.84	2.24
12.65	56.59	7.7	3.856	2.35
12.7	59.79	3.84	3.871	1.17
12.75	61.4	4.32	3.886	1.32
12.8	63.7	6.54	3.901	1.99
12.85	66.85	7.13	3.917	2.17
12.9	70.42	5.85	3.932	1.78
12.95	74.71	12.66	3.947	3.86
13	83.86	1.25	3.962	0.38
13.05	88.93	3.57	3.978	1.09
13.1	93.96	4.32	3.993	1.32
13.15	97.48	9.82	4.008	2.99
13.2	100.24	7.27	4.023	2.22
13.25	103.62	7.07	4.039	2.16
13.3	106.31	7.76	4.054	2.36
13.35	107.66	10.89	4.069	3.32
13.4	108.33	7.77	4.084	2.37
13.45	110.16	9.63	4.1	2.94
13.5	113.58	7.46	4.115	2.27
13.55	114.29	11.94	4.13	3.64
13.6	114.15	8.91	4.145	2.72
13.65	116.57	10.01	4.161	3.05
13.7	117.29	9.02	4.176	2.75
13.75	115.64	10.99	4.191	3.35
13.8	113.82	10.51	4.206	3.2
13.85	115.91	9.59	4.221	2.92
13.9	116.46	9.9	4.237	3.02
13.95	118.23	9.14	4.252	2.79
14	116.61	10.73	4.267	3.27
14.05	118.81	8.22	4.282	2.5
14.1	117.9	8.99	4.298	2.74
14.15	117.45	6.65	4.313	2.03
14.2	116.73	8.44	4.328	2.57
14.25	115.86	7.07	4.343	2.15
14.3	115.43	8.23	4.359	2.51
14.35	113.22	8.54	4.374	2.6
14.4	112.61	7.78	4.389	2.37
14.45	111.3	9.1	4.404	2.77
14.5	110.15	8.77	4.42	2.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.55	108.58	8.75	4.435	2.67
14.6	108.29	11.03	4.45	3.36
14.65	107.14	8.48	4.465	2.58
14.7	106.57	8.25	4.481	2.52
14.75	105.79	8.31	4.496	2.53
14.8	105.39	9.33	4.511	2.84
14.85	104.7	9.25	4.526	2.82
14.9	103.35	9.81	4.542	2.99
14.95	103.67	10.51	4.557	3.2
15	103.84	10.37	4.572	3.16
15.05	103.92	9.49	4.587	2.89
15.1	102.46	10	4.602	3.05
15.15	103.23	9.28	4.618	2.83
15.2	103.61	9.99	4.633	3.05
15.25	101.81	10.24	4.648	3.12
15.3	101.4	10.84	4.663	3.3
15.35	99.2	11.85	4.679	3.61
15.4	99.1	14.37	4.694	4.38
15.45	96.55	12.28	4.709	3.74
15.5	95.78	11.88	4.724	3.62
15.55	95.39	12.51	4.74	3.81
15.6	93.69	12.68	4.755	3.86
15.65	93.85	13.26	4.77	4.04
15.7	93.42	13.93	4.785	4.25
15.75	94.21	14.27	4.801	4.35
15.8	93.61	13.83	4.816	4.21
15.85	94.8	14.15	4.831	4.31
15.9	94.4	14.04	4.846	4.28
15.95	94.7	14.24	4.862	4.34
16	95.35	14.27	4.877	4.35
16.05	94.18	15.16	4.892	4.62
16.1	93.09	14.81	4.907	4.52
16.15	92.54	14.26	4.923	4.35
16.2	92.27	15.3	4.938	4.66
16.25	91.64	16.96	4.953	5.17
16.3	92.32	15.25	4.968	4.65
16.35	91.66	15.6	4.983	4.76
16.4	91.83	15.94	4.999	4.86
16.45	91.41	16.66	5.014	5.08
16.5	89.21	15.6	5.029	4.76
16.55	89.1	15.98	5.044	4.87
16.6	87.05	15.11	5.06	4.61
16.65	86.53	16.54	5.075	5.04
16.7	84.76	15.24	5.09	4.64
16.75	83.38	15.77	5.105	4.81
16.8	83.69	15.17	5.121	4.62
16.85	83.35	15.83	5.136	4.82
16.9	83.67	15.18	5.151	4.63
16.95	82.84	16.28	5.166	4.96
17	82.42	15.26	5.182	4.65
17.05	82.71	15.55	5.197	4.74
17.1	82.35	16.2	5.212	4.94
17.15	81.18	15.48	5.227	4.72
17.2	81.59	16.14	5.243	4.92
17.25	81.29	15.57	5.258	4.75
17.3	81.15	15.62	5.273	4.76
17.35	81.57	16.42	5.288	5.01
17.4	80.79	15.55	5.304	4.74
17.45	80.39	16.14	5.319	4.92
17.5	80.2	16.56	5.334	5.05
17.55	80.6	15.84	5.349	4.83
17.6	78.8	15.84	5.364	4.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.65	77.9	15.82	5.38	4.82
17.7	78.95	5.28	5.395	1.61
17.75	78.97	3.26	5.41	0.99
17.8	79.49	7.74	5.425	2.36
17.85	79.74	9.8	5.441	2.99
17.9	80.37	15.47	5.456	4.72
17.95	80.19	12.89	5.471	3.93
18	79.09	14.01	5.486	4.27
18.05	80.05	14.72	5.502	4.49
18.1	79.52	18.57	5.517	5.66
18.15	79.26	16.31	5.532	4.97
18.2	79.13	15.57	5.547	4.75
18.25	78.07	14.59	5.563	4.45
18.3	77.03	14.37	5.578	4.38
18.35	76.52	17.48	5.593	5.33
18.4	74.76	15.56	5.608	4.74
18.45	73.88	18.93	5.624	5.77
18.5	72.44	16.44	5.639	5.01
18.55	71.72	16.67	5.654	5.08
18.6	73.36	17.15	5.669	5.23
18.65	72.18	15.26	5.685	4.65
18.7	72.59	17.96	5.7	5.47
18.75	73.29	19.84	5.715	6.05
18.8	73.65	17.85	5.73	5.44
18.85	72.82	16.49	5.745	5.03
18.9	72.41	16.93	5.761	5.16
18.95	73.21	17.18	5.776	5.24
19	73.6	17.71	5.791	5.4
19.05	73.3	17.12	5.806	5.22
19.1	73.65	18.12	5.822	5.52
19.15	73.83	18.69	5.837	5.7
19.2	73.91	16.13	5.852	4.92
19.25	74.46	18.59	5.867	5.67
19.3	75.73	14.11	5.883	4.3
19.35	75.86	14.16	5.898	4.32
19.4	76.43	17.17	5.913	5.23
19.45	78.22	15.56	5.928	4.74
19.5	79.11	14.81	5.944	4.52
19.55	80.05	14.77	5.959	4.5
19.6	80.53	16.31	5.974	4.97
19.65	79.26	15.07	5.989	4.59
19.7	79.13	14.92	6.005	4.55
19.75	77.07	14.81	6.02	4.52
19.8	77.03	15.74	6.035	4.8
19.85	76.52	15.51	6.05	4.73
19.9	75.26	16.1	6.066	4.91
19.95	75.13	15.99	6.081	4.87
20	75.56	17.41	6.096	5.31
20.05	75.78	16.14	6.111	4.92
20.1	74.89	15.7	6.126	4.79
20.15	75.45	17.68	6.142	5.39
20.2	74.22	18.72	6.157	5.71
20.25	74.11	17.12	6.172	5.22
20.3	74.06	16.3	6.187	4.97
20.35	73.53	17.1	6.203	5.21
20.4	73.76	17.55	6.218	5.35
20.45	74.88	16	6.233	4.88
20.5	74.44	18.11	6.248	5.52
20.55	74.22	16.37	6.264	4.99
20.6	73.61	14.27	6.279	4.35
20.65	72.31	15.97	6.294	4.87
20.7	72.65	14.43	6.309	4.4

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.75	72.83	15.18	6.325	4.63
20.8	72.91	15.68	6.34	4.78
20.85	72.96	15.33	6.355	4.67
20.9	71.98	15.5	6.37	4.72
20.95	70.99	15.86	6.386	4.83
21	70.49	15.85	6.401	4.83
21.05	70.25	15.48	6.416	4.72
21.1	70.62	16.83	6.431	5.13
21.15	70.81	16.06	6.447	4.89
21.2	70.91	15.46	6.462	4.71
21.25	71.95	17.41	6.477	5.31
21.3	71.98	16.12	6.492	4.91
21.35	72.49	16.13	6.507	4.92
21.4	72.24	16.39	6.523	5
21.45	73.62	17.78	6.538	5.42
21.5	74.31	15.98	6.553	4.87
21.55	74.16	16.64	6.568	5.07
21.6	72.58	16.18	6.584	4.93
21.65	73.29	15.91	6.599	4.85
21.7	72.64	15.93	6.614	4.86
21.75	68.32	14.79	6.629	4.51
21.8	65.66	15.47	6.645	4.71
21.85	66.83	15.75	6.66	4.8
21.9	65.92	15.48	6.675	4.72
21.95	65.96	15.19	6.69	4.63
22	67.48	15.02	6.706	4.58
22.05	69.24	13.99	6.721	4.26
22.1	71.12	14.91	6.736	4.54
22.15	71.56	15.22	6.751	4.64
22.2	71.28	15.26	6.767	4.65
22.25	71.14	15.19	6.782	4.63
22.3	72.07	15.16	6.797	4.62
22.35	73.53	14.89	6.812	4.54
22.4	74.27	14.82	6.828	4.52
22.45	74.63	13.49	6.843	4.11
22.5	74.32	8.8	6.858	2.68
22.55	74.66	6.65	6.873	2.03
22.6	73.83	6.53	6.888	1.99
22.65	75.41	0	6.904	0
22.7	76.21	11.51	6.919	3.51
22.75	77.1	8.22	6.934	2.51
22.8	77.55	8.42	6.949	2.57
22.85	77.28	9.11	6.965	2.78
22.9	76.14	11.43	6.98	3.48
22.95	77.07	12.55	6.995	3.83
23	77.03	13.86	7.01	4.23
23.05	76.52	12.1	7.026	3.69
23.1	76.76	8.28	7.041	2.52
23.15	75.88	10.28	7.056	3.13
23.2	74.94	7.39	7.071	2.25
23.25	75.97	8.47	7.087	2.58
23.3	77.48	6.89	7.102	2.1
23.35	77.24	7.59	7.117	2.31
23.4	77.62	8.24	7.132	2.51
23.45	77.81	7.91	7.148	2.41
23.5	77.41	7.82	7.163	2.38
23.55	75.7	10.02	7.178	3.05
23.6	75.35	8.48	7.193	2.59
23.65	73.68	7.48	7.208	2.28
23.7	73.84	6.46	7.224	1.97
23.75	76.42	9.7	7.239	2.96
23.8	75.71	7.23	7.254	2.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.85	73.85	10.21	7.269	3.11
23.9	73.43	7.2	7.285	2.19
23.95	73.21	11.74	7.3	3.58
24	73.61	11.18	7.315	3.41
24.05	72.8	12.04	7.33	3.67
24.1	73.4	10.91	7.346	3.33
24.15	74.2	10.72	7.361	3.27
24.2	73.1	10.14	7.376	3.09
24.25	72.55	9.54	7.391	2.91
24.3	73.28	9.71	7.407	2.96
24.35	73.14	10.43	7.422	3.18
24.4	72.57	9.61	7.437	2.93
24.45	72.78	8.23	7.452	2.51
24.5	72.39	7.01	7.468	2.14
24.55	71.7	6.93	7.483	2.11
24.6	72.35	7.82	7.498	2.38
24.65	72.17	8.75	7.513	2.67
24.7	72.09	8.37	7.529	2.55
24.75	71.04	7.5	7.544	2.29
24.8	70.52	8.48	7.559	2.58
24.85	70.26	7.97	7.574	2.43
24.9	71.13	7.39	7.589	2.25
24.95	72.57	7.92	7.605	2.42
25	69.78	9.58	7.62	2.92
25.05	70.39	7.4	7.635	2.26
25.1	69.2	8.08	7.65	2.46
25.15	68.1	7.66	7.666	2.33
25.2	69.05	10.95	7.681	3.34
25.25	69.02	8.59	7.696	2.62
25.3	69.01	8.7	7.711	2.65
25.35	68.01	8.88	7.727	2.71
25.4	68	8.8	7.742	2.68
25.45	67	9.59	7.757	2.92
25.5	65.5	9.16	7.772	2.79
25.55	65.75	9.57	7.788	2.92
25.6	66.88	8.57	7.803	2.61
25.65	67.94	8.68	7.818	2.64
25.7	67.47	8.21	7.833	2.5
25.75	68.23	8.19	7.849	2.5
25.8	69.12	7.09	7.864	2.16
25.85	68.56	8.14	7.879	2.48
25.9	68.78	8.61	7.894	2.62
25.95	69.39	8.48	7.91	2.58
26	69.69	8.62	7.925	2.63
26.05	67.85	8.4	7.94	2.56
26.1	66.92	8.52	7.955	2.6
26.15	67.46	8.47	7.97	2.58
26.2	66.73	7.38	7.986	2.25
26.25	66.87	7.77	8.001	2.37
26.3	68.43	8.39	8.016	2.56
26.35	68.22	7.99	8.031	2.43
26.4	67.11	7.78	8.047	2.37
26.45	68.05	8.59	8.062	2.62
26.5	69.03	8.97	8.077	2.74
26.55	68.51	9.02	8.092	2.75
26.6	68.76	8.55	8.108	2.61
26.65	69.38	8.96	8.123	2.73
26.7	69.69	8.17	8.138	2.49
26.75	69.84	7.41	8.153	2.26
26.8	68.42	8.46	8.169	2.58
26.85	69.21	9.21	8.184	2.81
26.9	68.61	8.14	8.199	2.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
26.95	68.8	8.55	8.214	2.61
27	67.9	8.08	8.23	2.46
27.05	67.45	7.02	8.245	2.14
27.1	66.73	8.43	8.26	2.57
27.15	66.36	7.49	8.275	2.28
27.2	66.18	7.82	8.291	2.38
27.25	67.09	8.21	8.306	2.5
27.3	68.05	8.12	8.321	2.48
27.35	68.02	7.45	8.336	2.27
27.4	67.51	7.75	8.351	2.36
27.45	67.26	8.16	8.367	2.49
27.5	67.63	7.99	8.382	2.43
27.55	67.31	6.43	8.397	1.96
27.6	67.66	3.32	8.412	1.01
27.65	67.83	0.67	8.428	0.2
27.7	67.41	10.05	8.443	3.06
27.75	67.21	5.32	8.458	1.62
27.8	67.1	6.16	8.473	1.88
27.85	67.55	4.27	8.489	1.3
27.9	68.28	10.21	8.504	3.11
27.95	69.14	8.77	8.519	2.67
28	68.07	12.97	8.534	3.95
28.05	68.53	11.69	8.55	3.56
28.1	68.27	14.12	8.565	4.3
28.15	67.13	11.61	8.58	3.54
28.2	66.07	11.19	8.595	3.41
28.25	66.03	10.87	8.611	3.31
28.3	65.02	6.21	8.626	1.89
28.35	64.51	8.15	8.641	2.48
28.4	64.75	8	8.656	2.44
28.45	63.38	6.21	8.672	1.89
28.5	63.69	3.44	8.687	1.05
28.55	62.84	4.89	8.702	1.49
28.6	62.92	4.75	8.717	1.45
28.65	62.96	4.85	8.732	1.48
28.7	63.98	5.63	8.748	1.72
28.75	64.49	5.94	8.763	1.81
28.8	65.25	7.2	8.778	2.19
28.85	65.12	6.02	8.793	1.83
28.9	65.56	6.27	8.809	1.91
28.95	66.28	8.95	8.824	2.73
29	65.64	6.81	8.839	2.07
29.05	65.82	7.35	8.854	2.24
29.1	65.91	6.62	8.87	2.02
29.15	65.46	7.87	8.885	2.4
29.2	64.73	6.13	8.9	1.87
29.25	63.86	7.66	8.915	2.34
29.3	64.43	8.76	8.931	2.67
29.35	63.72	12.42	8.946	3.78
29.4	62.86	10.12	8.961	3.09
29.45	62.93	9.07	8.976	2.77
29.5	61.96	9.37	8.992	2.86
29.55	62.48	8.76	9.007	2.67
29.6	62.74	10.78	9.022	3.28
29.65	62.37	13.19	9.037	4.02
29.7	62.19	9.49	9.053	2.89
29.75	62.09	10.57	9.068	3.22
29.8	62.55	9.62	9.083	2.93
29.85	62.77	9.08	9.098	2.77
29.9	61.39	9.37	9.113	2.86
29.95	62.69	9.8	9.129	2.99
30	62.85	8.57	9.144	2.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.05	62.92	9.07	9.159	2.76
30.1	62.46	8.61	9.174	2.62
30.15	61.23	8.49	9.19	2.59
30.2	60.62	8.84	9.205	2.69
30.25	59.81	8.66	9.22	2.64
30.3	58.9	8.91	9.235	2.71
30.35	58.45	8.75	9.251	2.67
30.4	57.23	11.2	9.266	3.41
30.45	56.61	9.01	9.281	2.75
30.5	56.31	9.64	9.296	2.94
30.55	55.15	7.01	9.312	2.14
30.6	55.58	7.98	9.327	2.43
30.65	55.79	7.83	9.342	2.39
30.7	54.89	8.76	9.357	2.67
30.75	53.45	6.98	9.373	2.13
30.8	53.22	7.5	9.388	2.29
30.85	51.61	7.13	9.403	2.17
30.9	50.81	6.65	9.418	2.03
30.95	48.4	6.85	9.434	2.09
31	46.7	6.28	9.449	1.91
31.05	44.85	5.8	9.464	1.77
31.1	42.43	5.94	9.479	1.81
31.15	41.71	5.71	9.494	1.74
31.2	40.36	6.45	9.51	1.96
31.25	39.18	5.59	9.525	1.7
31.3	39.09	5.22	9.54	1.59
31.35	39.04	5.29	9.555	1.61
31.4	38.52	5.13	9.571	1.56
31.45	39.26	5.04	9.586	1.54
31.5	40.13	4.71	9.601	1.44
31.55	39.57	4.52	9.616	1.38
31.6	37.78	5.44	9.632	1.66
31.65	37.39	5.35	9.647	1.63
31.7	37.7	5.8	9.662	1.77
31.75	37.35	4.97	9.677	1.51
31.8	33.67	5.2	9.693	1.58
31.85	31.84	4.66	9.708	1.42
31.9	29.92	4.09	9.723	1.25
31.95	27.46	4.25	9.738	1.3
32	27.73	4.59	9.754	1.4
32.05	29.86	5.24	9.769	1.6
32.1	28.43	4.75	9.784	1.45
32.15	29.22	4.69	9.799	1.43
32.2	30.61	4.93	9.814	1.5
32.25	30.3	4.73	9.83	1.44
32.3	29.65	4.61	9.845	1.41
32.35	27.83	4.99	9.86	1.52
32.4	26.91	5.84	9.875	1.78
32.45	27.96	6.04	9.891	1.84
32.5	27.48	6.32	9.906	1.93
32.55	28.24	6.09	9.921	1.86
32.6	29.62	6.56	9.936	2
32.65	30.81	6.61	9.952	2.02
32.7	29.9	0.65	9.967	0.2
32.75	29.45	2.53	9.982	0.77
32.8	29.23	4.22	9.997	1.29
32.85	28.11	6.61	10.013	2.01
32.9	28.06	8.68	10.028	2.65
32.95	27.03	7.52	10.043	2.29
33	26.51	9.19	10.058	2.8
33.05	25.76	8.36	10.074	2.55
33.1	25.38	10.04	10.089	3.06

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33.15	25.19	9.06	10.104	2.76
33.2	24.09	13.09	10.119	3.99
33.25	22.55	8.3	10.135	2.53
33.3	22.27	7.23	10.15	2.2
33.35	21.14	8.84	10.165	2.69
33.4	21.07	8.86	10.18	2.7
33.45	20.53	7.62	10.195	2.32
33.5	20.27	5.45	10.211	1.66
33.55	21.13	6.75	10.226	2.06
33.6	21.57	6.97	10.241	2.13
33.65	21.28	6.16	10.256	1.88
33.7	20.64	6.69	10.272	2.04
33.75	22.32	6.94	10.287	2.12
33.8	22.66	7.85	10.302	2.39
33.85	22.33	6.67	10.317	2.03
33.9	22.67	8.04	10.333	2.45
33.95	22.33	11.39	10.348	3.47
34	22.17	7.77	10.363	2.37
34.05	21.58	8.81	10.378	2.68
34.1	20.79	9.13	10.394	2.78
34.15	20.4	10.33	10.409	3.15
34.2	20.7	8.64	10.424	2.63
34.25	22.85	8.42	10.439	2.57
34.3	23.92	9.63	10.455	2.94
34.35	25.96	9.39	10.47	2.86
34.4	27.98	10.22	10.485	3.11
34.45	32.49	9.72	10.5	2.96
34.5	38.25	9.36	10.516	2.85
34.55	39.62	10.65	10.531	3.25
34.6	40.31	10.11	10.546	3.08
34.65	44.16	6.3	10.561	1.92
34.7	47.08	8.18	10.576	2.49
34.75	45.54	6.92	10.592	2.11
34.8	46.27	6.57	10.607	2
34.85	43.63	6.48	10.622	1.98
34.9	43.32	6.93	10.637	2.11
34.95	42.66	6.87	10.653	2.09
35	43.33	6.79	10.668	2.07
35.05	41.16	7.19	10.683	2.19
35.1	40.08	6.07	10.698	1.85
35.15	38.54	6.11	10.714	1.86
35.2	38.27	7	10.729	2.13
35.25	40.14	6.24	10.744	1.9
35.3	41.57	5.77	10.759	1.76
35.35	41.28	6.14	10.775	1.87
35.4	42.14	6.92	10.79	2.11
35.45	41.57	6.41	10.805	1.95
35.5	43.29	6.99	10.82	2.13
35.55	42.14	5.42	10.836	1.65
35.6	41.07	5.9	10.851	1.8
35.65	42.04	6.12	10.866	1.86
35.7	38.02	6.13	10.881	1.87
35.75	37.51	5.66	10.897	1.72
35.8	36.75	6.18	10.912	1.88
35.85	38.38	5.95	10.927	1.81
35.9	37.19	6.53	10.942	1.99
35.95	37.09	6.09	10.957	1.86
36	37.55	5.69	10.973	1.73
36.05	37.27	5.58	10.988	1.7
36.1	34.14	6.59	11.003	2.01
36.15	34.07	6.16	11.018	1.88
36.2	33.53	5.8	11.034	1.77

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.25	34.27	6.49	11.049	1.98
36.3	36.13	6.42	11.064	1.96
36.35	37.07	6.19	11.079	1.89
36.4	36.53	6.75	11.095	2.06
36.45	37.77	6.41	11.11	1.95
36.5	35.88	7.04	11.125	2.15
36.55	33.44	6.6	11.14	2.01
36.6	33.22	6.5	11.156	1.98
36.65	33.11	5.91	11.171	1.8
36.7	34.06	6.43	11.186	1.96
36.75	34.53	6.73	11.201	2.05
36.8	32.76	6.37	11.217	1.94
36.85	33.88	7.56	11.232	2.3
36.9	32.94	7.35	11.247	2.24
36.95	31.97	6.83	11.262	2.08
37	30.99	6.44	11.278	1.96
37.05	29.99	7.85	11.293	2.39
37.1	29.5	6.96	11.308	2.12
37.15	31.25	7.11	11.323	2.17
37.2	34.12	6.8	11.338	2.07
37.25	35.06	6.4	11.354	1.95
37.3	41.53	6.84	11.369	2.08
37.35	54.27	7.12	11.384	2.17
37.4	57.13	7.1	11.399	2.16
37.45	62.07	7.09	11.415	2.16
37.5	63.53	6.76	11.43	2.06
37.55	64.77	6.24	11.445	1.9
37.6	64.38	6.62	11.46	2.02
37.65	62.19	4.62	11.476	1.41
37.7	59.6	1.6	11.491	0.49
37.75	57.8	4.85	11.506	1.48
37.8	56.4	4.86	11.521	1.48
37.85	54.7	6.27	11.537	1.91
37.9	51.85	6.24	11.552	1.9
37.95	51.42	5.6	11.567	1.71
38	49.21	5.63	11.582	1.71
38.05	47.11	6.99	11.598	2.13
38.1	46.55	9.41	11.613	2.87
38.15	45.28	7.69	11.628	2.34
38.2	44.64	6.61	11.643	2.01
38.25	44.32	7.37	11.659	2.25
38.3	45.66	4.75	11.674	1.45
38.35	45.33	7.8	11.689	2.38
38.4	46.66	7.59	11.704	2.31
38.45	49.33	4.78	11.719	1.46
38.5	50.17	4.03	11.735	1.23
38.55	50.58	5.34	11.75	1.63
38.6	52.79	5.31	11.765	1.62
38.65	53.9	4.94	11.78	1.51
38.7	54.95	4.24	11.796	1.29
38.75	55.97	5.45	11.811	1.66
38.8	56.99	5.62	11.826	1.71
38.85	57.49	4.91	11.841	1.5
38.9	57.75	5.54	11.857	1.69
38.95	57.87	7.38	11.872	2.25
39	59.94	5.51	11.887	1.68
39.05	60.47	6.17	11.902	1.88
39.1	61.23	5.88	11.918	1.79
39.15	63.12	6.77	11.933	2.06
39.2	65.06	6.35	11.948	1.94
39.25	65.53	8.17	11.963	2.49
39.3	64.26	6.51	11.979	1.98

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39.35	64.63	7.87	11.994	2.4
39.4	64.32	7.08	12.009	2.16
39.45	63.66	6.03	12.024	1.84
39.5	62.33	7.24	12.04	2.21
39.55	61.16	6.79	12.055	2.07
39.6	60.08	7.99	12.07	2.43
39.65	60.04	7.98	12.085	2.43
39.7	60.52	5.99	12.1	1.83
39.75	60.26	7.35	12.116	2.24
39.8	59.63	5.93	12.131	1.81
39.85	60.32	5.12	12.146	1.56
39.9	59.66	5.77	12.161	1.76
39.95	60.33	5.41	12.177	1.65
40	60.16	6.55	12.192	2
40.05	60.58	6.1	12.207	1.86
40.1	61.29	5.33	12.222	1.63
40.15	61.15	5.17	12.238	1.57
40.2	61.07	5.69	12.253	1.73
40.25	60.54	5.43	12.268	1.65
40.3	60.27	5.51	12.283	1.68
40.35	60.13	5.62	12.299	1.71
40.4	60.57	5.43	12.314	1.66
40.45	60.78	6.14	12.329	1.87
40.5	60.39	6.53	12.344	1.99
40.55	59.7	6.06	12.36	1.85
40.6	58.85	7.61	12.375	2.32
40.65	59.42	6.19	12.39	1.89
40.7	59.21	7.62	12.405	2.32
40.75	59.11	5.91	12.42	1.8
40.8	59.05	6.1	12.436	1.86
40.85	59.03	5.75	12.451	1.75
40.9	58.51	7.72	12.466	2.35
40.95	58.76	7.01	12.481	2.14
41	58.88	6.55	12.497	2
41.05	58.44	6.5	12.512	1.98
41.1	58.72	6.89	12.527	2.1
41.15	58.86	6.08	12.542	1.85
41.2	58.43	6.13	12.558	1.87
41.25	57.71	6.47	12.573	1.97
41.3	56.86	6.66	12.588	2.03
41.35	55.93	6.29	12.603	1.92
41.4	55.46	6.81	12.619	2.08
41.45	55.23	6.81	12.634	2.07
41.5	54.62	7.18	12.649	2.19
41.55	54.31	6.44	12.664	1.96
41.6	54.65	6.6	12.68	2.01
41.65	54.33	6.27	12.695	1.91
41.7	54.16	7.08	12.71	2.16
41.75	54.08	6.21	12.725	1.89
41.8	53.54	6.61	12.741	2.01
41.85	54.27	6.59	12.756	2.01
41.9	54.14	6.89	12.771	2.1
41.95	53.57	6.74	12.786	2.06
42	53.28	7.06	12.801	2.15
42.05	54.14	7.8	12.817	2.38
42.1	54.07	7.07	12.832	2.16
42.15	53.54	6.82	12.847	2.08
42.2	53.27	6.06	12.862	1.85
42.25	54.13	6.97	12.878	2.12
42.3	54.07	6.95	12.893	2.12
42.35	54.03	5.94	12.908	1.81
42.4	53.02	7.18	12.923	2.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.45	52.01	5.9	12.939	1.8
42.5	52.5	6.85	12.954	2.09
42.55	52.75	6.79	12.969	2.07
42.6	51.88	6.24	12.984	1.9
42.65	51.44	4.39	13	1.34
42.7	51.72	3.61	13.015	1.1
42.75	52.36	3.51	13.03	1.07
42.8	52.18	5.58	13.045	1.7
42.85	52.59	5.9	13.061	1.8
42.9	52.79	10.64	13.076	3.24
42.95	52.9	5.23	13.091	1.59
43	52.95	8.82	13.106	2.69
43.05	51.97	5.79	13.122	1.76
43.1	51.99	5.94	13.137	1.81
43.15	51.49	6.27	13.152	1.91
43.2	51.25	7.6	13.167	2.32
43.25	50.62	6.53	13.182	1.99
43.3	50.81	10.77	13.198	3.28
43.35	50.91	5.39	13.213	1.64
43.4	50.45	4.72	13.228	1.44
43.45	49.73	5.83	13.243	1.78
43.5	50.36	5.7	13.259	1.74
43.55	50.68	5.61	13.274	1.71
43.6	50.34	4.94	13.289	1.51
43.65	50.17	4.08	13.304	1.24
43.7	50.59	3.61	13.32	1.1
43.75	50.79	5.14	13.335	1.57
43.8	49.9	5.26	13.35	1.6
43.85	49.45	5.33	13.365	1.62
43.9	49.22	6.12	13.381	1.87
43.95	49.11	8.83	13.396	2.69
44	48.56	7.61	13.411	2.32
44.05	48.28	8.16	13.426	2.49
44.1	48.64	7.7	13.442	2.35
44.15	48.82	8.69	13.457	2.65
44.2	47.41	7.17	13.472	2.18
44.25	47.2	8.29	13.487	2.53
44.3	47.1	8.34	13.503	2.54
44.35	46.55	9.68	13.518	2.95
44.4	45.78	8.99	13.533	2.74
44.45	44.89	7.6	13.548	2.32
44.5	44.44	7.46	13.563	2.27
44.55	44.22	7.44	13.579	2.27
44.6	44.11	7.86	13.594	2.4
44.65	44.56	8.65	13.609	2.64
44.7	45.28	8.41	13.624	2.56
44.75	44.64	5.93	13.64	1.81
44.8	44.82	8.44	13.655	2.57
44.85	44.91	6.06	13.67	1.85
44.9	45.45	7.27	13.685	2.22
44.95	45.73	6.03	13.701	1.84
45	46.36	7.56	13.716	2.3
45.05	46.18	7.84	13.731	2.39
45.1	45.59	7.78	13.746	2.37
45.15	45.8	7.03	13.762	2.14
45.2	45.4	7.37	13.777	2.25
45.25	45.7	7.65	13.792	2.33
45.3	45.35	7.49	13.807	2.28
45.35	45.67	7.6	13.823	2.32
45.4	45.84	6.74	13.838	2.06
45.45	45.42	7.28	13.853	2.22
45.5	45.71	7.32	13.868	2.23

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.55	45.85	7.65	13.884	2.33
45.6	45.43	8.91	13.899	2.72
45.65	45.21	6.92	13.914	2.11
45.7	45.11	9.22	13.929	2.81
45.75	45.05	7.15	13.944	2.18
45.8	45.03	8.49	13.96	2.59
45.85	45.01	7.02	13.975	2.14
45.9	45.01	7.39	13.99	2.25
45.95	46	7.8	14.005	2.38
46	46.5	7.65	14.021	2.33
46.05	46.75	6.77	14.036	2.06
46.1	46.88	6.73	14.051	2.05
46.15	46.94	6.46	14.066	1.97
46.2	46.97	5.42	14.082	1.65
46.25	46.48	7.02	14.097	2.14
46.3	46.24	6.93	14.112	2.11
46.35	46.62	6.53	14.127	1.99
46.4	46.81	7.07	14.143	2.15
46.45	46.41	7.48	14.158	2.28
46.5	45.2	7.33	14.173	2.23
46.55	45.1	6.79	14.188	2.07
46.6	45.05	6.49	14.204	1.98
46.65	44.03	6.4	14.219	1.95
46.7	44.01	6.64	14.234	2.02
46.75	43.51	6.47	14.249	1.97
46.8	43.75	6.43	14.265	1.96
46.85	44.38	7.13	14.28	2.17
46.9	44.19	6.92	14.295	2.11
46.95	43.59	6.86	14.31	2.09
47	43.8	6.74	14.325	2.06
47.05	45.4	7.92	14.341	2.41
47.1	46.2	7.41	14.356	2.26
47.15	48.1	7.06	14.371	2.15
47.2	51.05	7.31	14.386	2.23
47.25	54.52	7.96	14.402	2.43
47.3	58.76	7.53	14.417	2.3
47.35	62.88	7.24	14.432	2.21
47.4	64.94	7.09	14.447	2.16
47.45	67.47	6.09	14.463	1.86
47.5	68.24	6.93	14.478	2.11
47.55	66.12	6.81	14.493	2.08
47.6	65.56	7.49	14.508	2.28
47.65	63.78	4.11	14.524	1.25
47.7	62.39	1.88	14.539	0.57
47.75	61.19	3.15	14.554	0.96
47.8	58.6	5.11	14.569	1.56
47.85	57.3	6.17	14.585	1.88
47.9	54.65	7.06	14.6	2.15
47.95	54.82	6.78	14.615	2.07
48	54.91	9.55	14.63	2.91
48.05	54.96	8.54	14.646	2.6
48.1	54.98	12.17	14.661	3.71
48.15	54.99	10.3	14.676	3.14
48.2	55.49	10	14.691	3.05
48.25	55.25	10.47	14.706	3.19
48.3	54.12	10.01	14.722	3.05
48.35	53.06	11.26	14.737	3.43
48.4	52.03	10.01	14.752	3.05
48.45	52.02	7.2	14.767	2.19
48.5	51.51	6.42	14.783	1.96
48.55	51.25	8.76	14.798	2.67
48.6	51.13	6.53	14.813	1.99

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.65	50.56	5.88	14.828	1.79
48.7	49.28	4.89	14.844	1.49
48.75	49.14	6.05	14.859	1.84
48.8	49.57	6.33	14.874	1.93
48.85	49.29	5.7	14.889	1.74
48.9	49.14	6.66	14.905	2.03
48.95	48.57	7.67	14.92	2.34
49	47.79	6.02	14.935	1.84
49.05	47.39	5.82	14.95	1.77
49.1	48.2	5.97	14.966	1.82
49.15	48.1	6.44	14.981	1.96
49.2	48.05	7.12	14.996	2.17
49.25	48.02	6.96	15.011	2.12
49.3	48.01	7.05	15.026	2.15
49.35	47.51	7.85	15.042	2.39
49.4	47.25	6.47	15.057	1.97
49.45	45.13	5.7	15.072	1.74
49.5	45.06	6.82	15.087	2.08
49.55	45.03	7.34	15.103	2.24
49.6	44.52	8.13	15.118	2.48
49.65	44.26	6.42	15.133	1.96
49.7	44.13	7.72	15.148	2.35
49.75	42.06	6.59	15.164	2.01
49.8	40.53	6.3	15.179	1.92
49.85	39.27	6.36	15.194	1.94
49.9	37.63	5.84	15.209	1.78
49.95	36.32	5.8	15.225	1.77
50	35.16	6.6	15.24	2.01
50.05	34.58	6	15.255	1.83
50.1	34.29	6.28	15.27	1.91
50.15	34.14	6.72	15.286	2.05
50.2	34.07	5.84	15.301	1.78
50.25	35.04	6.51	15.316	1.98
50.3	36.02	6.88	15.331	2.1
50.35	36.51	6.02	15.347	1.84
50.4	37.75	5.63	15.362	1.71
50.45	39.88	6.03	15.377	1.84
50.5	39.44	6.12	15.392	1.87
50.55	39.22	7.3	15.407	2.23
50.6	37.61	7.15	15.423	2.18
50.65	34.8	6.44	15.438	1.96
50.7	32.4	7.85	15.453	2.39
50.75	31.2	6.06	15.468	1.85
50.8	29.6	7.16	15.484	2.18
50.85	28.8	6.53	15.499	1.99
50.9	28.9	5.98	15.514	1.82
50.95	28.95	5.79	15.529	1.77
51	28.48	5.33	15.545	1.63
51.05	29.24	5.69	15.56	1.74
51.1	29.62	6.01	15.575	1.83
51.15	30.81	6.59	15.59	2.01
51.2	31.9	5.14	15.606	1.57
51.25	32.45	6.65	15.621	2.03
51.3	33.23	5.57	15.636	1.7
51.35	33.61	5.27	15.651	1.61
51.4	34.81	6.07	15.667	1.85
51.45	35.9	6.12	15.682	1.86
51.5	35.95	5.29	15.697	1.61
51.55	36.98	5.35	15.712	1.63
51.6	36.99	5.73	15.728	1.75
51.65	36.99	6.45	15.743	1.97
51.7	38	5.71	15.758	1.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.75	38.5	5.65	15.773	1.72
51.8	39.25	5.61	15.788	1.71
51.85	39.62	5.49	15.804	1.67
51.9	40.81	5.76	15.819	1.75
51.95	40.91	5.83	15.834	1.78
52	41.45	5.7	15.849	1.74
52.05	40.73	5.38	15.865	1.64
52.1	40.86	5.46	15.88	1.66
52.15	40.43	5.74	15.895	1.75
52.2	39.72	5.53	15.91	1.69
52.25	39.36	5.39	15.926	1.64
52.3	39.68	5.6	15.941	1.71
52.35	39.34	4.74	15.956	1.44
52.4	39.67	5.32	15.971	1.62
52.45	38.83	4.92	15.987	1.5
52.5	38.42	5.03	16.002	1.53
52.55	37.71	4.2	16.017	1.28
52.6	36.85	4.6	16.032	1.4
52.65	35.93	2.34	16.048	0.71
52.7	34.96	2.24	16.063	0.68
52.75	34.98	3.55	16.078	1.08
52.8	33.99	3.44	16.093	1.05
52.85	33	3.63	16.109	1.11
52.9	31.5	8.7	16.124	2.65
52.95	30.25	4.77	16.139	1.45
53	28.62	6.6	16.154	2.01
53.05	27.31	4.38	16.169	1.34
53.1	25.66	8.56	16.185	2.61
53.15	24.33	6.18	16.2	1.88
53.2	22.16	8.51	16.215	2.6
53.25	21.08	6.37	16.23	1.94
53.3	20.04	6.1	16.246	1.86
53.35	19.52	6.63	16.261	2.02
53.4	18.76	4.18	16.276	1.28
53.45	18.88	4.83	16.291	1.47
53.5	17.94	7.23	16.307	2.2
53.55	17.97	5.55	16.322	1.69
53.6	18.49	5.27	16.337	1.61
53.65	18.24	4.62	16.352	1.41
53.7	18.12	4.39	16.368	1.34
53.75	18.56	5.67	16.383	1.73
53.8	18.78	5.9	16.398	1.8
53.85	18.89	6.25	16.413	1.91
53.9	18.95	5.65	16.429	1.72
53.95	18.97	6.94	16.444	2.12
54	19.99	6.12	16.459	1.87
54.05	20.99	6.43	16.474	1.96
54.1	23	5.85	16.49	1.78
54.15	26	6.87	16.505	2.09
54.2	28.5	5.46	16.52	1.66
54.25	34.25	6.97	16.535	2.13
54.3	36.62	5.4	16.55	1.64
54.35	38.31	6.76	16.566	2.06
54.4	40.16	8.89	16.581	2.71
54.45	40.58	7.03	16.596	2.14
54.5	40.29	6.32	16.611	1.93
54.55	39.14	8.28	16.627	2.52
54.6	39.07	7.1	16.642	2.16
54.65	39.04	8	16.657	2.44
54.7	38.52	6.14	16.672	1.87
54.75	37.76	7.47	16.688	2.28
54.8	37.38	6.02	16.703	1.83

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54.85	37.19	4.82	16.718	1.47
54.9	36.59	5.83	16.733	1.78
54.95	36.3	4.9	16.749	1.49
55	36.65	5.97	16.764	1.82
55.05	36.82	5.73	16.779	1.75
55.1	36.41	5.54	16.794	1.69
55.15	36.71	5.43	16.81	1.65
55.2	36.85	5.25	16.825	1.6
55.25	37.43	5.76	16.84	1.76
55.3	38.21	6.06	16.855	1.85
55.35	38.61	5.95	16.871	1.81
55.4	38.8	6.66	16.886	2.03
55.45	39.4	6.84	16.901	2.09
55.5	40.2	6.37	16.916	1.94
55.55	40.1	6.31	16.931	1.92
55.6	40.55	6.35	16.947	1.94
55.65	40.78	6.22	16.962	1.9
55.7	41.39	7.62	16.977	2.32
55.75	42.19	6.98	16.992	2.13
55.8	43.1	5.91	17.008	1.8
55.85	44.05	6.16	17.023	1.88
55.9	44.52	5.67	17.038	1.73
55.95	44.26	5.79	17.053	1.76
56	44.63	5.34	17.069	1.63
56.05	42.82	4.98	17.084	1.52
56.1	41.41	5.13	17.099	1.56
56.15	41.2	4.77	17.114	1.45
56.2	39.1	4.7	17.13	1.43
56.25	38.05	5.17	17.145	1.58
56.3	36.03	5.5	17.16	1.68
56.35	34.01	4.85	17.175	1.48
56.4	33.51	5.29	17.191	1.61
56.45	32.25	6.45	17.206	1.97
56.5	32.13	5.76	17.221	1.76
56.55	33.06	5.65	17.236	1.72
56.6	33.03	5.49	17.252	1.67
56.65	33.02	5.43	17.267	1.66
56.7	34.51	4.7	17.282	1.43
56.75	35.75	5.26	17.297	1.6
56.8	36.88	5.65	17.312	1.72
56.85	37.44	5.61	17.328	1.71
56.9	38.72	5.43	17.343	1.65
56.95	40.36	5.24	17.358	1.6
57	42.18	5.49	17.373	1.67
57.05	43.59	6.05	17.389	1.84
57.1	45.29	6.03	17.404	1.84
57.15	45.15	6.24	17.419	1.9
57.2	44.07	6.14	17.434	1.87
57.25	44.54	6.76	17.45	2.06
57.3	43.77	6.15	17.465	1.88
57.35	42.88	6.27	17.48	1.91
57.4	42.44	6.19	17.495	1.89
57.45	41.22	5.92	17.511	1.81
57.5	41.11	6.64	17.526	2.02
57.55	41.56	6.19	17.541	1.89
57.6	40.78	6.73	17.556	2.05
57.65	40.89	5.58	17.572	1.7
57.7	41.44	3.31	17.587	1.01
57.75	42.72	4.65	17.602	1.42
57.8	42.86	4.07	17.617	1.24
57.85	43.43	5.36	17.632	1.63
57.9	44.72	6.34	17.648	1.93

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57.95	45.86	5.97	17.663	1.82
58	46.43	7.96	17.678	2.43
58.05	46.21	7.71	17.693	2.35
58.1	46.61	7	17.709	2.13
58.15	46.3	6.96	17.724	2.12
58.2	45.65	7.27	17.739	2.22
58.25	44.33	6.91	17.754	2.11
58.3	43.66	5.05	17.77	1.54
58.35	42.33	6.18	17.785	1.88
58.4	41.17	4.23	17.8	1.29
58.45	39.58	4.04	17.815	1.23
58.5	36.79	7.44	17.831	2.27
58.55	35.4	6.04	17.846	1.84
58.6	33.7	4.79	17.861	1.46
58.65	32.35	4.14	17.876	1.26
58.7	31.17	3.1	17.892	0.94
58.75	30.09	4.51	17.907	1.37
58.8	28.54	4.4	17.922	1.34
58.85	27.77	4.06	17.937	1.24
58.9	26.89	4.59	17.953	1.4
58.95	25.94	6.17	17.968	1.88
59	25.47	4.22	17.983	1.29
59.05	25.24	5.21	17.998	1.59
59.1	25.12	5.7	18.013	1.74
59.15	24.56	9.61	18.029	2.93
59.2	24.28	4.57	18.044	1.39
59.25	25.14	6.52	18.059	1.99
59.3	25.07	4.7	18.074	1.43
59.35	25.53	8.7	18.09	2.65
59.4	25.77	5.43	18.105	1.65
59.45	25.88	4.74	18.12	1.44
59.5	26.44	4.94	18.135	1.51
59.55	26.72	5.38	18.151	1.64
59.6	27.36	6.46	18.166	1.97
59.65	27.68	5.68	18.181	1.73
59.7	28.84	5.47	18.196	1.67
59.75	28.92	4.73	18.212	1.44
59.8	28.96	4.91	18.227	1.5
59.85	29.48	5.88	18.242	1.79
59.9	29.74	4.72	18.257	1.44
59.95	29.87	3.85	18.273	1.17
60	29.94	5.49	18.288	1.67
60.05	30.47	4.56	18.303	1.39
60.1	30.73	4.15	18.318	1.26
60.15	31.37	4.41	18.334	1.34
60.2	31.18	4.75	18.349	1.45
60.25	30.59	4.22	18.364	1.29
60.3	30.8	4.19	18.379	1.28
60.35	30.4	4.35	18.394	1.33
60.4	29.7	5.42	18.41	1.65
60.45	28.35	4.92	18.425	1.5
60.5	27.17	4.24	18.44	1.29
60.55	26.09	5.22	18.455	1.59
60.6	25.54	6.27	18.471	1.91
60.65	24.77	4.86	18.486	1.48
60.7	24.39	5.3	18.501	1.62
60.75	23.69	4.63	18.516	1.41
60.8	23.35	5.12	18.532	1.56
60.85	22.67	4.16	18.547	1.27
60.9	22.84	4.88	18.562	1.49
60.95	22.42	4.46	18.577	1.36
61	21.71	3.86	18.593	1.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.05	21.85	4.29	18.608	1.31
61.1	21.93	4.32	18.623	1.32
61.15	21.96	4.51	18.638	1.37
61.2	22.48	3.8	18.654	1.16
61.25	22.74	5.18	18.669	1.58
61.3	22.87	5.05	18.684	1.54
61.35	22.94	5.38	18.699	1.64
61.4	23.47	4.92	18.715	1.5
61.45	24.23	5.46	18.73	1.67
61.5	25.12	4.95	18.745	1.51
61.55	25.06	4.95	18.76	1.51
61.6	25.03	6.56	18.775	2
61.65	25.01	5.03	18.791	1.53
61.7	24.51	4.63	18.806	1.41
61.75	24.25	5.01	18.821	1.53
61.8	23.63	4.91	18.836	1.5
61.85	23.81	5.34	18.852	1.63
61.9	22.91	5.11	18.867	1.56
61.95	22.45	6.06	18.882	1.85
62	21.73	5.4	18.897	1.65
62.05	21.36	4.84	18.913	1.47
62.1	22.18	6.57	18.928	2
62.15	22.09	5.19	18.943	1.58
62.2	22.05	4.66	18.958	1.42
62.25	22.02	5.27	18.974	1.61
62.3	21.51	4.59	18.989	1.4
62.35	21.76	4.42	19.004	1.35
62.4	21.88	4.83	19.019	1.47
62.45	21.94	3.93	19.035	1.2
62.5	21.47	4.53	19.05	1.38
62.55	21.73	4.54	19.065	1.39
62.6	21.87	4.02	19.08	1.23
62.65	22.43	0	19.096	0
62.7	22.22	7.62	19.111	2.32
62.75	22.11	3.86	19.126	1.18
62.8	22.05	4.37	19.141	1.33
62.85	21.53	4.03	19.156	1.23
62.9	21.26	5.13	19.172	1.56
62.95	21.63	4.96	19.187	1.51
63	22.32	7.37	19.202	2.25
63.05	22.66	6.42	19.217	1.96
63.1	22.83	6.88	19.233	2.1
63.15	22.91	4.68	19.248	1.43
63.2	21.96	8.19	19.263	2.5
63.25	20.98	5.27	19.278	1.61
63.3	19.99	4.27	19.294	1.3
63.35	19.49	5.65	19.309	1.72
63.4	18.25	8.19	19.324	2.5
63.45	17.62	4.13	19.339	1.26
63.5	16.81	2.4	19.355	0.73
63.55	16.91	3.75	19.37	1.14
63.6	15.95	3.79	19.385	1.15
63.65	14.98	3.08	19.4	0.94
63.7	14.49	2.38	19.416	0.73
63.75	14.24	3.57	19.431	1.09
63.8	13.62	3.77	19.446	1.15
63.85	13.31	2.99	19.461	0.91
63.9	13.16	2.81	19.477	0.86
63.95	12.58	3.64	19.492	1.11
64	11.29	3.5	19.507	1.07
64.05	11.14	3.9	19.522	1.19
64.1	10.57	2.73	19.537	0.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.15	10.79	5.15	19.553	1.57
64.2	9.89	2.92	19.568	0.89
64.25	8.95	2.56	19.583	0.78
64.3	8.97	3.28	19.598	1
64.35	7.99	7.1	19.614	2.16
64.4	7.99	4.52	19.629	1.38
64.45	7.5	3.53	19.644	1.08
64.5	6.75	4.31	19.659	1.31
64.55	6.37	4.84	19.675	1.47
64.6	6.19	3.33	19.69	1.01
64.65	6.09	3.9	19.705	1.19
64.7	5.55	4.42	19.72	1.35
64.75	5.77	2.09	19.736	0.64
64.8	5.89	3.72	19.751	1.13
64.85	5.94	2.81	19.766	0.86
64.9	5.97	2.38	19.781	0.73
64.95	5.99	2.16	19.797	0.66
65	5.49	3.45	19.812	1.05
65.05	5.75	3.93	19.827	1.2
65.1	5.87	3.39	19.842	1.03
65.15	5.94	4.12	19.858	1.25
65.2	5.97	3.73	19.873	1.14
65.25	5.98	3.44	19.888	1.05
65.3	5.99	4.39	19.903	1.34
65.35	6	2.86	19.918	0.87
65.4	6	3.94	19.934	1.2
65.45	5.5	3	19.949	0.91
65.5	5.25	3.53	19.964	1.07
65.55	5.12	3.88	19.979	1.18
65.6	5.06	3.38	19.995	1.03
65.65	5.03	3.84	20.01	1.17
65.7	5.02	5.59	20.025	1.7
65.75	5.51	4.14	20.04	1.26
65.8	5.25	4.33	20.056	1.32
65.85	5.63	3.15	20.071	0.96
65.9	5.81	3.15	20.086	0.96
65.95	5.41	3.98	20.101	1.21
66	5.2	3.31	20.117	1.01
66.05	5.1	2.56	20.132	0.78
66.1	5.05	3.51	20.147	1.07
66.15	5.03	3.05	20.162	0.93
66.2	5.01	3.55	20.178	1.08
66.25	5.01	2.93	20.193	0.89
66.3	5.5	2.75	20.208	0.84
66.35	5.75	3.13	20.223	0.96
66.4	5.88	3.64	20.239	1.11
66.45	5.94	2.73	20.254	0.83
66.5	5.97	2.53	20.269	0.77
66.55	5.98	2.91	20.284	0.89
66.6	5.49	2.75	20.3	0.84
66.65	5.25	2.71	20.315	0.83
66.7	5.62	2.9	20.33	0.89
66.75	5.81	2.53	20.345	0.77
66.8	5.41	3.59	20.36	1.09
66.85	5.2	3.98	20.376	1.21
66.9	5.6	2.74	20.391	0.83
66.95	5.3	2.93	20.406	0.89
67	5.15	3.26	20.421	0.99
67.05	5.58	3.54	20.437	1.08
67.1	5.79	2.56	20.452	0.78
67.15	5.39	2.55	20.467	0.78
67.2	5.2	2.56	20.482	0.78

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67.25	5.1	2.65	20.498	0.81
67.3	5.05	3.34	20.513	1.02
67.35	5.02	2.6	20.528	0.79
67.4	5.01	2.72	20.543	0.83
67.45	5.51	2.06	20.559	0.63
67.5	4.75	2.19	20.574	0.67
67.55	4.88	2.25	20.589	0.68
67.6	4.44	2.61	20.604	0.8
67.65	4.72	0.35	20.62	0.11
67.7	5.36	3.05	20.635	0.93
67.75	5.68	2.18	20.65	0.66
67.8	5.84	2.32	20.665	0.71
67.85	5.92	2.42	20.681	0.74
67.9	5.46	4.34	20.696	1.32
67.95	4.73	3.48	20.711	1.06
68	4.86	3.24	20.726	0.99
68.05	5.43	2.6	20.742	0.79
68.1	4.72	6.75	20.757	2.06
68.15	5.36	3.27	20.772	1
68.2	4.68	3.68	20.787	1.12
68.25	4.34	6.46	20.802	1.97
68.3	5.17	5.66	20.818	1.72
68.35	4.58	4.36	20.833	1.33
68.4	4.79	5.16	20.848	1.57
68.45	4.9	5.3	20.863	1.62
68.5	4.95	3.23	20.879	0.98
68.55	4.47	5.5	20.894	1.68
68.6	4.24	4.96	20.909	1.51
68.65	5.12	5.21	20.924	1.59
68.7	5.56	2.7	20.94	0.82
68.75	5.28	4.29	20.955	1.31
68.8	5.64	4	20.97	1.22
68.85	5.32	3.22	20.985	0.98
68.9	5.16	1.78	21.001	0.54
68.95	6.58	3.25	21.016	0.99
69	6.79	2.55	21.031	0.78
69.05	5.89	3.07	21.046	0.93
69.1	5.95	3.08	21.062	0.94
69.15	5.47	3.7	21.077	1.13
69.2	5.74	3.59	21.092	1.1
69.25	4.87	3.79	21.107	1.15
69.3	4.43	2.83	21.123	0.86
69.35	4.72	5.88	21.138	1.79
69.4	4.86	4.32	21.153	1.32
69.45	4.43	4.01	21.168	1.22
69.5	4.71	3.76	21.183	1.15
69.55	4.86	6.44	21.199	1.96
69.6	5.43	3.11	21.214	0.95
69.65	5.71	3.22	21.229	0.98
69.7	6.36	4.43	21.244	1.35
69.75	6.18	6.44	21.26	1.96
69.8	6.09	4.06	21.275	1.24
69.85	6.04	5.92	21.29	1.8
69.9	6.02	4.12	21.305	1.26
69.95	7.01	2.09	21.321	0.64
70	7.01	2.47	21.336	0.75
70.05	7.5	2.19	21.351	0.67
70.1	8.25	2.12	21.366	0.65
70.15	7.63	1.25	21.382	0.38
70.2	6.81	2.61	21.397	0.8
70.25	6.41	2.48	21.412	0.75
70.3	7.2	2.25	21.427	0.69

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.35	7.1	2.57	21.443	0.78
70.4	7.55	3.74	21.458	1.14
70.45	6.28	1.98	21.473	0.6
70.5	6.14	2.9	21.488	0.88
70.55	5.57	1.86	21.504	0.57
70.6	5.28	2.38	21.519	0.72
70.65	4.64	2.2	21.534	0.67
70.7	5.32	2.2	21.549	0.67
70.75	5.66	3.33	21.565	1.02
70.8	6.33	4.05	21.58	1.23
70.85	6.17	2.57	21.595	0.78
70.9	5.58	2.33	21.61	0.71
70.95	5.29	2.57	21.625	0.78
71	5.15	2.42	21.641	0.74
71.05	5.07	1.75	21.656	0.53
71.1	5.04	1.82	21.671	0.56
71.15	5.52	1.81	21.686	0.55
71.2	5.76	1.91	21.702	0.58
71.25	5.38	2.17	21.717	0.66
71.3	5.19	2.42	21.732	0.74
71.35	5.09	2.1	21.747	0.64
71.4	5.05	1.56	21.763	0.47
71.45	5.02	1.91	21.778	0.58
71.5	5.51	2.2	21.793	0.67
71.55	4.76	1.73	21.808	0.53
71.6	5.38	2.02	21.824	0.62
71.65	5.69	1.77	21.839	0.54
71.7	5.34	1.9	21.854	0.58
71.75	4.67	1.97	21.869	0.6
71.8	5.34	2.26	21.885	0.69
71.85	5.17	1.58	21.9	0.48
71.9	4.58	1.63	21.915	0.5
71.95	4.79	2.07	21.93	0.63
72	4.9	1.63	21.946	0.5
72.05	4.45	2.02	21.961	0.62
72.1	4.72	1.95	21.976	0.59
72.15	5.36	1.9	21.991	0.58
72.2	5.18	2.2	22.007	0.67
72.25	5.59	1.85	22.022	0.56
72.3	5.8	1.82	22.037	0.55
72.35	5.4	2.22	22.052	0.68
72.4	4.7	1.78	22.067	0.54
72.45	5.35	2.31	22.083	0.7
72.5	5.67	1.37	22.098	0.42
72.55	4.34	1.32	22.113	0.4
72.6	5.17	1.77	22.128	0.54
72.65	5.08	1.57	22.144	0.48
72.7	6.54	2.46	22.159	0.75
72.75	5.27	3.95	22.174	1.2
72.8	6.64	1.79	22.189	0.54
72.85	5.82	0.79	22.205	0.24
72.9	6.91	0.91	22.22	0.28
72.95	7.45	0.74	22.235	0.22
73	6.73	1.68	22.25	0.51
73.05	5.86	1.35	22.266	0.41
73.1	5.93	3.64	22.281	1.11
73.15	5.47	1.41	22.296	0.43
73.2	5.23	2.7	22.311	0.82
73.25	4.62	1.1	22.327	0.34
73.3	4.31	4.21	22.342	1.28
73.35	4.65	1.38	22.357	0.42
73.4	5.33	3	22.372	0.92

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.45	3.66	2.33	22.388	0.71
73.5	3.33	2.35	22.403	0.72
73.55	3.67	2.57	22.418	0.78
73.6	3.33	2.25	22.433	0.69
73.65	3.17	2.96	22.448	0.9
73.7	3.58	3.42	22.464	1.04
73.75	2.29	1.9	22.479	0.58
73.8	3.15	3.23	22.494	0.98
73.85	3.07	1.85	22.509	0.56
73.9	3.54	4.53	22.525	1.38
73.95	3.27	4.02	22.54	1.23
74	4.13	4.53	22.555	1.38
74.05	3.57	1.8	22.57	0.55
74.1	3.78	1.17	22.586	0.36
74.15	2.39	1.94	22.601	0.59
74.2	3.7	1.19	22.616	0.36
74.25	4.85	1.57	22.631	0.48
74.3	4.42	2.64	22.647	0.81
74.35	4.21	3.56	22.662	1.09
74.4	3.11	2	22.677	0.61
74.45	3.05	1.76	22.692	0.54
74.5	5.03	1.78	22.708	0.54
74.55	4.51	4.02	22.723	1.22
74.6	3.76	2.14	22.738	0.65
74.65	3.88	2.5	22.753	0.76
74.7	3.94	1.88	22.769	0.57
74.75	6.97	2.7	22.784	0.82
74.8	4.98	3.1	22.799	0.94
74.85	5.99	3.35	22.814	1.02
74.9	6	4.08	22.83	1.24
74.95	5.5	3.47	22.845	1.06
75	4.25	3.46	22.86	1.05
75.05	2.62	3.62	22.875	1.1
75.1	4.31	3.59	22.89	1.09
75.15	5.66	1.87	22.906	0.57
75.2	5.83	2.8	22.921	0.85
75.25	6.91	3.66	22.936	1.11
75.3	5.96	3.25	22.951	0.99
75.35	5.48	2.59	22.967	0.79
75.4	7.24	2.69	22.982	0.82
75.45	6.12	2.08	22.997	0.63
75.5	7.06	2.26	23.012	0.69
75.55	8.53	2.6	23.028	0.79
75.6	8.76	2.43	23.043	0.74
75.65	10.38	2.97	23.058	0.91
75.7	9.69	2.95	23.073	0.9
75.75	8.85	3.27	23.089	1
75.8	9.42	3.66	23.104	1.11
75.85	7.21	2.09	23.119	0.64
75.9	9.11	2.33	23.134	0.71
75.95	11.05	2.29	23.15	0.7
76	12.03	2.75	23.165	0.84
76.05	12.51	2.01	23.18	0.61
76.1	11.76	2.19	23.195	0.67
76.15	12.38	2.19	23.211	0.67
76.2	11.69	3.61	23.226	1.1
76.25	11.84	2	23.241	0.61
76.3	11.42	2.27	23.256	0.69
76.35	8.71	2.54	23.271	0.77
76.4	8.36	1.28	23.287	0.39
76.45	7.68	1.97	23.302	0.6
76.5	6.84	1.98	23.317	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
76.55	5.92	1.73	23.332	0.53
76.6	4.96	1.43	23.348	0.44
76.65	4.48	1.63	23.363	0.5
76.7	3.24	1.79	23.378	0.55
76.75	3.62	2.03	23.393	0.62
76.8	5.81	1.48	23.409	0.45
76.85	5.9	1.56	23.424	0.48
76.9	6.45	1.36	23.439	0.41
76.95	5.23	1.56	23.454	0.47
77	7.61	1.98	23.47	0.6
77.05	5.31	1.77	23.485	0.54
77.1	7.65	2.01	23.5	0.61
77.15	8.33	2.12	23.515	0.65
77.2	7.16	2.17	23.531	0.66
77.25	8.08	2.61	23.546	0.8
77.3	6.04	2.73	23.561	0.83
77.35	7.02	2.74	23.576	0.83
77.4	7.01	2.02	23.592	0.62
77.45	8.01	3.33	23.607	1.01
77.5	6	2.88	23.622	0.88
77.55	7	3.08	23.637	0.94
77.6	7.5	2.49	23.653	0.76
77.65	8.75	3.1	23.668	0.95
77.7	7.38	3.67	23.683	1.12
77.75	7.19	4.28	23.698	1.31
77.8	6.59	3.89	23.713	1.18
77.85	7.8	6.25	23.729	1.9
77.9	8.4	5.25	23.744	1.6
77.95	8.2	2.91	23.759	0.89
78	9.1	3.28	23.774	1
78.05	13.05	3.04	23.79	0.93
78.1	12.02	4.8	23.805	1.46
78.15	15.01	3.88	23.82	1.18
78.2	19.51	5	23.835	1.53
78.25	19.75	3.39	23.851	1.03
78.3	15.88	7.52	23.866	2.29
78.35	19.44	4.38	23.881	1.34
78.4	17.72	5.02	23.896	1.53
78.45	20.86	4.34	23.912	1.32
78.5	23.93	7.09	23.927	2.16
78.55	22.46	5.01	23.942	1.53
78.6	21.23	3.99	23.957	1.22
78.65	24.12	3.54	23.973	1.08
78.7	20.56	3.09	23.988	0.94
78.75	18.78	4.57	24.003	1.39
78.8	22.39	2.32	24.018	0.71
78.85	24.69	4.04	24.034	1.23
78.9	21.85	7.57	24.049	2.31
78.95	20.42	4.3	24.064	1.31
79	22.21	2.31	24.079	0.7
79.05	20.11	2.6	24.095	0.79
79.1	17.55	1.2	24.11	0.37
79.15	13.28	1.91	24.125	0.58
79.2	11.14	1.19	24.14	0.36
79.25	12.07	1.27	24.155	0.39
79.3	11.53	1.08	24.171	0.33
79.35	11.27	1.53	24.186	0.47
79.4	10.13	0.92	24.201	0.28
79.45	11.07	1.1	24.216	0.34
79.5	12.53	0.82	24.232	0.25
79.55	15.77	2.02	24.247	0.62
79.6	15.88	0.66	24.262	0.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.65	19.94	0.61	24.277	0.19
79.7	16.97	0.77	24.293	0.24
79.75	14.99	1.06	24.308	0.32
79.8	14.99	0.95	24.323	0.29
79.85	15	1.49	24.338	0.45
79.9	12.5	1.54	24.354	0.47
79.95	9.25	2	24.369	0.61
80	10.12	1.63	24.384	0.5
80.05	9.06	1.32	24.399	0.4
80.1	7.53	1.4	24.415	0.43
80.15	6.77	1.32	24.43	0.4
80.2	7.38	1.08	24.445	0.33
80.25	6.69	0.98	24.46	0.3
80.3	5.85	0.69	24.476	0.21
80.35	6.42	1.25	24.491	0.38
80.4	6.21	1.2	24.506	0.37
80.45	6.11	0.55	24.521	0.17
80.5	6.55	0.66	24.536	0.2
80.55	6.78	0.64	24.552	0.19
80.6	5.89	0.79	24.567	0.24
80.65	6.44	0.85	24.582	0.26
80.7	6.22	0.76	24.597	0.23
80.75	6.11	0.52	24.613	0.16
80.8	6.06	0.82	24.628	0.25
80.85	6.53	0.51	24.643	0.15
80.9	6.26	0.48	24.658	0.15
80.95	6.63	0.43	24.674	0.13
81	6.32	1.47	24.689	0.45
81.05	5.66	0.82	24.704	0.25
81.1	7.33	0.91	24.719	0.28
81.15	7.66	0.48	24.735	0.15
81.2	7.33	1.51	24.75	0.46
81.25	7.67	0.72	24.765	0.22
81.3	7.33	0.52	24.78	0.16
81.35	6.67	0.89	24.796	0.27
81.4	7.33	0.91	24.811	0.28
81.45	8.17	0.5	24.826	0.15
81.5	7.58	1.24	24.841	0.38
81.55	6.79	0.47	24.857	0.14
81.6	6.4	0.44	24.872	0.13
81.65	7.2	0.81	24.887	0.25
81.7	6.6	0.77	24.902	0.23
81.75	6.3	0.5	24.918	0.15
81.8	6.65	0.46	24.933	0.14
81.85	7.32	0.51	24.948	0.16
81.9	7.16	0.55	24.963	0.17
81.95	6.08	0.55	24.978	0.17
82	7.04	0.65	24.994	0.2
82.05	6.52	0.95	25.009	0.29
82.1	5.76	0.61	25.024	0.19
82.15	5.88	0.68	25.039	0.21
82.2	5.94	1.01	25.055	0.31
82.25	5.97	0.7	25.07	0.21
82.3	5.49	0.76	25.085	0.23
82.35	5.74	0.78	25.1	0.24
82.4	5.37	0.87	25.116	0.26
82.45	5.19	1.16	25.131	0.35
82.5	5.09	0.73	25.146	0.22
82.55	6.05	0.79	25.161	0.24
82.6	6.02	1.05	25.177	0.32
82.65	5.51	1.62	25.192	0.49
82.7	5.26	1.26	25.207	0.39

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.75	5.13	1.05	25.222	0.32
82.8	5.06	2.56	25.238	0.78
82.85	5.03	0.89	25.253	0.27
82.9	5.52	1.3	25.268	0.4
82.95	5.26	0.7	25.283	0.21
83	5.13	0.43	25.299	0.13
83.05	5.06	0.56	25.314	0.17
83.1	5.03	1.95	25.329	0.6
83.15	5.52	0.6	25.344	0.18
83.2	5.26	0.55	25.36	0.17
83.25	5.63	0.94	25.375	0.29
83.3	5.81	1.54	25.39	0.47
83.35	5.91	0.46	25.405	0.14
83.4	5.95	0.68	25.42	0.21
83.45	5.48	0.44	25.436	0.14
83.5	5.24	1.11	25.451	0.34
83.55	5.12	0.91	25.466	0.28
83.6	4.56	1.02	25.481	0.31
83.65	4.28	2.05	25.497	0.63
83.7	4.14	1.42	25.512	0.43
83.75	4.07	2.33	25.527	0.71
83.8	4.53	1.67	25.542	0.51
83.85	4.77	2.76	25.558	0.84
83.9	4.38	1.95	25.573	0.59
83.95	5.19	1.45	25.588	0.44
84	5.1	2.05	25.603	0.62
84.05	5.05	1.42	25.619	0.43
84.1	4.52	0.55	25.634	0.17
84.15	4.26	1.29	25.649	0.39
84.2	4.63	0.65	25.664	0.2
84.25	4.32	0.41	25.68	0.12
84.3	4.66	0.54	25.695	0.16
84.35	4.83	0.54	25.71	0.16
84.4	5.41	0.74	25.725	0.23
84.45	5.71	0.69	25.741	0.21
84.5	5.85	0.36	25.756	0.11
84.55	6.43	0.52	25.771	0.16
84.6	6.21	0.65	25.786	0.2
84.65	6.11	0.46	25.801	0.14
84.7	5.55	0.41	25.817	0.12
84.75	5.28	1.85	25.832	0.56
84.8	5.64	0.68	25.847	0.21
84.85	5.32	1.83	25.862	0.56
84.9	5.16	1.09	25.878	0.33
84.95	5.08	0.98	25.893	0.3
85	5.54	1.33	25.908	0.4
85.05	5.27	1.14	25.923	0.35
85.1	5.13	1.19	25.939	0.36
85.15	5.07	1.38	25.954	0.42
85.2	5.53	0.63	25.969	0.19
85.25	5.27	0.97	25.984	0.3
85.3	5.13	0.99	26	0.3
85.35	5.07	1.18	26.015	0.36
85.4	5.03	0.89	26.03	0.27
85.45	5.02	0.42	26.045	0.13
85.5	5.01	0.55	26.061	0.17
85.55	5	0.65	26.076	0.2
85.6	4.5	0.63	26.091	0.19
85.65	5.25	0.77	26.106	0.23
85.7	5.13	0.92	26.122	0.28
85.75	5.06	0.59	26.137	0.18
85.8	5.03	1.05	26.152	0.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.85	5.02	1.05	26.167	0.32
85.9	5.51	0.89	26.183	0.27
85.95	5.75	1.35	26.198	0.41
86	5.88	1.91	26.213	0.58
86.05	5.44	1.34	26.228	0.41
86.1	5.72	1.56	26.243	0.48
86.15	5.36	1.66	26.259	0.51
86.2	6.18	2.15	26.274	0.66
86.25	6.09	2.6	26.289	0.79
86.3	6.04	2.24	26.304	0.68
86.35	6.52	2.35	26.32	0.72
86.4	6.26	2.15	26.335	0.66
86.45	5.63	2.01	26.35	0.61
86.5	5.82	3.62	26.365	1.1
86.55	5.91	1.77	26.381	0.54
86.6	5.45	1.74	26.396	0.53
86.65	4.73	1.89	26.411	0.58
86.7	4.86	1.68	26.426	0.51
86.75	4.43	2.13	26.442	0.65
86.8	4.22	1.39	26.457	0.42
86.85	4.11	1.47	26.472	0.45
86.9	4.05	1.66	26.487	0.5
86.95	4.03	1.44	26.503	0.44
87	3.51	1.94	26.518	0.59
87.05	3.76	1.54	26.533	0.47
87.1	3.88	1.56	26.548	0.48
87.15	4.44	1.51	26.564	0.46
87.2	4.72	1.17	26.579	0.36
87.25	4.86	1.48	26.594	0.45
87.3	4.43	1.58	26.609	0.48
87.35	4.21	1.13	26.625	0.34
87.4	5.11	1.22	26.64	0.37
87.45	6.05	1.31	26.655	0.4
87.5	6.53	1.14	26.67	0.35
87.55	6.26	1.37	26.685	0.42
87.6	5.63	2.24	26.701	0.68
87.65	4.82	2.79	26.716	0.85
87.7	4.91	3	26.731	0.92
87.75	4.95	2.93	26.746	0.89
87.8	4.48	3.04	26.762	0.93
87.85	4.74	2.2	26.777	0.67
87.9	4.37	1.75	26.792	0.53
87.95	4.18	2.29	26.807	0.7
88	4.09	2.75	26.823	0.84
88.05	4.55	2.16	26.838	0.66
88.1	4.77	2.72	26.853	0.83
88.15	4.39	0.98	26.868	0.3
88.2	4.69	1.89	26.884	0.58
88.25	4.35	0.75	26.899	0.23
88.3	4.17	1.9	26.914	0.58
88.35	4.09	1.42	26.929	0.43
88.4	4.04	1.27	26.945	0.39
88.45	4.02	1.11	26.96	0.34
88.5	4.51	2.36	26.975	0.72
88.55	4.26	1.38	26.99	0.42
88.6	4.13	0.87	27.006	0.26
88.65	4.56	0.87	27.021	0.26
88.7	4.28	2.93	27.036	0.89
88.75	4.64	1.15	27.051	0.35
88.8	4.32	5.54	27.066	1.69
88.85	4.16	1.44	27.082	0.44
88.9	4.58	3.72	27.097	1.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
88.95	4.79	2.43	27.112	0.74
89	4.9	3.1	27.127	0.95
89.05	4.95	3.3	27.143	1.01
89.1	4.97	3.56	27.158	1.08
89.15	4.99	3.27	27.173	1
89.2	4.99	3.81	27.188	1.16
89.25	5	2.14	27.204	0.65
89.3	5	3.32	27.219	1.01
89.35	5	1.77	27.234	0.54
89.4	5	1.69	27.249	0.51
89.45	5	1.39	27.265	0.42
89.5	5	0.59	27.28	0.18
89.55	5	1.92	27.295	0.58
89.6	4.5	1.28	27.31	0.39
89.65	4.75	1.59	27.326	0.49
89.7	4.87	2.16	27.341	0.66
89.75	4.44	2.52	27.356	0.77
89.8	4.72	1.57	27.371	0.48
89.85	4.86	2.41	27.387	0.73
89.9	4.93	1.48	27.402	0.45
89.95	4.96	2.95	27.417	0.9
90	4.98	1.53	27.432	0.47
90.05	4.99	1.9	27.448	0.58
90.1	5.5	1.78	27.463	0.54
90.15	5.75	2.71	27.478	0.83
90.2	5.87	1.93	27.493	0.59
90.25	5.44	2.07	27.508	0.63
90.3	5.72	3.35	27.524	1.02
90.35	5.36	1.61	27.539	0.49
90.4	5.18	2.13	27.554	0.65
90.45	6.09	2.21	27.569	0.67
90.5	6.04	1.94	27.585	0.59
90.55	5.02	1.03	27.6	0.31
90.6	5.01	1.34	27.615	0.41
90.65	5.01	2.58	27.63	0.79
90.7	5	1.62	27.646	0.5
90.75	4.5	2.34	27.661	0.71
90.8	4.75	1.66	27.676	0.5
90.85	4.88	1.74	27.691	0.53
90.9	4.94	1.81	27.707	0.55
90.95	5.47	2.12	27.722	0.65
91	5.23	2.89	27.737	0.88
91.05	5.12	1.87	27.752	0.57
91.1	5.06	2.28	27.768	0.7
91.15	5.03	2.05	27.783	0.62
91.2	4.51	2.05	27.798	0.62
91.25	4.76	1.91	27.813	0.58
91.3	4.88	3.15	27.829	0.96
91.35	4.94	2.82	27.844	0.86
91.4	4.47	3.67	27.859	1.12
91.45	4.73	4.04	27.874	1.23
91.5	4.87	2.38	27.889	0.73
91.55	4.43	3.18	27.905	0.97
91.6	4.22	3.58	27.92	1.09
91.65	3.61	4	27.935	1.22
91.7	3.8	3.68	27.95	1.12
91.75	3.4	3.25	27.966	0.99
91.8	3.2	4.13	27.981	1.26
91.85	3.1	3.1	27.996	0.94
91.9	3.05	2.77	28.011	0.84
91.95	3.03	3.48	28.027	1.06
92	3.01	2.87	28.042	0.87

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92.05	3.01	2.71	28.057	0.82
92.1	3	2.63	28.072	0.8
92.15	3	3.5	28.088	1.07
92.2	7	3.36	28.103	1.02
92.25	10.5	4.21	28.118	1.28
92.3	11.75	3.31	28.133	1.01
92.35	17.88	3.36	28.149	1.02
92.4	24.44	3.19	28.164	0.97
92.45	27.72	2.94	28.179	0.9
92.5	26.86	2.5	28.194	0.76
92.55	26.43	3.24	28.21	0.99
92.6	26.21	1.91	28.225	0.58
92.65	25.11	3.61	28.24	1.1
92.7	24.05	5.81	28.255	1.77
92.75	23.53	3.59	28.271	1.09
92.8	23.26	4.19	28.286	1.28
92.85	22.63	4.14	28.301	1.26
92.9	22.82	6.56	28.316	2
92.95	22.41	5.99	28.331	1.83
93	22.7	3.3	28.347	1.01
93.05	23.35	8.48	28.362	2.58
93.1	23.68	5.56	28.377	1.69
93.15	24.34	5.31	28.392	1.62
93.2	25.17	4.52	28.408	1.38
93.25	25.08	8.72	28.423	2.66
93.3	25.04	5.01	28.438	1.53
93.35	24.52	2.86	28.453	0.87
93.4	24.76	3.75	28.469	1.14
93.45	24.88	3.69	28.484	1.12
93.5	24.94	3.83	28.499	1.17
93.55	25.47	3.76	28.514	1.14
93.6	25.74	3.94	28.53	1.2
93.65	25.37	4.57	28.545	1.39
93.7	26.18	4.64	28.56	1.41
93.75	25.59	3.63	28.575	1.11
93.8	24.8	3.32	28.591	1.01
93.85	24.9	3.23	28.606	0.99
93.9	24.95	7.83	28.621	2.39
93.95	24.97	4.73	28.636	1.44
94	22.99	3.38	28.652	1.03
94.05	21.49	6.31	28.667	1.92
94.1	19.75	4.01	28.682	1.22
94.15	17.87	7.04	28.697	2.15
94.2	14.94	4.31	28.713	1.31
94.25	12.97	4.89	28.728	1.49
94.3	10.98	3.78	28.743	1.15
94.35	9.99	2.76	28.758	0.84
94.4	9.5	2.32	28.773	0.71
94.45	8.75	2.38	28.789	0.73
94.5	8.87	1.22	28.804	0.37
94.55	8.94	2.71	28.819	0.83
94.6	8.97	1.86	28.834	0.57
94.65	8.98	2.52	28.85	0.77
94.7	10.49	2.29	28.865	0.7
94.75	10.25	2.79	28.88	0.85
94.8	10.62	3.12	28.895	0.95
94.85	10.31	4.1	28.911	1.25
94.9	10.16	3.28	28.926	1
94.95	9.58	3.31	28.941	1.01
95	8.29	2.79	28.956	0.85
95.05	7.64	2.67	28.972	0.81
95.1	7.82	3.26	28.987	0.99

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
95.15	7.41	5.66	29.002	1.72
95.2	6.71	2.84	29.017	0.86
95.25	7.35	2.85	29.033	0.87
95.3	7.68	3.31	29.048	1.01
95.35	7.84	4.3	29.063	1.31
95.4	8.42	3.57	29.078	1.09
95.45	9.71	3.62	29.094	1.1
95.5	9.35	5.26	29.109	1.6
95.55	9.18	3.63	29.124	1.11
95.6	8.59	5.27	29.139	1.61
95.65	8.29	4.88	29.154	1.49
95.7	8.15	3.33	29.17	1.01
95.75	7.57	2.49	29.185	0.76
95.8	8.29	3.99	29.2	1.22
95.85	8.14	3.15	29.215	0.96
95.9	8.07	5.28	29.231	1.61
95.95	9.04	3.31	29.246	1.01
96	11.02	4.17	29.261	1.27
96.05	12.51	5.01	29.276	1.53
96.1	15.25	5.06	29.292	1.54
96.15	18.13	3.69	29.307	1.12
96.2	21.06	3.87	29.322	1.18
96.25	22.03	4.71	29.337	1.44
96.3	23.02	6	29.353	1.83
96.35	24.01	3.89	29.368	1.18
96.4	25	3.66	29.383	1.12
96.45	25.5	5.09	29.398	1.55
96.5	24.25	4.12	29.414	1.26
96.55	23.63	4.26	29.429	1.3
96.6	22.81	3.47	29.444	1.06
96.65	21.91	3.51	29.459	1.07
96.7	20.45	4.91	29.475	1.5
96.75	19.73	3.65	29.49	1.11
96.8	18.36	5.6	29.505	1.71
96.85	17.68	3.48	29.52	1.06
96.9	17.34	3.39	29.536	1.03
96.95	16.67	3.2	29.551	0.98
97	16.84	2.74	29.566	0.84
97.05	16.42	2.9	29.581	0.88
97.1	15.71	3.14	29.596	0.96
97.15	15.85	3.14	29.612	0.96
97.2	15.93	3.08	29.627	0.94
97.25	15.96	3.15	29.642	0.96
97.3	15.98	4.12	29.657	1.26
97.35	15.99	3.44	29.673	1.05
97.4	15.5	3.25	29.688	0.99
97.45	15.75	3.15	29.703	0.96
97.5	15.37	3.39	29.718	1.03
97.55	14.69	3.12	29.734	0.95
97.6	14.34	2.05	29.749	0.62
97.65	14.17	3.96	29.764	1.21
97.7	14.09	3.59	29.779	1.09
97.75	12.54	4.75	29.795	1.45
97.8	12.27	4.05	29.81	1.23
97.85	11.14	9.16	29.825	2.79
97.9	10.57	3.83	29.84	1.17
97.95	10.28	5.48	29.856	1.67
98	10.14	3.79	29.871	1.16
98.05	10.57	4.86	29.886	1.48
98.1	10.79	3.69	29.901	1.12
98.15	10.39	2.88	29.917	0.88
98.2	10.2	3.38	29.932	1.03

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.25	10.1	3.37	29.947	1.03
98.3	10.55	2.36	29.962	0.72
98.35	10.27	1.59	29.978	0.48
98.4	10.14	2.59	29.993	0.79
98.45	10.07	2.1	30.008	0.64
98.5	9.53	3.52	30.023	1.07
98.55	9.27	1.99	30.038	0.61
98.6	8.63	1.97	30.054	0.6
98.65	8.82	2.32	30.069	0.71
98.7	8.41	2.61	30.084	0.79
98.75	8.2	1.85	30.099	0.56
98.8	7.6	4.55	30.115	1.39
98.85	7.3	2.37	30.13	0.72
98.9	7.65	4.43	30.145	1.35
98.95	7.33	2.57	30.16	0.78
99	7.66	2.44	30.176	0.75
99.05	7.83	4.73	30.191	1.44
99.1	7.42	4.52	30.206	1.38
99.15	7.71	2.3	30.221	0.7
99.2	7.85	2.34	30.237	0.71
99.25	7.43	2.15	30.252	0.66
99.3	7.21	2.66	30.267	0.81
99.35	7.11	4.08	30.282	1.24
99.4	7.05	2.34	30.298	0.71
99.45	6.53	2.16	30.313	0.66
99.5	6.76	1.62	30.328	0.49
99.55	6.88	2.62	30.343	0.8
99.6	6.44	1.59	30.359	0.48
99.65	6.22	2.5	30.374	0.76
99.7	6.61	2.3	30.389	0.7
99.75	6.81	3.83	30.404	1.17
99.8	6.9	2.67	30.419	0.81
99.85	6.95	3.66	30.435	1.12
99.9	6.98	2.65	30.45	0.81
99.95	7.49	3.32	30.465	1.01
100	6.24	3.59	30.48	1.09
100.05	6.62	2.45	30.496	0.75
100.1	7.31	2.43	30.511	0.74
100.15	6.66	3.82	30.526	1.17
100.2	6.33	2.73	30.541	0.83
100.25	7.16	2.95	30.557	0.9
100.3	7.58	4.04	30.572	1.23
100.35	7.29	4.26	30.587	1.3
100.4	7.65	4.07	30.602	1.24
100.45	8.32	4.4	30.618	1.34
100.5	8.66	3.19	30.633	0.97
100.55	9.33	3.8	30.648	1.16
100.6	8.67	3.07	30.663	0.93
100.65	8.83	3.56	30.679	1.09
100.7	8.42	4.04	30.694	1.23
100.75	9.21	4.66	30.709	1.42
100.8	9.1	4.15	30.724	1.26
100.85	8.55	3.32	30.74	1.01
100.9	8.78	3	30.755	0.91
100.95	9.39	3.46	30.77	1.05
101	9.19	4.86	30.785	1.48
101.05	9.6	4.2	30.801	1.28
101.1	10.8	3.58	30.816	1.09
101.15	10.4	3.55	30.831	1.08
101.2	10.2	4.67	30.846	1.42
101.25	10.1	4.53	30.861	1.38
101.3	10.05	3.43	30.877	1.05

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.35	9.52	3.31	30.892	1.01
101.4	9.26	3.16	30.907	0.96
101.45	9.63	3.05	30.922	0.93
101.5	9.32	3.19	30.938	0.97
101.55	9.16	3.28	30.953	1
101.6	8.08	3.53	30.968	1.08
101.65	7.54	2.9	30.983	0.88
101.7	7.27	2.43	30.999	0.74
101.75	7.13	2.38	31.014	0.73
101.8	7.07	3.28	31.029	1
101.85	7.03	2.94	31.044	0.9
101.9	7.02	2.31	31.06	0.7
101.95	6.51	2.92	31.075	0.89
102	5.75	2.45	31.09	0.75
102.05	6.38	2.33	31.105	0.71
102.1	5.69	2.44	31.121	0.74
102.15	4.84	2.84	31.136	0.87
102.2	4.92	3.54	31.151	1.08
102.25	4.96	3.01	31.166	0.92
102.3	5.98	3.12	31.182	0.95
102.35	5.99	4.49	31.197	1.37
102.4	5.5	3.1	31.212	0.95
102.45	5.25	3.29	31.227	1
102.5	5.62	3.76	31.243	1.14
102.55	5.31	4.42	31.258	1.35
102.6	5.16	3.7	31.273	1.13
102.65	5.08	3.4	31.288	1.04
102.7	5.04	4.67	31.303	1.42
102.75	5.02	4.93	31.319	1.5
102.8	5.01	4.99	31.334	1.52
102.85	6	7.14	31.349	2.18
102.9	6.5	5.3	31.364	1.61
102.95	6.25	5.15	31.38	1.57
103	6.13	4.43	31.395	1.35
103.05	8.06	3.51	31.41	1.07
103.1	10.53	5.37	31.425	1.64
103.15	13.77	7.07	31.441	2.15
103.2	15.38	4.9	31.456	1.49
103.25	15.69	1.72	31.471	0.53
103.3	16.85	5.55	31.486	1.69
103.35	16.92	3.34	31.502	1.02
103.4	15.96	2.37	31.517	0.72
103.45	14.48	1.73	31.532	0.53
103.5	13.24	4.98	31.547	1.52
103.55	11.62	2.03	31.563	0.62
103.6	10.31	1.72	31.578	0.52
103.65	8.66	1.79	31.593	0.55
103.7	7.33	3.07	31.608	0.93
103.75	6.66	1.76	31.624	0.54
103.8	5.83	2.4	31.639	0.73
103.85	5.42	1.5	31.654	0.46
103.9	5.21	4.05	31.669	1.23
103.95	4.6	1.88	31.684	0.57
104	4.3	1.81	31.7	0.55
104.05	4.65	2.94	31.715	0.9
104.1	4.83	2.39	31.73	0.73
104.15	5.41	2.9	31.745	0.89
104.2	5.21	4.51	31.761	1.37
104.25	5.1	2.29	31.776	0.7
104.3	5.05	2.14	31.791	0.65
104.35	5.03	1.14	31.806	0.35
104.4	5.01	1.65	31.822	0.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.45	5.01	0.99	31.837	0.3
104.5	6	0.98	31.852	0.3
104.55	6.5	1.61	31.867	0.49
104.6	6.75	1	31.883	0.31
104.65	7.38	0.77	31.898	0.23
104.7	7.69	0.75	31.913	0.23
104.75	7.84	1.14	31.928	0.35
104.8	8.92	0.75	31.944	0.23
104.85	8.96	0.84	31.959	0.26
104.9	9.48	0.66	31.974	0.2
104.95	9.24	0.83	31.989	0.25
105	9.12	0.67	32.005	0.2
105.05	9.06	0.94	32.02	0.29
105.1	9.03	0.62	32.035	0.19
105.15	9.02	3.26	32.05	0.99
105.2	9.51	1.12	32.066	0.34
105.25	9.75	0.87	32.081	0.26
105.3	9.38	0.88	32.096	0.27
105.35	9.19	2.63	32.111	0.8
105.4	9.59	1.48	32.126	0.45
105.45	8.8	1.65	32.142	0.5
105.5	8.4	0.96	32.157	0.29
105.55	8.2	1.98	32.172	0.6
105.6	7.6	0.95	32.187	0.29
105.65	7.8	1.96	32.203	0.6
105.7	7.4	0.94	32.218	0.29
105.75	7.7	1.36	32.233	0.41
105.8	7.35	0.99	32.248	0.3
105.85	7.67	0.83	32.264	0.25
105.9	7.84	0.74	32.279	0.23
105.95	8.42	0.76	32.294	0.23
106	8.21	0.54	32.309	0.16
106.05	8.1	0.61	32.325	0.19
106.1	8.55	0.48	32.34	0.15
106.15	8.28	0.52	32.355	0.16
106.2	8.14	0.64	32.37	0.2
106.25	9.07	1.02	32.386	0.31
106.3	8.53	0.71	32.401	0.22
106.35	7.77	0.53	32.416	0.16
106.4	7.88	0.5	32.431	0.15
106.45	8.44	0.57	32.447	0.17
106.5	8.22	0.78	32.462	0.24
106.55	7.61	0.55	32.477	0.17
106.6	7.31	0.82	32.492	0.25
106.65	7.15	0.51	32.508	0.16
106.7	8.08	0.8	32.523	0.24
106.75	8.04	0.44	32.538	0.13
106.8	8.02	1.03	32.553	0.31
106.85	8.51	0.47	32.568	0.14
106.9	9.25	0.5	32.584	0.15
106.95	5.63	0.59	32.599	0.18
107	3.31	0.78	32.614	0.24
107.05	2.16	1.09	32.629	0.33
107.1	1.58	0.56	32.645	0.17
107.15	1.29	0.42	32.66	0.13
107.2	1.14	0.46	32.675	0.14
107.25	1.07	0.49	32.69	0.15
107.3	1.04	0.91	32.706	0.28
107.35	1.02	0.6	32.721	0.18
107.4	1.01	1.1	32.736	0.33
107.45	1	0.48	32.751	0.15
107.5	1	0.5	32.767	0.15

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.55	1	0.47	32.782	0.14
107.6	1	0.54	32.797	0.16
107.65	1	4.34	32.812	1.32
107.7	0.5	0.64	32.828	0.19
107.75	0.75	0.63	32.843	0.19
107.8	0.88	1.42	32.858	0.43
107.85	0.94	3.31	32.873	1.01
107.9	0.97	1.19	32.889	0.36
107.95	0.98	3.52	32.904	1.07
108	0.99	2.46	32.919	0.75
108.05	1	1.16	32.934	0.35
108.1	1	1.85	32.949	0.56
108.15	1	1.3	32.965	0.4
108.2	1	1.44	32.98	0.44
108.25	1	1.31	32.995	0.4
108.3	1	0.82	33.01	0.25
108.35	1	1.4	33.026	0.43
108.4	1	0.75	33.041	0.23
108.45	1	0.41	33.056	0.13
108.5	1	0.78	33.071	0.24
108.55	1.5	0.76	33.087	0.23
108.6	1.75	1.07	33.102	0.33
108.65	1.87	0.93	33.117	0.28
108.7	2.44	1.68	33.132	0.51
108.75	2.72	0.77	33.148	0.24
108.8	2.86	1.19	33.163	0.36
108.85	2.43	0.49	33.178	0.15
108.9	2.71	2.75	33.193	0.84
108.95	2.86	0.58	33.209	0.18
109	2.43	1.63	33.224	0.5
109.05	2.71	1.18	33.239	0.36
109.1	2.36	1.84	33.254	0.56
109.15	2.18	1.39	33.27	0.42
109.2	2.59	2.22	33.285	0.68
109.25	2.29	1.44	33.3	0.44
109.3	2.15	2.43	33.315	0.74
109.35	2.07	2.27	33.331	0.69
109.4	2.54	1.33	33.346	0.41
109.45	2.27	1.62	33.361	0.49
109.5	2.13	1.7	33.376	0.52
109.55	2.07	1.24	33.391	0.38
109.6	2.03	0.84	33.407	0.26
109.65	2.52	0.65	33.422	0.2
109.7	2.26	0.6	33.437	0.18
109.75	2.63	1.13	33.452	0.34
109.8	2.31	0.82	33.468	0.25
109.85	2.16	0.97	33.483	0.29
109.9	2.08	1.07	33.498	0.33
109.95	2.04	1.17	33.513	0.36
110	2.02	0.76	33.529	0.23
110.05	2.51	0.86	33.544	0.26
110.1	2.25	0.86	33.559	0.26
110.15	2.13	1.8	33.574	0.55
110.2	2.06	0.93	33.59	0.28
110.25	2.03	1.32	33.605	0.4
110.3	2.52	1.21	33.62	0.37
110.35	3.26	1.42	33.635	0.43
110.4	5.13	0.96	33.651	0.29
110.45	5.56	1.87	33.666	0.57
110.5	5.28	1.04	33.681	0.32
110.55	5.64	1.04	33.696	0.32
110.6	5.32	0.92	33.712	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.65	4.16	1.54	33.727	0.47
110.7	3.58	0.72	33.742	0.22
110.75	2.79	0.75	33.757	0.23
110.8	1.9	0.58	33.772	0.18
110.85	1.95	0.58	33.788	0.18
110.9	1.47	0.86	33.803	0.26
110.95	1.74	0.5	33.818	0.15
111	1.87	0.82	33.833	0.25
111.05	1.93	0.57	33.849	0.17
111.1	1.97	0.88	33.864	0.27
111.15	1.98	0.61	33.879	0.19
111.2	1.99	1	33.894	0.3
111.25	2	1.35	33.91	0.41
111.3	2	1.03	33.925	0.31
111.35	2	1.02	33.94	0.31
111.4	1.5	0.91	33.955	0.28
111.45	1.25	0.87	33.971	0.27
111.5	1.12	1.01	33.986	0.31
111.55	1.06	1.39	34.001	0.42
111.6	1.03	1.69	34.016	0.52
111.65	1.02	1.37	34.032	0.42
111.7	1.01	0.94	34.047	0.29
111.75	1.5	1.1	34.062	0.33
111.8	1.25	2.12	34.077	0.65
111.85	1.13	1.71	34.093	0.52
111.9	1.06	1.03	34.108	0.31
111.95	1.03	0.98	34.123	0.3
112	1.02	0.85	34.138	0.26
112.05	1.01	0.91	34.154	0.28
112.1	1	1.21	34.169	0.37
112.15	1	0.95	34.184	0.29
112.2	1	0.82	34.199	0.25
112.25	1	1	34.214	0.3
112.3	1	0.94	34.23	0.29
112.35	1	1.01	34.245	0.31
112.4	1	1.48	34.26	0.45
112.45	1.5	1.33	34.275	0.4
112.5	1.25	1.46	34.291	0.44
112.55	1.13	1.24	34.306	0.38
112.6	1.06	1.52	34.321	0.46
112.65	7.53	5.97	34.336	1.82
112.7	10.27	3.51	34.352	1.07
112.75	12.13	10.03	34.367	3.06
112.8	12.57	9.03	34.382	2.75
112.85	13.28	8.79	34.397	2.68
112.9	13.14	10.86	34.413	3.31
112.95	13.57	15.55	34.428	4.74
113	13.29	12.04	34.443	3.67
113.05	13.14	11.52	34.458	3.51
113.1	13.57	10.29	34.474	3.14
113.15	13.29	4.28	34.489	1.3
113.2	12.64	2.69	34.504	0.82
113.25	12.82	2.05	34.519	0.62
113.3	12.91	3.14	34.535	0.96
113.35	12.96	4.97	34.55	1.52
113.4	12.98	2.63	34.565	0.8
113.45	12.99	4.98	34.58	1.52
113.5	12.99	3.49	34.596	1.06
113.55	14	3.68	34.611	1.12
113.6	13.5	4.17	34.626	1.27
113.65	13.25	1.7	34.641	0.52
113.7	12.62	4.25	34.656	1.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.75	12.31	2.09	34.672	0.64
113.8	12.66	3.44	34.687	1.05
113.85	12.83	4.46	34.702	1.36
113.9	11.91	2.18	34.717	0.66
113.95	11.96	1.88	34.733	0.57
114	12.48	3.63	34.748	1.11
114.05	13.74	3.28	34.763	1
114.1	14.87	2.36	34.778	0.72
114.15	15.43	3.37	34.794	1.03
114.2	17.22	3.89	34.809	1.19
114.25	19.61	3.85	34.824	1.17
114.3	19.8	3.9	34.839	1.19
114.35	20.4	2.96	34.855	0.9
114.4	19.7	6.33	34.87	1.93
114.45	19.35	3.73	34.885	1.14
114.5	19.18	4.32	34.9	1.32
114.55	18.59	4.38	34.916	1.33
114.6	18.79	6.65	34.931	2.03
114.65	18.4	4.65	34.946	1.42
114.7	18.2	4.86	34.961	1.48
114.75	18.1	3.87	34.977	1.18
114.8	18.05	4.53	34.992	1.38
114.85	17.52	4.63	35.007	1.41
114.9	17.76	3.98	35.022	1.21
114.95	17.38	4.96	35.037	1.51
115	17.19	6.05	35.053	1.85
115.05	17.1	4.57	35.068	1.39
115.1	18.05	3.39	35.083	1.03
115.15	17.02	3.08	35.098	0.94
115.2	18.01	2.31	35.114	0.71
115.25	18.01	3.1	35.129	0.94
115.3	18	2.59	35.144	0.79
115.35	17.5	3.05	35.159	0.93
115.4	18.75	3.85	35.175	1.17
115.45	19.38	4.33	35.19	1.32
115.5	18.69	3.6	35.205	1.1
115.55	20.34	2.99	35.22	0.91
115.6	19.17	4.15	35.236	1.27
115.65	19.59	5.31	35.251	1.62
115.7	19.29	2.78	35.266	0.85
115.75	19.15	2.85	35.281	0.87
115.8	19.07	3.68	35.297	1.12
115.85	20.04	5.45	35.312	1.66
115.9	20.52	2.76	35.327	0.84
115.95	21.76	4	35.342	1.22
116	21.88	3.41	35.358	1.04
116.05	22.44	5.14	35.373	1.57
116.1	24.22	2.49	35.388	0.76
116.15	23.11	3.53	35.403	1.08
116.2	21.55	1.97	35.419	0.6
116.25	20.78	1.75	35.434	0.53
116.3	20.39	4.2	35.449	1.28
116.35	19.69	2.08	35.464	0.63
116.4	20.35	2.17	35.479	0.66
116.45	21.67	2.01	35.495	0.61
116.5	23.34	2.2	35.51	0.67
116.55	23.67	1.98	35.525	0.6
116.6	24.33	1.79	35.54	0.54
116.65	24.17	2.07	35.556	0.63
116.7	23.58	3.08	35.571	0.94
116.75	22.79	2.21	35.586	0.67
116.8	21.9	2.03	35.601	0.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.85	20.95	2.07	35.617	0.63
116.9	21.47	1.89	35.632	0.58
116.95	21.24	2.19	35.647	0.67
117	22.12	1.91	35.662	0.58
117.05	22.06	1.93	35.678	0.59
117.1	23.03	3.17	35.693	0.97
117.15	22.51	2.48	35.708	0.76
117.2	22.26	3.38	35.723	1.03
117.25	22.63	2.96	35.739	0.9
117.3	22.31	3.69	35.754	1.12
117.35	21.16	3.3	35.769	1.01
117.4	20.58	3.36	35.784	1.02
117.45	19.79	3.42	35.8	1.04
117.5	19.39	3.91	35.815	1.19
117.55	18.2	3.52	35.83	1.07
117.6	19.1	3.86	35.845	1.18
117.65	19.05	3.72	35.861	1.13
117.7	18.52	3.37	35.876	1.03
117.75	18.26	3.73	35.891	1.14
117.8	17.13	4.1	35.906	1.25
117.85	16.07	3.97	35.921	1.21
117.9	16.53	4.11	35.937	1.25
117.95	17.27	5.93	35.952	1.81
118	17.63	4.62	35.967	1.41
118.05	19.32	4.76	35.982	1.45
118.1	19.66	2.98	35.998	0.91
118.15	20.33	4.81	36.013	1.46
118.2	21.16	3.81	36.028	1.16
118.25	20.08	3.66	36.043	1.12
118.3	20.04	4.24	36.059	1.29
118.35	18.02	8.08	36.074	2.46
118.4	17.01	5.51	36.089	1.68
118.45	15.51	8.23	36.104	2.51
118.5	15.25	5.62	36.12	1.71
118.55	15.13	7.93	36.135	2.42
118.6	15.06	6.21	36.15	1.89
118.65	16.53	4.87	36.165	1.49
118.7	16.77	4.86	36.181	1.48
118.75	16.38	3.62	36.196	1.1
118.8	16.19	5.53	36.211	1.69
118.85	16.1	3.43	36.226	1.05
118.9	16.55	4.39	36.242	1.34
118.95	16.27	2.67	36.257	0.81
119	16.64	4.57	36.272	1.39
119.05	16.32	3.54	36.287	1.08
119.1	15.66	3.68	36.302	1.12
119.15	15.83	4.55	36.318	1.39
119.2	15.91	5.64	36.333	1.72
119.25	15.96	4	36.348	1.22
119.3	15.48	4.28	36.363	1.3
119.35	15.74	4.05	36.379	1.24
119.4	15.37	4.13	36.394	1.26
119.45	15.18	4.07	36.409	1.24
119.5	15.09	3.57	36.424	1.09
119.55	15.55	3.75	36.44	1.14
119.6	15.77	8.21	36.455	2.5
119.65	14.89	5.43	36.47	1.65
119.7	14.94	4.53	36.485	1.38
119.75	14.97	4.93	36.501	1.5
119.8	14.49	4.72	36.516	1.44
119.85	14.24	4.8	36.531	1.46
119.9	14.62	3.32	36.546	1.01

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
119.95	14.31	5.57	36.562	1.7
120	15.16	4.89	36.577	1.49
120.05	15.08	3.89	36.592	1.19
120.1	15.54	2.18	36.607	0.66
120.15	15.27	2.42	36.623	0.74
120.2	15.63	2.03	36.638	0.62
120.25	15.82	3.35	36.653	1.02
120.3	15.41	2.74	36.668	0.84
120.35	14.7	3.07	36.684	0.94
120.4	14.85	3.14	36.699	0.96
120.45	14.93	3.11	36.714	0.95
120.5	14.46	3.32	36.729	1.01
120.55	14.23	3.7	36.744	1.13
120.6	14.62	3.2	36.76	0.98
120.65	14.81	4.02	36.775	1.23
120.7	13.9	2.81	36.79	0.86
120.75	13.95	2.55	36.805	0.78
120.8	13.98	3.24	36.821	0.99
120.85	14.49	2.45	36.836	0.75
120.9	14.74	3.98	36.851	1.21
120.95	14.37	2.85	36.866	0.87
121	14.69	2.93	36.882	0.89
121.05	14.84	1.78	36.897	0.54
121.1	13.42	2.67	36.912	0.81
121.15	13.21	1.86	36.927	0.57
121.2	13.61	1.97	36.943	0.6
121.25	13.8	1.29	36.958	0.39
121.3	13.9	2.08	36.973	0.64
121.35	15.95	1.45	36.988	0.44
121.4	16.48	1.86	37.004	0.57
121.45	17.74	0.87	37.019	0.27
121.5	19.37	1.65	37.034	0.5
121.55	20.18	1.94	37.049	0.59
121.6	20.59	1.74	37.065	0.53
121.65	20.8	1.54	37.08	0.47
121.7	20.4	2.35	37.095	0.72
121.75	19.2	1.5	37.11	0.46
121.8	20.6	1.68	37.126	0.51
121.85	20.3	1.61	37.141	0.49
121.9	20.15	1.83	37.156	0.56
121.95	20.57	1.79	37.171	0.55
122	20.29	2.09	37.186	0.64
122.05	19.14	2.17	37.202	0.66
122.1	18.57	2.14	37.217	0.65
122.15	17.29	1.36	37.232	0.41
122.2	16.64	2.06	37.247	0.63
122.25	16.82	1.95	37.263	0.59
122.3	17.41	1.48	37.278	0.45
122.35	17.21	1.37	37.293	0.42
122.4	18.1	1.46	37.308	0.45
122.45	19.55	1.57	37.324	0.48
122.5	17.28	2.16	37.339	0.66
122.55	16.64	1.53	37.354	0.47
122.6	15.32	1.34	37.369	0.41
122.65	14.66	1.27	37.385	0.39
122.7	14.33	1.13	37.4	0.34
122.75	13.16	1.32	37.415	0.4
122.8	13.58	1.54	37.43	0.47
122.85	14.29	1.32	37.446	0.4
122.9	14.15	1.26	37.461	0.38
122.95	14.07	1.38	37.476	0.42
123	14.04	2.24	37.491	0.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.05	14.02	1.68	37.507	0.51
123.1	13.01	1	37.522	0.3
123.15	12.5	2.49	37.537	0.76
123.2	12.25	2.21	37.552	0.67
123.25	12.13	2.31	37.567	0.71
123.3	12.06	2.8	37.583	0.85
123.35	13.03	4.62	37.598	1.41
123.4	13.02	3.72	37.613	1.13
123.45	13.51	3.78	37.628	1.15
123.5	13.25	5.24	37.644	1.6
123.55	13.63	8.76	37.659	2.67
123.6	13.31	3.35	37.674	1.02
123.65	13.66	2.12	37.689	0.65
123.7	14.33	4.65	37.705	1.42
123.75	13.66	3.44	37.72	1.05
123.8	14.33	3.95	37.735	1.2
123.85	13.67	4.16	37.75	1.27
123.9	13.33	3.25	37.766	0.99
123.95	13.67	2.23	37.781	0.68
124	13.33	3.57	37.796	1.09
124.05	13.67	3.95	37.811	1.2
124.1	14.33	3.97	37.827	1.21
124.15	14.17	3.98	37.842	1.21
124.2	14.08	8.72	37.857	2.66
124.25	13.54	3.4	37.872	1.04
124.3	13.77	4.39	37.888	1.34
124.35	13.39	4.09	37.903	1.25
124.4	12.19	3.88	37.918	1.18
124.45	11.6	3.19	37.933	0.97
124.5	11.3	3.97	37.949	1.21
124.55	11.65	3.99	37.964	1.22
124.6	11.32	6.82	37.979	2.08
124.65	11.16	4.16	37.994	1.27
124.7	11.08	3.38	38.009	1.03
124.75	11.54	4.76	38.025	1.45
124.8	12.27	3.83	38.04	1.17
124.85	13.14	4.33	38.055	1.32
124.9	14.07	5.07	38.07	1.54
124.95	14.03	4.35	38.086	1.33
125	14.02	3.92	38.101	1.2
125.05	14.01	3.42	38.116	1.04
125.1	14	5.21	38.131	1.59
125.15	13	4.54	38.147	1.38
125.2	12.5	2.15	38.162	0.65
125.25	12.25	3.47	38.177	1.06
125.3	11.63	2.72	38.192	0.83
125.35	11.31	3.78	38.208	1.15
125.4	11.16	3.13	38.223	0.96
125.45	11.58	3.9	38.238	1.19
125.5	11.29	2.78	38.253	0.85
125.55	11.14	2.87	38.269	0.88
125.6	11.57	2.63	38.284	0.8
125.65	11.79	3.4	38.299	1.04
125.7	11.89	3.2	38.314	0.97
125.75	12.45	3.3	38.33	1.01
125.8	12.22	2.24	38.345	0.68
125.85	12.61	2.87	38.36	0.88
125.9	13.31	3.04	38.375	0.93
125.95	13.15	2.45	38.39	0.75
126	14.58	2.69	38.406	0.82
126.05	14.79	3.42	38.421	1.04
126.1	16.89	2.86	38.436	0.87

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.15	18.45	3.44	38.451	1.05
126.2	18.72	3.04	38.467	0.93
126.25	17.36	3.53	38.482	1.08
126.3	16.68	2.75	38.497	0.84
126.35	15.34	2.18	38.512	0.67
126.4	15.67	2.15	38.528	0.65
126.45	14.84	0.93	38.543	0.28
126.5	14.42	1.85	38.558	0.56
126.55	14.71	2.08	38.573	0.63
126.6	14.85	1.51	38.589	0.46
126.65	14.93	1.64	38.604	0.5
126.7	15.96	1.64	38.619	0.5
126.75	15.98	1.89	38.634	0.58
126.8	15.99	1.68	38.65	0.51
126.85	16	1.59	38.665	0.49
126.9	16	1.37	38.68	0.42
126.95	15.5	1.25	38.695	0.38
127	15.25	1.58	38.711	0.48
127.05	16.62	1.32	38.726	0.4
127.1	15.31	1.75	38.741	0.53
127.15	17.16	1.94	38.756	0.59
127.2	17.08	1.42	38.772	0.43
127.25	17.04	1.17	38.787	0.36
127.3	16.52	1.9	38.802	0.58
127.35	16.76	1.13	38.817	0.34
127.4	17.88	1.06	38.832	0.32
127.45	16.94	1.06	38.848	0.32
127.5	16.47	1.27	38.863	0.39
127.55	16.73	1.51	38.878	0.46
127.6	16.37	1.27	38.893	0.39
127.65	16.18	1.47	38.909	0.45
127.7	17.09	0.86	38.924	0.26
127.75	16.55	1.7	38.939	0.52
127.8	16.27	1.19	38.954	0.36
127.85	16.14	1.44	38.97	0.44
127.9	17.57	1.39	38.985	0.42
127.95	16.28	1.44	39	0.44
128	16.14	1.41	39.015	0.43
128.05	16.57	1.35	39.031	0.41
128.1	15.79	0	39.046	0
128.15	15.89	2.61	39.061	0.8
128.2	16.95	1.14	39.076	0.35
128.25	17.97	1.34	39.092	0.41
128.3	17.99	1.67	39.107	0.51
128.35	16.99	4.84	39.122	1.48
128.4	17	0.69	39.137	0.21
128.45	17	2.57	39.153	0.78
128.5	16.5	1.1	39.168	0.33
128.55	17.25	3.16	39.183	0.96
128.6	17.12	1.62	39.198	0.49
128.65	15.56	1.8	39.214	0.55
128.7	14.78	1.56	39.229	0.47
128.75	14.89	3.72	39.244	1.13
128.8	14.45	1.98	39.259	0.6
128.85	15.22	3.6	39.274	1.1
128.9	15.61	1.49	39.29	0.45
128.95	16.81	2.34	39.305	0.71
129	17.4	1.99	39.32	0.61
129.05	17.7	2.51	39.335	0.77
129.1	18.35	0.79	39.351	0.24
129.15	18.68	0.9	39.366	0.27
129.2	19.84	1.38	39.381	0.42

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.25	18.92	1.21	39.396	0.37
129.3	18.96	1.03	39.412	0.31
129.35	16.98	1.11	39.427	0.34
129.4	15.49	2.85	39.442	0.87
129.45	15.74	1.68	39.457	0.51
129.5	15.37	1.6	39.473	0.49
129.55	16.19	1.68	39.488	0.51
129.6	18.09	2.43	39.503	0.74
129.65	18.55	1.32	39.518	0.4
129.7	19.27	2.56	39.534	0.78
129.75	19.64	1.56	39.549	0.48
129.8	19.32	3.12	39.564	0.95
129.85	18.16	2.05	39.579	0.62
129.9	17.58	2.16	39.595	0.66
129.95	15.79	2.69	39.61	0.82
130	15.39	3.32	39.625	1.01
130.05	15.2	2.83	39.64	0.86
130.1	15.6	3.87	39.655	1.18
130.15	15.3	3.43	39.671	1.05
130.2	15.15	5.35	39.686	1.63
130.25	15.07	3.44	39.701	1.05
130.3	15.54	1.63	39.716	0.5
130.35	15.77	3.53	39.732	1.08
130.4	15.38	3.07	39.747	0.94
130.45	14.19	2.48	39.762	0.75
130.5	14.1	1.75	39.777	0.53
130.55	14.05	2	39.793	0.61
130.6	14.52	1.67	39.808	0.51
130.65	14.76	2.05	39.823	0.63
130.7	13.38	2.12	39.838	0.65
130.75	13.19	1.63	39.854	0.5
130.8	14.1	2.05	39.869	0.63
130.85	14.05	2.82	39.884	0.86
130.9	13.52	2.46	39.899	0.75
130.95	13.76	2.66	39.915	0.81
131	12.88	2.45	39.93	0.75
131.05	12.44	2.67	39.945	0.81
131.1	13.72	1.9	39.96	0.58
131.15	14.86	1.97	39.976	0.6
131.2	16.43	2.16	39.991	0.66
131.25	18.72	2.4	40.006	0.73
131.3	19.86	1.81	40.021	0.55
131.35	20.93	2.34	40.037	0.71
131.4	19.96	1.93	40.052	0.59
131.45	18.98	2.14	40.067	0.65
131.5	18.49	1.26	40.082	0.38
131.55	18.25	1.17	40.097	0.36
131.6	18.62	1.2	40.113	0.36
131.65	18.81	1.06	40.128	0.32
131.7	18.91	0.82	40.143	0.25
131.75	18.95	0.73	40.158	0.22
131.8	19.98	1.11	40.174	0.34
131.85	20.49	0.64	40.189	0.2
131.9	20.74	0.75	40.204	0.23
131.95	20.87	1.03	40.219	0.31
132	21.44	1.05	40.235	0.32
132.05	20.72	0.69	40.25	0.21
132.1	19.86	0.6	40.265	0.18
132.15	18.93	0.72	40.28	0.22
132.2	18.96	1	40.296	0.3
132.25	17.98	0.77	40.311	0.23
132.3	16.99	0.65	40.326	0.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.35	17	0.63	40.341	0.19
132.4	16	0.97	40.357	0.3
132.45	16	0.67	40.372	0.21
132.5	16	1.01	40.387	0.31
132.55	15.5	0.8	40.402	0.24
132.6	15.25	0.8	40.418	0.24
132.65	15.12	0.73	40.433	0.22
132.7	14.06	1.35	40.448	0.41
132.75	15.03	1.01	40.463	0.31
132.8	14.52	1.65	40.479	0.5
132.85	15.26	0.71	40.494	0.22
132.9	15.13	0.63	40.509	0.19
132.95	14.56	2.2	40.524	0.67
133	15.28	0.86	40.539	0.26
133.05	16.14	0.68	40.555	0.21
133.1	16.07	0.7	40.57	0.21
133.15	16.04	2.23	40.585	0.68
133.2	16.52	2.17	40.6	0.66
133.25	16.26	0.86	40.616	0.26
133.3	15.13	0.92	40.631	0.28
133.35	15.06	2.93	40.646	0.89
133.4	14.03	0.79	40.661	0.24
133.45	14.02	2.26	40.677	0.69
133.5	16.01	1.24	40.692	0.38
133.55	15	2.99	40.707	0.91
133.6	15.5	0.92	40.722	0.28
133.65	16.25	1.67	40.738	0.51
133.7	16.63	2.02	40.753	0.62
133.75	16.31	4.64	40.768	1.42
133.8	16.66	2	40.783	0.61
133.85	16.83	4.69	40.799	1.43
133.9	16.41	1.59	40.814	0.48
133.95	14.71	2.47	40.829	0.75
134	14.35	2.36	40.844	0.72
134.05	14.18	2.19	40.86	0.67
134.1	13.59	1.94	40.875	0.59
134.15	13.29	0.79	40.89	0.24
134.2	12.65	1.58	40.905	0.48
134.25	12.82	1.21	40.92	0.37
134.3	13.41	1.44	40.936	0.44
134.35	14.21	0.38	40.951	0.12
134.4	14.6	1.15	40.966	0.35
134.45	13.8	0.88	40.981	0.27
134.5	14.4	1.09	40.997	0.33
134.55	15.2	0.96	41.012	0.29
134.6	14.6	2.1	41.027	0.64
134.65	15.3	1.02	41.042	0.31
134.7	16.15	2.32	41.058	0.71
134.75	16.58	1.19	41.073	0.36
134.8	16.79	3.33	41.088	1.01
134.85	16.39	1.14	41.103	0.35
134.9	15.7	1.42	41.119	0.43
134.95	15.85	1.69	41.134	0.51
135	15.42	2.21	41.149	0.67
135.05	15.71	2.38	41.164	0.73
135.1	15.36	1.8	41.18	0.55
135.15	15.68	1.9	41.195	0.58
135.2	15.84	3.08	41.21	0.94
135.25	15.92	1.16	41.225	0.35
135.3	16.96	1.81	41.241	0.55
135.35	17.48	1.15	41.256	0.35
135.4	17.24	2.24	41.271	0.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.45	17.12	1.38	41.286	0.42
135.5	17.06	1.46	41.302	0.45
135.55	16.53	1.14	41.317	0.35
135.6	17.76	0.56	41.332	0.17
135.65	16.88	1.18	41.347	0.36
135.7	16.44	1.24	41.362	0.38
135.75	16.72	1.24	41.378	0.38
135.8	16.86	1.4	41.393	0.43
135.85	16.43	1.74	41.408	0.53
135.9	17.22	1.38	41.423	0.42
135.95	16.11	1.01	41.439	0.31
136	16.55	1.02	41.454	0.31
136.05	15.78	1.34	41.469	0.41
136.1	14.89	0.93	41.484	0.28
136.15	14.44	1.15	41.5	0.35
136.2	14.72	1.32	41.515	0.4
136.25	15.36	2.23	41.53	0.68
136.3	15.18	0.92	41.545	0.28
136.35	15.59	1.19	41.561	0.36
136.4	14.8	1.26	41.576	0.38
136.45	14.9	1.31	41.591	0.4
136.5	15.45	0.9	41.606	0.28
136.55	16.22	1.28	41.622	0.39
136.6	16.61	1.17	41.637	0.36
136.65	16.81	1.66	41.652	0.51
136.7	17.4	0.96	41.667	0.29
136.75	17.7	0.79	41.683	0.24
136.8	17.35	0.74	41.698	0.23
136.85	17.68	0.47	41.713	0.14
136.9	16.84	0.74	41.728	0.23
136.95	16.92	0.85	41.744	0.26
137	17.96	1.14	41.759	0.35
137.05	17.98	0.97	41.774	0.29
137.1	17.49	0.97	41.789	0.29
137.15	17.24	0.9	41.804	0.28
137.2	17.12	0.85	41.82	0.26
137.25	16.56	0.8	41.835	0.24
137.3	17.78	0.74	41.85	0.23
137.35	18.39	1.06	41.865	0.32
137.4	19.2	0.75	41.881	0.23
137.45	20.6	1.02	41.896	0.31
137.5	20.3	1.19	41.911	0.36
137.55	20.15	0.98	41.926	0.3
137.6	19.57	1.1	41.942	0.34
137.65	20.79	0.78	41.957	0.24
137.7	20.39	1.72	41.972	0.52
137.75	21.2	1.01	41.987	0.31
137.8	21.1	1.12	42.003	0.34
137.85	21.55	1.07	42.018	0.33
137.9	21.27	1.3	42.033	0.4
137.95	19.64	0.73	42.048	0.22
138	20.32	0.67	42.064	0.2
138.05	21.66	2.38	42.079	0.73
138.1	21.33	1.49	42.094	0.45
138.15	22.16	2.09	42.109	0.64
138.2	22.08	1.95	42.125	0.59
138.25	22.04	0.61	42.14	0.19
138.3	20.52	0.72	42.155	0.22
138.35	19.26	1.4	42.17	0.43
138.4	19.63	0.81	42.185	0.25
138.45	19.82	0.97	42.201	0.3
138.5	19.91	1.05	42.216	0.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.55	19.95	4.82	42.231	1.47
138.6	21.48	0.88	42.246	0.27
138.65	20.74	1.74	42.262	0.53
138.7	20.87	0.79	42.277	0.24
138.75	21.93	4.16	42.292	1.27
138.8	20.97	1.14	42.307	0.35
138.85	21.48	3.48	42.323	1.06
138.9	22.24	2.14	42.338	0.65
138.95	22.12	3.58	42.353	1.09
139	22.06	1.31	42.368	0.4
139.05	21.53	1.95	42.384	0.6
139.1	21.77	2.26	42.399	0.69
139.15	22.38	1.58	42.414	0.48
139.2	22.69	1.37	42.429	0.42
139.25	22.85	2.45	42.445	0.75
139.3	23.92	1.96	42.46	0.6
139.35	22.96	2.23	42.475	0.68
139.4	23.48	2.42	42.49	0.74
139.45	23.74	2.11	42.506	0.64
139.5	22.87	0.94	42.521	0.29
139.55	22.44	0.37	42.536	0.11
139.6	22.22	0.79	42.551	0.24
139.65	22.11	0.94	42.567	0.29
139.7	23.05	1.02	42.582	0.31
139.75	22.53	1.31	42.597	0.4
139.8	22.76	1.77	42.612	0.54
139.85	22.88	1.07	42.627	0.33
139.9	21.94	0.84	42.643	0.26
139.95	21.97	0.79	42.658	0.24
140	21.99	4.44	42.673	1.35
140.05	21.99	0.72	42.688	0.22
140.1	23	1.57	42.704	0.48
140.15	22	1.47	42.719	0.45
140.2	21	1.87	42.734	0.57
140.25	20.5	1.52	42.749	0.46
140.3	19.25	2	42.765	0.61
140.35	19.62	2.62	42.78	0.8
140.4	19.31	3.23	42.795	0.98
140.45	19.66	1.69	42.81	0.52
140.5	20.33	1.91	42.826	0.58
140.55	20.16	1.38	42.841	0.42
140.6	19.58	1.85	42.856	0.56
140.65	19.79	1.27	42.871	0.39
140.7	18.9	0.83	42.887	0.25
140.75	19.45	0.86	42.902	0.26
140.8	19.22	0.58	42.917	0.18
140.85	19.61	0.93	42.932	0.28
140.9	19.31	1.04	42.948	0.32
140.95	19.15	0.87	42.963	0.26
141	19.58	0.93	42.978	0.28
141.05	18.79	1.4	42.993	0.43
141.1	17.89	1.75	43.008	0.53
141.15	18.95	1.03	43.024	0.31
141.2	19.47	0.92	43.039	0.28
141.25	18.74	1.84	43.054	0.56
141.3	19.87	1.2	43.069	0.36
141.35	20.93	1.43	43.085	0.43
141.4	20.47	1.35	43.1	0.41
141.45	20.73	2.39	43.115	0.73
141.5	20.87	1.38	43.13	0.42
141.55	20.93	1.8	43.146	0.55
141.6	21.97	1.71	43.161	0.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.65	21.98	3.58	43.176	1.09
141.7	21.99	1.28	43.191	0.39
141.75	22	1.98	43.207	0.6
141.8	21.5	1.27	43.222	0.39
141.85	21.75	1.46	43.237	0.44
141.9	19.87	1.73	43.252	0.53
141.95	19.44	1.02	43.268	0.31
142	17.72	1.16	43.283	0.35
142.05	17.36	0.89	43.298	0.27
142.1	16.68	1.45	43.313	0.44
142.15	15.34	1.12	43.329	0.34
142.2	17.17	1.4	43.344	0.43
142.25	17.58	1.01	43.359	0.31
142.3	17.79	1.44	43.374	0.44
142.35	17.9	1.38	43.39	0.42
142.4	18.45	1.02	43.405	0.31
142.45	18.22	1.11	43.42	0.34
142.5	19.11	1.46	43.435	0.45
142.55	19.06	1.16	43.45	0.35
142.6	21.03	1.36	43.466	0.41
142.65	21.01	1.42	43.481	0.43
142.7	21.01	1.82	43.496	0.55
142.75	22	1.61	43.511	0.49
142.8	21.5	2.26	43.527	0.69
142.85	21.75	2.09	43.542	0.64
142.9	21.38	1.68	43.557	0.51
142.95	21.69	1.56	43.572	0.48
143	21.84	1.95	43.588	0.59
143.05	21.92	2.39	43.603	0.73
143.1	22.46	3.09	43.618	0.94
143.15	22.23	2.93	43.633	0.89
143.2	22.12	3.97	43.649	1.21
143.25	21.56	2.9	43.664	0.88
143.3	21.28	1.35	43.679	0.41
143.35	20.64	3.28	43.694	1
143.4	19.32	1.56	43.71	0.48
143.45	19.66	2.1	43.725	0.64
143.5	18.83	2.23	43.74	0.68
143.55	19.41	3.1	43.755	0.95
143.6	20.21	2.75	43.771	0.84
143.65	19.6	3.42	43.786	1.04
143.7	18.8	2.81	43.801	0.86
143.75	18.4	8.33	43.816	2.54
143.8	17.7	2.73	43.832	0.83
143.85	16.85	3.19	43.847	0.97
143.9	16.43	2.47	43.862	0.75
143.95	15.71	3.16	43.877	0.96
144	16.36	4.08	43.892	1.24
144.05	16.18	3.01	43.908	0.92
144.1	15.59	3.32	43.923	1.01
144.15	15.29	6.63	43.938	2.02
144.2	15.15	4.75	43.953	1.45
144.25	15.07	3.83	43.969	1.17
144.3	15.04	4.02	43.984	1.22
144.35	15.52	5.51	43.999	1.68
144.4	15.26	4.34	44.014	1.32
144.45	15.63	2.66	44.03	0.81
144.5	15.31	3.53	44.045	1.08
144.55	15.16	1.95	44.06	0.59
144.6	15.08	2.42	44.075	0.74
144.65	16.04	1.59	44.091	0.48
144.7	17.02	2.08	44.106	0.64

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.75	18.01	2.2	44.121	0.67
144.8	20	4.06	44.136	1.24
144.85	21	3.49	44.152	1.06
144.9	21	2.45	44.167	0.75
144.95	21	2.55	44.182	0.78
145	22.5	3.17	44.197	0.96
145.05	21.25	2.69	44.213	0.82
145.1	20.63	2.71	44.228	0.82
145.15	20.31	2.8	44.243	0.85
145.2	20.66	4.19	44.258	1.28
145.25	19.83	2.88	44.273	0.88
145.3	20.91	4.55	44.289	1.39
145.35	19.96	3.48	44.304	1.06
145.4	20.48	4.21	44.319	1.28
145.45	21.24	5.27	44.334	1.61
145.5	21.62	4.68	44.35	1.43
145.55	20.81	3.73	44.365	1.14
145.6	21.9	4.08	44.38	1.24
145.65	21.95	4.24	44.395	1.29
145.7	22.48	4.15	44.411	1.27
145.75	21.74	3.29	44.426	1
145.8	20.87	3.32	44.441	1.01
145.85	19.93	3.87	44.456	1.18
145.9	19.47	3.52	44.472	1.07
145.95	19.73	2.85	44.487	0.87
146	20.87	2.89	44.502	0.88
146.05	20.93	3.79	44.517	1.15
146.1	19.97	4.05	44.533	1.23
146.15	19.98	3.06	44.548	0.93
146.2	19.99	2.71	44.563	0.83
146.25	19.5	4.45	44.578	1.36
146.3	19.75	3.45	44.594	1.05
146.35	19.87	3.26	44.609	0.99
146.4	18.94	3.55	44.624	1.08
146.45	19.97	3.24	44.639	0.99
146.5	21.48	4.16	44.655	1.27
146.55	22.74	4.54	44.67	1.38
146.6	23.87	4.45	44.685	1.36
146.65	22.94	3.73	44.7	1.14
146.7	22.97	3.67	44.715	1.12
146.75	22.48	5.29	44.731	1.61
146.8	21.24	3.14	44.746	0.96
146.85	20.12	3.63	44.761	1.11
146.9	19.56	3.25	44.776	0.99
146.95	19.28	3.31	44.792	1.01
147	20.14	2.92	44.807	0.89
147.05	20.07	2.81	44.822	0.86
147.1	19.54	3.68	44.837	1.12
147.15	19.77	3.19	44.853	0.97
147.2	20.38	3.3	44.868	1.01
147.25	20.19	3.95	44.883	1.2
147.3	20.6	4.41	44.898	1.34
147.35	20.8	3.61	44.914	1.1
147.4	20.4	4.25	44.929	1.29
147.45	20.7	5.19	44.944	1.58
147.5	20.35	3.99	44.959	1.22
147.55	21.17	3.39	44.975	1.03
147.6	23.09	3.46	44.99	1.05
147.65	25.54	3.85	45.005	1.17
147.7	32.77	3.07	45.02	0.94
147.75	45.39	2.89	45.036	0.88
147.8	45.69	2.5	45.051	0.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.85	69.85	3.22	45.066	0.98
147.9	122.42	2.41	45.081	0.73
147.95	87.21	3.08	45.097	0.94
148	87.11	2.18	45.112	0.67
148.05	69.55	1.95	45.127	0.59
148.1	55.78	4.54	45.142	1.38
148.15	51.89	1.65	45.157	0.5
148.2	45.94	2.2	45.173	0.67
148.25	45.47	3.71	45.188	1.13
148.3	44.74	2.69	45.203	0.82
148.35	45.37	3.5	45.218	1.07
148.4	47.68	2.77	45.234	0.84
148.45	46.84	3.56	45.249	1.09
148.5	42.42	4.36	45.264	1.33
148.55	38.21	2.2	45.279	0.67
148.6	32.11	0.71	45.295	0.22
148.65	28.55	1.49	45.31	0.45

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Sat Jun 07 2008 16:56

LOG END DEPTH: 140.854 FEET

LOG END TIME: Sat Jun 07 2008 20:41

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	2	3.71	0	1.13
0.05	2	8.7	0.015	2.65
0.1	3	7.19	0.03	2.19
0.15	3	5.9	0.046	1.8
0.2	3.5	10.08	0.061	3.07
0.25	3.25	4.4	0.076	1.34
0.3	3.62	8.09	0.091	2.47
0.35	3.31	16.44	0.107	5.01
0.4	3.16	8.85	0.122	2.7
0.45	3.08	7.94	0.137	2.42
0.5	3.04	8.69	0.152	2.65
0.55	3.02	9.44	0.168	2.88
0.6	3.01	11.67	0.183	3.56
0.65	2	8	0.198	2.44
0.7	2.5	5.5	0.213	1.68
0.75	2.75	12.62	0.229	3.85
0.8	3.38	10.43	0.244	3.18
0.85	4.19	1.98	0.259	0.6
0.9	4.59	6.65	0.274	2.03
0.95	4.3	3.18	0.29	0.97
1	3.65	9.89	0.305	3.01
1.05	2.32	14.45	0.32	4.41
1.1	2.66	5.93	0.335	1.81
1.15	2.33	12.75	0.351	3.89
1.2	2.17	8.93	0.366	2.72
1.25	3.58	6.79	0.381	2.07
1.3	4.29	7.43	0.396	2.26
1.35	5.15	8.19	0.411	2.5
1.4	4.57	3.5	0.427	1.07
1.45	2.79	8.18	0.442	2.49
1.5	2.89	5.47	0.457	1.67
1.55	2.45	9.05	0.472	2.76
1.6	2.72	6.77	0.488	2.06
1.65	2.86	9.25	0.503	2.82
1.7	2.93	8.2	0.518	2.5
1.75	3.47	7.84	0.533	2.39
1.8	4.23	9.86	0.549	3
1.85	5.12	4.88	0.564	1.49
1.9	5.06	2.46	0.579	0.75
1.95	5.03	3.86	0.594	1.18
2	4.51	4.93	0.61	1.5
2.05	4.26	7.98	0.625	2.43
2.1	3.63	5.59	0.64	1.7
2.15	2.81	0.44	0.655	0.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	3.41	7.15	0.671	2.18
2.25	4.2	7.03	0.686	2.14
2.3	4.1	2.14	0.701	0.65
2.35	3.55	8.88	0.716	2.71
2.4	3.78	12.59	0.732	3.84
2.45	3.89	11.49	0.747	3.5
2.5	3.44	11.13	0.762	3.39
2.55	3.22	2.41	0.777	0.74
2.6	2.61	9.02	0.792	2.75
2.65	1.81	4.54	0.808	1.38
2.7	2.9	5.26	0.823	1.6
2.75	2.95	10.84	0.838	3.3
2.8	2.98	12.31	0.853	3.75
2.85	2.99	3.64	0.869	1.11
2.9	2.49	2.35	0.884	0.72
2.95	2.75	2.87	0.899	0.87
3	3.37	8.34	0.914	2.54
3.05	3.19	9.12	0.93	2.78
3.1	3.59	3.3	0.945	1.01
3.15	3.8	1.64	0.96	0.5
3.2	3.4	1.01	0.975	0.31
3.25	3.7	0	0.991	0
3.3	4.35	2.72	1.006	0.83
3.35	3.17	1.17	1.021	0.36
3.4	3.09	5.2	1.036	1.58
3.45	3.04	1.43	1.052	0.44
3.5	3.02	4.03	1.067	1.23
3.55	3.01	10.61	1.082	3.23
3.6	2.51	8.59	1.097	2.62
3.65	1.75	9.07	1.113	2.76
3.7	1.88	9.71	1.128	2.96
3.75	2.44	10.65	1.143	3.25
3.8	3.22	10.1	1.158	3.08
3.85	3.61	7.81	1.173	2.38
3.9	3.3	6.24	1.189	1.9
3.95	3.15	13.5	1.204	4.12
4	3.08	9.63	1.219	2.94
4.05	3.04	14.61	1.234	4.45
4.1	3.52	6.05	1.25	1.84
4.15	3.76	3.68	1.265	1.12
4.2	3.88	0	1.28	0
4.25	4.44	4.58	1.295	1.4
4.3	4.22	9.46	1.311	2.88
4.35	4.61	5.3	1.326	1.61
4.4	4.8	14.67	1.341	4.47
4.45	3.9	12.48	1.356	3.8
4.5	2.95	13.43	1.372	4.09
4.55	2.48	4.45	1.387	1.36
4.6	2.74	10.07	1.402	3.07
4.65	1.87	5.33	1.417	1.63
4.7	1.93	14.85	1.433	4.53
4.75	1.97	4.98	1.448	1.52
4.8	1.48	8.93	1.463	2.72
4.85	1.24	3.7	1.478	1.13
4.9	2.12	4.01	1.494	1.22
4.95	2.56	14.57	1.509	4.44
5	2.28	9.19	1.524	2.8
5.05	3.14	6.94	1.539	2.11
5.1	4.07	12.01	1.554	3.66
5.15	3.04	13.45	1.57	4.1
5.2	3.02	1.44	1.585	0.44
5.25	3.01	2.65	1.6	0.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	3	8.9	1.615	2.71
5.35	4	11.36	1.631	3.46
5.4	2.5	5.46	1.646	1.66
5.45	1.25	2.79	1.661	0.85
5.5	1.63	2.06	1.676	0.63
5.55	1.81	5.26	1.692	1.6
5.6	0.91	1.44	1.707	0.44
5.65	0.95	5.59	1.722	1.7
5.7	1.48	10.81	1.737	3.3
5.75	1.24	3.24	1.753	0.99
5.8	1.62	12.34	1.768	3.76
5.85	1.31	13.81	1.783	4.21
5.9	1.65	7.29	1.798	2.22
5.95	1.33	9.31	1.814	2.84
6	1.16	8.69	1.829	2.65
6.05	1.08	7.9	1.844	2.41
6.1	1.04	6.31	1.859	1.92
6.15	1.02	5.43	1.875	1.66
6.2	1.01	9.54	1.89	2.91
6.25	1.01	10.88	1.905	3.32
6.3	0.5	6.99	1.92	2.13
6.35	0.25	9.84	1.935	3
6.4	0.63	15.07	1.951	4.59
6.45	0.81	9.15	1.966	2.79
6.5	0.91	7.64	1.981	2.33
6.55	1.45	2.35	1.996	0.72
6.6	1.23	6.43	2.012	1.96
6.65	1.11	8.76	2.027	2.67
6.7	1.06	6.03	2.042	1.84
6.75	1.03	13.15	2.057	4.01
6.8	1.01	9.51	2.073	2.9
6.85	2.01	12.08	2.088	3.68
6.9	3	7.91	2.103	2.41
6.95	2	5.99	2.118	1.83
7	2.5	4.22	2.134	1.28
7.05	2.75	12.13	2.149	3.7
7.1	2.38	4.92	2.164	1.5
7.15	2.69	10.19	2.179	3.11
7.2	2.34	8.46	2.195	2.58
7.25	2.17	4.43	2.21	1.35
7.3	2.09	14.26	2.225	4.35
7.35	2.04	8.43	2.24	2.57
7.4	2.02	8.65	2.256	2.64
7.45	2.01	15.57	2.271	4.75
7.5	3.01	2.25	2.286	0.69
7.55	3	3.38	2.301	1.03
7.6	2.5	7.21	2.316	2.2
7.65	3.75	4.31	2.332	1.32
7.7	3.88	10.29	2.347	3.14
7.75	3.94	7.48	2.362	2.28
7.8	3.97	3.75	2.377	1.14
7.85	3.98	9.37	2.393	2.86
7.9	3.49	6.3	2.408	1.92
7.95	3.75	4.59	2.423	1.4
8	3.37	8.87	2.438	2.7
8.05	3.19	4.93	2.454	1.5
8.1	4.09	0	2.469	0
8.15	3.05	4.09	2.484	1.25
8.2	2.52	4.98	2.499	1.52
8.25	2.76	6.26	2.515	1.91
8.3	2.88	4.81	2.53	1.47
8.35	2.44	7.53	2.545	2.3

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	2.22	4.98	2.56	1.52
8.45	2.61	3.98	2.576	1.21
8.5	2.31	6.61	2.591	2.02
8.55	2.65	2.97	2.606	0.91
8.6	2.83	4.84	2.621	1.48
8.65	2.91	6.67	2.637	2.03
8.7	2.46	9.26	2.652	2.82
8.75	2.23	7.99	2.667	2.44
8.8	1.61	7.33	2.682	2.23
8.85	2.31	11.81	2.697	3.6
8.9	2.65	12.65	2.713	3.86
8.95	2.33	8.43	2.728	2.57
9	2.16	11.92	2.743	3.63
9.05	2.08	16.67	2.758	5.08
9.1	2.04	13.22	2.774	4.03
9.15	3.02	10.6	2.789	3.23
9.2	2.51	11.73	2.804	3.57
9.25	3.26	11.87	2.819	3.62
9.3	2.63	8.18	2.835	2.49
9.35	2.81	10.71	2.85	3.27
9.4	2.41	11.75	2.865	3.58
9.45	2.2	11.03	2.88	3.36
9.5	2.1	15.33	2.896	4.67
9.55	2.55	6.32	2.911	1.93
9.6	2.78	9.77	2.926	2.98
9.65	2.89	9.98	2.941	3.04
9.7	2.44	7.14	2.957	2.18
9.75	2.22	12.21	2.972	3.72
9.8	2.11	9.66	2.987	2.94
9.85	1.56	10.05	3.002	3.06
9.9	1.28	8	3.018	2.44
9.95	1.64	13.38	3.033	4.08
10	1.82	14.51	3.048	4.42
10.05	1.41	12.18	3.063	3.71
10.1	1.2	16.9	3.078	5.15
10.15	1.1	10.21	3.094	3.11
10.2	1.55	11.19	3.109	3.41
10.25	2.28	6.08	3.124	1.85
10.3	2.14	14.36	3.139	4.38
10.35	2.57	7.35	3.155	2.24
10.4	1.78	10.79	3.17	3.29
10.45	1.89	6.8	3.185	2.07
10.5	1.95	5.62	3.2	1.71
10.55	1.97	10.25	3.216	3.12
10.6	1.99	4.6	3.231	1.4
10.65	1.99	9.42	3.246	2.87
10.7	1	8.52	3.261	2.6
10.75	1.5	13.76	3.277	4.19
10.8	2.25	9.41	3.292	2.87
10.85	1.62	8.79	3.307	2.68
10.9	1.31	8.36	3.322	2.55
10.95	2.16	13.92	3.338	4.24
11	2.08	6.2	3.353	1.89
11.05	2.04	9.4	3.368	2.86
11.1	2.02	5.47	3.383	1.67
11.15	2.01	8.73	3.399	2.66
11.2	2.5	6.45	3.414	1.97
11.25	2.25	13.38	3.429	4.08
11.3	1.63	10.06	3.444	3.07
11.35	1.81	12.23	3.459	3.73
11.4	2.41	8.63	3.475	2.63
11.45	2.2	8.01	3.49	2.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	1.6	9.47	3.505	2.89
11.55	1.8	8.92	3.52	2.72
11.6	1.4	9.35	3.536	2.85
11.65	1.7	13.69	3.551	4.17
11.7	1.85	13.53	3.566	4.12
11.75	1.43	12.44	3.581	3.79
11.8	0.71	10.3	3.597	3.14
11.85	0.86	10.37	3.612	3.16
11.9	0.43	11.56	3.627	3.52
11.95	0.21	6.05	3.642	1.85
12	0.11	6.25	3.658	1.91
12.05	0.05	9.69	3.673	2.95
12.1	0.03	14.41	3.688	4.39
12.15	0.01	12.51	3.703	3.81
12.2	0.01	13.85	3.719	4.22
12.25	0	12.12	3.734	3.69
12.3	0	12.83	3.749	3.91
12.35	0	9.89	3.764	3.02
12.4	0	15.33	3.78	4.67
12.45	0	10.35	3.795	3.15
12.5	0	12	3.81	3.66
12.55	0	2.64	3.825	0.8
12.6	0	13.11	3.84	4
12.65	0	12.07	3.856	3.68
12.7	0	7.65	3.871	2.33
12.75	0	8.01	3.886	2.44
12.8	0	5.76	3.901	1.76
12.85	0	9.31	3.917	2.84
12.9	0	2.27	3.932	0.69
12.95	0	11.88	3.947	3.62
13	1	7.51	3.962	2.29
13.05	2	2.48	3.978	0.76
13.1	2	8.33	3.993	2.54
13.15	2.5	6.91	4.008	2.11
13.2	2.25	13.6	4.023	4.14
13.25	2.12	8.96	4.039	2.73
13.3	2.06	11.39	4.054	3.47
13.35	2.03	7.9	4.069	2.41
13.4	1.52	8.44	4.084	2.57
13.45	1.76	16.86	4.1	5.14
13.5	2.38	11.77	4.115	3.59
13.55	2.19	11.96	4.13	3.64
13.6	2.09	11.9	4.145	3.63
13.65	2.05	12.38	4.161	3.77
13.7	1.52	13.35	4.176	4.07
13.75	1.26	13.33	4.191	4.06
13.8	2.13	11.95	4.206	3.64
13.85	2.07	12.12	4.221	3.69
13.9	2.03	10.11	4.237	3.08
13.95	2.52	15.45	4.252	4.71
14	2.76	12.43	4.267	3.79
14.05	2.88	16.24	4.282	4.95
14.1	2.94	12.28	4.298	3.74
14.15	2.47	10.81	4.313	3.3
14.2	2.23	11.37	4.328	3.47
14.25	2.12	12.59	4.343	3.84
14.3	2.06	16.83	4.359	5.13
14.35	2.53	8.47	4.374	2.58
14.4	2.76	15.82	4.389	4.82
14.45	2.88	9.82	4.404	2.99
14.5	2.44	17.5	4.42	5.33
14.55	2.22	11.88	4.435	3.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	2.61	5.23	4.45	1.6
14.65	2.31	10.82	4.465	3.3
14.7	2.15	12.86	4.481	3.92
14.75	2.08	11.72	4.496	3.57
14.8	2.04	17.3	4.511	5.27
14.85	2.02	10.42	4.526	3.18
14.9	2.01	10.91	4.542	3.33
14.95	2	12.23	4.557	3.73
15	2.5	14.19	4.572	4.33
15.05	2.75	17.52	4.587	5.34
15.1	2.38	12.31	4.602	3.75
15.15	2.19	11.13	4.618	3.39
15.2	2.09	11.84	4.633	3.61
15.25	2.55	13.14	4.648	4
15.3	2.27	13.31	4.663	4.06
15.35	2.14	14.6	4.679	4.45
15.4	2.57	12.55	4.694	3.83
15.45	2.78	11.31	4.709	3.45
15.5	2.39	13.68	4.724	4.17
15.55	2.7	12.14	4.74	3.7
15.6	2.85	12.01	4.755	3.66
15.65	1.92	14.01	4.77	4.27
15.7	2.96	12.16	4.785	3.71
15.75	1.98	9.47	4.801	2.89
15.8	1.49	7.63	4.816	2.33
15.85	1.75	12.73	4.831	3.88
15.9	1.87	13.62	4.846	4.15
15.95	1.94	9.15	4.862	2.79
16	1.97	10.16	4.877	3.1
16.05	1.48	15.59	4.892	4.75
16.1	2.24	10.41	4.907	3.17
16.15	2.12	13.53	4.923	4.12
16.2	2.06	14.29	4.938	4.36
16.25	2.03	13.43	4.953	4.09
16.3	2.02	7.3	4.968	2.23
16.35	2.01	8.35	4.983	2.54
16.4	2.5	5.97	4.999	1.82
16.45	2.25	11.64	5.014	3.55
16.5	2.13	14.47	5.029	4.41
16.55	2.06	6.86	5.044	2.09
16.6	1.53	8.6	5.06	2.62
16.65	1.77	6.89	5.075	2.1
16.7	1.38	15.22	5.09	4.64
16.75	2.19	11.54	5.105	3.52
16.8	1.6	12.31	5.121	3.75
16.85	1.8	8.17	5.136	2.49
16.9	1.9	12.6	5.151	3.84
16.95	1.95	8.04	5.166	2.45
17	1.97	12.01	5.182	3.66
17.05	2.49	9.17	5.197	2.79
17.1	2.74	8.59	5.212	2.62
17.15	2.87	13.15	5.227	4.01
17.2	2.44	16.74	5.243	5.1
17.25	2.22	9.22	5.258	2.81
17.3	2.11	11.06	5.273	3.37
17.35	2.05	15.59	5.288	4.75
17.4	2.03	9.51	5.304	2.9
17.45	2.01	13.73	5.319	4.19
17.5	2.01	16.83	5.334	5.13
17.55	2	8.96	5.349	2.73
17.6	2	12.51	5.364	3.81
17.65	1.5	17.05	5.38	5.2

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17.7	1.75	10.69	5.395	3.26
17.75	0.88	8.86	5.41	2.7
17.8	1.94	10.26	5.425	3.13
17.85	2.47	13.21	5.441	4.03
17.9	2.73	13.2	5.456	4.02
17.95	1.87	3.01	5.471	0.92
18	1.93	6.13	5.486	1.87
18.05	1.97	7.68	5.502	2.34
18.1	1.48	5.23	5.517	1.59
18.15	1.24	10.03	5.532	3.06
18.2	1.62	8.24	5.547	2.51
18.25	1.81	8.93	5.563	2.72
18.3	1.91	8.86	5.578	2.7
18.35	1.95	8	5.593	2.44
18.4	1.48	9.45	5.608	2.88
18.45	1.74	12.67	5.624	3.86
18.5	1.37	10.42	5.639	3.18
18.55	1.18	12.7	5.654	3.87
18.6	1.09	7.64	5.669	2.33
18.65	1.55	13.12	5.685	4
18.7	1.27	10.32	5.7	3.14
18.75	1.14	10.16	5.715	3.1
18.8	1.07	11.46	5.73	3.49
18.85	1.53	11.81	5.745	3.6
18.9	1.77	10.93	5.761	3.33
18.95	1.38	10.1	5.776	3.08
19	1.19	9.07	5.791	2.76
19.05	1.1	11.19	5.806	3.41
19.1	1.55	11.87	5.822	3.62
19.15	1.27	13.73	5.837	4.19
19.2	1.64	10.56	5.852	3.22
19.25	1.82	10.08	5.867	3.07
19.3	1.91	7.88	5.883	2.4
19.35	1.45	8.39	5.898	2.56
19.4	1.73	14.63	5.913	4.46
19.45	1.36	13.7	5.928	4.17
19.5	1.18	11.92	5.944	3.63
19.55	1.09	11.66	5.959	3.55
19.6	1.05	13.78	5.974	4.2
19.65	1.02	12.64	5.989	3.85
19.7	1.01	15.5	6.005	4.72
19.75	1.51	10.96	6.02	3.34
19.8	1.25	12.72	6.035	3.88
19.85	1.63	11.74	6.05	3.58
19.9	1.31	11.57	6.066	3.53
19.95	1.66	11.68	6.081	3.56
20	1.33	13.14	6.096	4
20.05	1.16	12.04	6.111	3.67
20.1	1.08	15.1	6.126	4.6
20.15	1.04	10.62	6.142	3.24
20.2	1.52	11.14	6.157	3.4
20.25	1.26	8.14	6.172	2.48
20.3	1.63	15.11	6.187	4.61
20.35	1.32	12.61	6.203	3.85
20.4	1.16	9.55	6.218	2.91
20.45	1.58	10.34	6.233	3.15
20.5	1.29	11.11	6.248	3.39
20.55	1.64	9.06	6.264	2.76
20.6	1.32	13.5	6.279	4.11
20.65	1.16	10.82	6.294	3.3
20.7	1.08	9.19	6.309	2.8
20.75	1.04	9.25	6.325	2.82

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20.8	1.52	11.16	6.34	3.4
20.85	1.76	12.03	6.355	3.67
20.9	1.88	9.92	6.37	3.02
20.95	1.44	12.26	6.386	3.74
21	1.72	9.92	6.401	3.02
21.05	1.36	11.68	6.416	3.56
21.1	1.18	10.67	6.431	3.25
21.15	1.09	11.37	6.447	3.46
21.2	1.05	11.69	6.462	3.56
21.25	1.02	10.19	6.477	3.11
21.3	1.01	10.8	6.492	3.29
21.35	1.01	11.19	6.507	3.41
21.4	1.5	9.42	6.523	2.87
21.45	1.25	12.78	6.538	3.9
21.5	1.13	9.53	6.553	2.91
21.55	1.06	10.37	6.568	3.16
21.6	1.53	11.11	6.584	3.39
21.65	1.77	8.14	6.599	2.48
21.7	1.38	13.06	6.614	3.98
21.75	1.19	10.48	6.629	3.19
21.8	1.1	12.52	6.645	3.82
21.85	1.55	12.16	6.66	3.71
21.9	1.77	10.56	6.675	3.22
21.95	1.39	10.13	6.69	3.09
22	1.19	10.03	6.706	3.06
22.05	1.6	13.13	6.721	4
22.1	1.8	12.07	6.736	3.68
22.15	1.9	11.08	6.751	3.38
22.2	1.95	11.51	6.767	3.51
22.25	1.47	10.87	6.782	3.31
22.3	1.74	7.96	6.797	2.43
22.35	1.37	11.06	6.812	3.37
22.4	1.68	11.49	6.828	3.5
22.45	1.34	11.87	6.843	3.62
22.5	1.67	12.58	6.858	3.84
22.55	1.34	14.26	6.873	4.35
22.6	1.17	11.99	6.888	3.65
22.65	1.08	11.6	6.904	3.53
22.7	1.04	13.1	6.919	3.99
22.75	1.02	8.32	6.934	2.53
22.8	2.01	14.49	6.949	4.42
22.85	1.51	10.3	6.965	3.14
22.9	1.75	10.04	6.98	3.06
22.95	1.38	2.57	6.995	0.78
23	1.19	5.19	7.01	1.58
23.05	1.59	5.53	7.026	1.69
23.1	1.3	5.95	7.041	1.81
23.15	1.15	7.45	7.056	2.27
23.2	0.57	6.73	7.071	2.05
23.25	0.79	5.99	7.087	1.83
23.3	0.89	6.06	7.102	1.85
23.35	0.95	7.34	7.117	2.24
23.4	0.47	6.48	7.132	1.97
23.45	0.74	4.13	7.148	1.26
23.5	0.87	5.6	7.163	1.71
23.55	0.93	7.63	7.178	2.33
23.6	0.97	5.51	7.193	1.68
23.65	0.98	6.58	7.208	2
23.7	0.99	9.08	7.224	2.77
23.75	1	6.76	7.239	2.06
23.8	1.5	7.4	7.254	2.25
23.85	1.25	5.42	7.269	1.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	1.12	5.77	7.285	1.76
23.95	1.06	4.56	7.3	1.39
24	1.03	9.29	7.315	2.83
24.05	1.02	7.16	7.33	2.18
24.1	1.01	6.9	7.346	2.1
24.15	1	6.79	7.361	2.07
24.2	1	6.61	7.376	2.01
24.25	1.5	5.77	7.391	1.76
24.3	1.25	8.46	7.407	2.58
24.35	1.13	4.88	7.422	1.49
24.4	1.06	8.07	7.437	2.46
24.45	1.53	6.15	7.452	1.87
24.5	1.27	6.67	7.468	2.03
24.55	1.13	7.51	7.483	2.29
24.6	1.07	7.15	7.498	2.18
24.65	1.53	7.5	7.513	2.29
24.7	1.77	9.79	7.529	2.98
24.75	1.38	8.22	7.544	2.5
24.8	1.69	7.7	7.559	2.35
24.85	1.35	8.6	7.574	2.62
24.9	1.17	8.17	7.589	2.49
24.95	1.09	7.81	7.605	2.38
25	1.04	9.09	7.62	2.77
25.05	1.02	10.54	7.635	3.21
25.1	1.01	10.06	7.65	3.07
25.15	1.01	9.06	7.666	2.76
25.2	1.5	9.23	7.681	2.81
25.25	1.25	11.93	7.696	3.64
25.3	1.13	11.32	7.711	3.45
25.35	1.56	9.51	7.727	2.9
25.4	1.78	10.1	7.742	3.08
25.45	1.39	9.74	7.757	2.97
25.5	1.7	8.78	7.772	2.68
25.55	1.85	11.3	7.788	3.45
25.6	1.42	10.19	7.803	3.11
25.65	1.21	10.31	7.818	3.14
25.7	1.61	10.65	7.833	3.25
25.75	1.8	12.13	7.849	3.7
25.8	1.9	10.54	7.864	3.21
25.85	1.95	9.03	7.879	2.75
25.9	1.48	11.04	7.894	3.37
25.95	1.74	11.83	7.91	3.61
26	1.37	10.58	7.925	3.22
26.05	1.68	11.11	7.94	3.39
26.1	1.34	10.28	7.955	3.13
26.15	1.67	10.33	7.97	3.15
26.2	1.84	10.56	7.986	3.22
26.25	1.42	11.39	8.001	3.47
26.3	1.71	10.97	8.016	3.34
26.35	1.35	10.8	8.031	3.29
26.4	1.18	10.68	8.047	3.26
26.45	1.59	10	8.062	3.05
26.5	1.29	11.25	8.077	3.43
26.55	1.65	9.78	8.092	2.98
26.6	1.32	12.77	8.108	3.89
26.65	1.16	10.22	8.123	3.12
26.7	1.58	10.58	8.138	3.23
26.75	1.79	10.31	8.153	3.14
26.8	1.4	9.57	8.169	2.92
26.85	1.2	9.34	8.184	2.85
26.9	1.1	10.92	8.199	3.33
26.95	1.55	10.41	8.214	3.17

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	1.27	11.51	8.23	3.51
27.05	1.64	10.52	8.245	3.21
27.1	1.32	8.16	8.26	2.49
27.15	1.16	10.85	8.275	3.31
27.2	1.08	10.08	8.291	3.07
27.25	1.04	12.12	8.306	3.69
27.3	1.02	9.78	8.321	2.98
27.35	1.51	10.14	8.336	3.09
27.4	1.25	9.6	8.351	2.93
27.45	1.13	10.64	8.367	3.24
27.5	1.06	10.79	8.382	3.29
27.55	1.03	10.38	8.397	3.17
27.6	1.52	8.63	8.412	2.63
27.65	1.76	7.66	8.428	2.34
27.7	1.38	9.27	8.443	2.83
27.75	1.19	7.72	8.458	2.35
27.8	1.09	9.5	8.473	2.9
27.85	1.05	9.17	8.489	2.79
27.9	1.02	10.73	8.504	3.27
27.95	1.01	6.84	8.519	2.09
28	1.01	8.59	8.534	2.62
28.05	1	5.48	8.55	1.67
28.1	1	5.65	8.565	1.72
28.15	1	8.05	8.58	2.45
28.2	1	7.43	8.595	2.27
28.25	1	7.63	8.611	2.33
28.3	1	9.7	8.626	2.96
28.35	0.5	7.7	8.641	2.35
28.4	0.25	8.12	8.656	2.48
28.45	0.63	9.03	8.672	2.75
28.5	0.81	6.45	8.687	1.97
28.55	0.91	5.85	8.702	1.78
28.6	0.45	5.51	8.717	1.68
28.65	0.73	8.17	8.732	2.49
28.7	0.86	10.15	8.748	3.09
28.75	0.93	7.89	8.763	2.4
28.8	0.47	9.52	8.778	2.9
28.85	0.73	8	8.793	2.44
28.9	0.87	9.05	8.809	2.76
28.95	0.93	6.93	8.824	2.11
29	0.97	9.54	8.839	2.91
29.05	0.48	8.66	8.854	2.64
29.1	0.74	10.99	8.87	3.35
29.15	0.87	8.18	8.885	2.49
29.2	0.94	9.45	8.9	2.88
29.25	0.97	9.06	8.915	2.76
29.3	0.98	9.75	8.931	2.97
29.35	0.99	8.94	8.946	2.73
29.4	1	13.11	8.961	3.99
29.45	1	10.39	8.976	3.17
29.5	1	9.71	8.992	2.96
29.55	1	11.03	9.007	3.36
29.6	1	11.15	9.022	3.4
29.65	0.5	12.84	9.037	3.91
29.7	0.75	11.82	9.053	3.6
29.75	0.37	11.41	9.068	3.48
29.8	0.19	11.43	9.083	3.48
29.85	0.09	13.45	9.098	4.1
29.9	0.55	10.88	9.113	3.32
29.95	0.77	11.36	9.129	3.46
30	0.89	13.21	9.144	4.03
30.05	0.94	12.48	9.159	3.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	0.97	12	9.174	3.66
30.15	0.99	9.55	9.19	2.91
30.2	0.49	10.3	9.205	3.14
30.25	0.75	12.48	9.22	3.8
30.3	0.87	9.92	9.235	3.02
30.35	0.94	9.53	9.251	2.91
30.4	0.47	9.91	9.266	3.02
30.45	0.73	10.75	9.281	3.28
30.5	0.87	11.92	9.296	3.63
30.55	0.43	11.3	9.312	3.44
30.6	0.72	10.07	9.327	3.07
30.65	0.86	11.14	9.342	3.39
30.7	0.43	11.72	9.357	3.57
30.75	0.71	9.83	9.373	2.99
30.8	0.86	10.55	9.388	3.21
30.85	0.93	11.62	9.403	3.54
30.9	0.46	10.24	9.418	3.12
30.95	0.73	11.14	9.434	3.4
31	0.87	8.68	9.449	2.64
31.05	0.93	10.05	9.464	3.06
31.1	0.47	9.57	9.479	2.92
31.15	0.23	9.16	9.494	2.79
31.2	0.62	6.9	9.51	2.1
31.25	0.81	10.75	9.525	3.28
31.3	0.4	9.29	9.54	2.83
31.35	0.7	9.2	9.555	2.81
31.4	0.85	11.96	9.571	3.64
31.45	0.93	6.96	9.586	2.12
31.5	0.46	8.59	9.601	2.62
31.55	0.73	8.79	9.616	2.68
31.6	0.37	6.68	9.632	2.04
31.65	0.18	9.13	9.647	2.78
31.7	0.59	7.84	9.662	2.39
31.75	0.3	8.55	9.677	2.6
31.8	0.65	8.96	9.693	2.73
31.85	0.82	7.42	9.708	2.26
31.9	0.41	7.26	9.723	2.21
31.95	0.71	9.57	9.738	2.92
32	0.85	7.67	9.754	2.34
32.05	0.93	9.59	9.769	2.92
32.1	0.96	9.49	9.784	2.89
32.15	0.48	9.55	9.799	2.91
32.2	0.24	11.09	9.814	3.38
32.25	0.62	10.84	9.83	3.3
32.3	0.31	9.86	9.845	3.01
32.35	0.16	10.2	9.86	3.11
32.4	0.58	9.02	9.875	2.75
32.45	0.79	11.02	9.891	3.36
32.5	0.39	10.18	9.906	3.1
32.55	0.2	9.66	9.921	2.94
32.6	0.1	11.27	9.936	3.43
32.65	0.55	9.09	9.952	2.77
32.7	0.27	11.34	9.967	3.46
32.75	0.14	9.05	9.982	2.76
32.8	0.07	10.79	9.997	3.29
32.85	0.53	10.3	10.013	3.14
32.9	0.27	8.35	10.028	2.54
32.95	0.13	5.83	10.043	1.78
33	0.07	3.58	10.058	1.09
33.05	0.03	6.87	10.074	2.09
33.1	0.02	5.8	10.089	1.77
33.15	0.01	7.76	10.104	2.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	0	6.31	10.119	1.92
33.25	0	7.22	10.135	2.2
33.3	0	9.21	10.15	2.81
33.35	0	7.51	10.165	2.29
33.4	0.5	8.31	10.18	2.53
33.45	0.25	8.06	10.195	2.46
33.5	0.13	8.2	10.211	2.5
33.55	0.06	7.15	10.226	2.18
33.6	0.03	7.61	10.241	2.32
33.65	0.02	7.45	10.256	2.27
33.7	0.01	8.14	10.272	2.48
33.75	0.5	6.55	10.287	2
33.8	0.75	7.33	10.302	2.24
33.85	0.38	6.46	10.317	1.97
33.9	0.19	7.71	10.333	2.35
33.95	0.09	4.77	10.348	1.45
34	0.05	7.38	10.363	2.25
34.05	0.52	6.52	10.378	1.99
34.1	0.76	8.1	10.394	2.47
34.15	0.38	6.14	10.409	1.87
34.2	0.19	9.27	10.424	2.83
34.25	0.6	6.78	10.439	2.07
34.3	0.3	7.96	10.455	2.43
34.35	0.15	7.32	10.47	2.23
34.4	0.07	10.49	10.485	3.2
34.45	0.04	7.51	10.5	2.29
34.5	0.02	8.86	10.516	2.7
34.55	0.51	9.3	10.531	2.83
34.6	0.25	8.14	10.546	2.48
34.65	0.13	9.48	10.561	2.89
34.7	0.06	9.2	10.576	2.8
34.75	0.53	11.98	10.592	3.65
34.8	0.27	10.75	10.607	3.28
34.85	0.13	10.27	10.622	3.13
34.9	0.07	8.6	10.637	2.62
34.95	0.03	10.5	10.653	3.2
35	0.02	10.18	10.668	3.1
35.05	0.01	10.8	10.683	3.29
35.1	0	8.87	10.698	2.7
35.15	0	6.95	10.714	2.12
35.2	0	7.91	10.729	2.41
35.25	0	8.01	10.744	2.44
35.3	0	6.92	10.759	2.11
35.35	0	8.41	10.775	2.56
35.4	0.5	6.59	10.79	2.01
35.45	0.75	8.84	10.805	2.69
35.5	0.38	7.13	10.82	2.17
35.55	0.19	7.1	10.836	2.16
35.6	0.09	7.04	10.851	2.14
35.65	0.55	8.66	10.866	2.64
35.7	0.27	7.46	10.881	2.27
35.75	0.14	7.3	10.897	2.23
35.8	0.07	7.71	10.912	2.35
35.85	0.03	7.96	10.927	2.43
35.9	0.52	9.25	10.942	2.82
35.95	0.26	8.87	10.957	2.7
36	0.13	8.02	10.973	2.44
36.05	0.56	8.94	10.988	2.72
36.1	0.28	8.9	11.003	2.71
36.15	0.14	10.23	11.018	3.12
36.2	0.07	8.88	11.034	2.71
36.25	0.04	10.36	11.049	3.16

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36.3	0.52	9.05	11.064	2.76
36.35	0.26	9.28	11.079	2.83
36.4	0.13	10.76	11.095	3.28
36.45	0.56	9.51	11.11	2.9
36.5	0.28	7.47	11.125	2.28
36.55	0.14	9.77	11.14	2.98
36.6	0.57	10.28	11.156	3.13
36.65	0.79	8.81	11.171	2.68
36.7	0.39	8.44	11.186	2.57
36.75	0.7	8.64	11.201	2.63
36.8	0.35	8.41	11.217	2.56
36.85	0.67	8.92	11.232	2.72
36.9	0.84	8.85	11.247	2.7
36.95	0.42	7.62	11.262	2.32
37	0.21	9.15	11.278	2.79
37.05	0.1	11.09	11.293	3.38
37.1	0.05	8.53	11.308	2.6
37.15	0.03	6.82	11.323	2.08
37.2	0.51	8.14	11.338	2.48
37.25	0.26	7.41	11.354	2.26
37.3	0.13	7.7	11.369	2.35
37.35	0.06	7.76	11.384	2.37
37.4	0.03	10.23	11.399	3.12
37.45	0.52	9.79	11.415	2.98
37.5	0.26	8.49	11.43	2.59
37.55	0.13	8.14	11.445	2.48
37.6	0.56	7.99	11.46	2.44
37.65	0.78	8.59	11.476	2.62
37.7	0.39	7.48	11.491	2.28
37.75	0.2	8.22	11.506	2.5
37.8	0.1	9.02	11.521	2.75
37.85	0.05	7.45	11.537	2.27
37.9	0.02	1.71	11.552	0.52
37.95	0.01	1.81	11.567	0.55
38	0.01	5.53	11.582	1.68
38.05	0	5.98	11.598	1.82
38.1	0.5	4.11	11.613	1.25
38.15	0.25	9.72	11.628	2.96
38.2	0.13	4.76	11.643	1.45
38.25	0.56	8.71	11.659	2.66
38.3	0.78	2.28	11.674	0.7
38.35	0.39	4.67	11.689	1.42
38.4	0.2	5.86	11.704	1.79
38.45	0.6	7.54	11.719	2.3
38.5	0.3	7.01	11.735	2.14
38.55	0.15	7.31	11.75	2.23
38.6	0.57	1.66	11.765	0.5
38.65	0.79	6.1	11.78	1.86
38.7	0.39	6.04	11.796	1.84
38.75	0.7	7.38	11.811	2.25
38.8	0.35	7.24	11.826	2.21
38.85	0.17	9.17	11.841	2.8
38.9	0.09	9.27	11.857	2.82
38.95	0.54	12.31	11.872	3.75
39	0.27	12.38	11.887	3.77
39.05	0.14	9.61	11.902	2.93
39.1	0.07	8.92	11.918	2.72
39.15	0.03	11.11	11.933	3.39
39.2	0.52	10.39	11.948	3.17
39.25	0.26	8.31	11.963	2.53
39.3	0.13	11.64	11.979	3.55
39.35	0.06	6.61	11.994	2.01

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39.4	0.03	11.64	12.009	3.55
39.45	0.02	8.67	12.024	2.64
39.5	0.01	8.87	12.04	2.7
39.55	0	7.12	12.055	2.17
39.6	0	8.29	12.07	2.53
39.65	0.5	6.76	12.085	2.06
39.7	0.75	7.6	12.1	2.32
39.75	0.38	6.63	12.116	2.02
39.8	0.19	7.04	12.131	2.15
39.85	0.09	6.45	12.146	1.97
39.9	0.55	6.37	12.161	1.94
39.95	0.27	7.2	12.177	2.2
40	0.14	7.65	12.192	2.33
40.05	0.07	8.28	12.207	2.52
40.1	0.53	7.43	12.222	2.26
40.15	0.27	8.77	12.238	2.67
40.2	0.13	7.61	12.253	2.32
40.25	0.57	9.36	12.268	2.85
40.3	0.78	9.61	12.283	2.93
40.35	0.89	11.59	12.299	3.53
40.4	0.45	10.26	12.314	3.13
40.45	0.22	11.22	12.329	3.42
40.5	0.11	11.75	12.344	3.58
40.55	0.56	8.46	12.36	2.58
40.6	0.78	10.45	12.375	3.19
40.65	0.39	10.28	12.39	3.13
40.7	0.19	9.88	12.405	3.01
40.75	0.6	10.84	12.42	3.3
40.8	0.3	10.61	12.436	3.23
40.85	0.15	11.87	12.451	3.62
40.9	0.07	10.37	12.466	3.16
40.95	0.04	10.7	12.481	3.26
41	0.02	10.9	12.497	3.32
41.05	0.51	9.83	12.512	3
41.1	0.25	9.81	12.527	2.99
41.15	0.13	13.8	12.542	4.21
41.2	0.06	10.21	12.558	3.11
41.25	0.53	11.84	12.573	3.61
41.3	0.77	11.35	12.588	3.46
41.35	0.88	12.25	12.603	3.73
41.4	0.94	11.89	12.619	3.62
41.45	0.47	12.67	12.634	3.86
41.5	0.24	13.38	12.649	4.08
41.55	0.12	13.05	12.664	3.98
41.6	0.06	12.26	12.68	3.74
41.65	0.03	12	12.695	3.66
41.7	0.01	11.48	12.71	3.5
41.75	0.01	11.7	12.725	3.57
41.8	0.5	10.91	12.741	3.32
41.85	0.25	11.99	12.756	3.66
41.9	0.13	11.06	12.771	3.37
41.95	0.56	11.1	12.786	3.38
42	0.78	11.85	12.801	3.61
42.05	0.89	11.5	12.817	3.51
42.1	0.45	10.53	12.832	3.21
42.15	0.22	9.34	12.847	2.85
42.2	0.11	8.7	12.862	2.65
42.25	0.06	9.71	12.878	2.96
42.3	0.03	9.09	12.893	2.77
42.35	0.01	8.71	12.908	2.65
42.4	0.01	9.58	12.923	2.92
42.45	0	8.28	12.939	2.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	0	7.33	12.954	2.23
42.55	0	8.09	12.969	2.47
42.6	0.5	5.86	12.984	1.79
42.65	0.25	7.01	13	2.14
42.7	0.63	6.52	13.015	1.99
42.75	0.31	6.91	13.03	2.11
42.8	0.66	5.3	13.045	1.62
42.85	0.83	6.76	13.061	2.06
42.9	0.41	5.32	13.076	1.62
42.95	0.71	0.62	13.091	0.19
43	0.35	3.07	13.106	0.93
43.05	0.18	4.75	13.122	1.45
43.1	0.09	3.02	13.137	0.92
43.15	0.04	4.51	13.152	1.38
43.2	0.02	3.92	13.167	1.19
43.25	0.01	5.37	13.182	1.64
43.3	0.01	2.91	13.198	0.89
43.35	0.5	4.65	13.213	1.42
43.4	0.75	4.4	13.228	1.34
43.45	0.38	5.51	13.243	1.68
43.5	0.19	5.2	13.259	1.58
43.55	0.09	5.91	13.274	1.8
43.6	0.05	4.65	13.289	1.42
43.65	0.52	7.1	13.304	2.16
43.7	0.26	7.61	13.32	2.32
43.75	0.63	4.94	13.335	1.51
43.8	0.32	5.96	13.35	1.82
43.85	0.16	5.96	13.365	1.82
43.9	0.08	8.57	13.381	2.61
43.95	0.54	7.31	13.396	2.23
44	0.27	6.68	13.411	2.03
44.05	0.13	7.56	13.426	2.31
44.1	0.07	6.61	13.442	2.01
44.15	0.53	6.92	13.457	2.11
44.2	0.27	7.24	13.472	2.21
44.25	0.13	6.01	13.487	1.83
44.3	0.07	7.24	13.503	2.21
44.35	0.03	4.75	13.518	1.45
44.4	0.02	7.76	13.533	2.36
44.45	0.01	4.01	13.548	1.22
44.5	0.5	5.97	13.563	1.82
44.55	0.75	5.12	13.579	1.56
44.6	0.88	6.12	13.594	1.86
44.65	0.94	5.66	13.609	1.73
44.7	0.47	6.58	13.624	2
44.75	0.73	5.87	13.64	1.79
44.8	0.37	5.89	13.655	1.8
44.85	0.18	5.58	13.67	1.7
44.9	0.59	6.52	13.685	1.99
44.95	0.3	7.18	13.701	2.19
45	0.15	6.2	13.716	1.89
45.05	0.07	7.39	13.731	2.25
45.1	0.04	6.72	13.746	2.05
45.15	0.02	6.78	13.762	2.07
45.2	0.01	4.9	13.777	1.49
45.25	0	7.07	13.792	2.15
45.3	0	6.33	13.807	1.93
45.35	0	8.52	13.823	2.6
45.4	0	6.89	13.838	2.1
45.45	0	7.1	13.853	2.16
45.5	0	4.77	13.868	1.45
45.55	0.5	4.94	13.884	1.5

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45.6	0.75	5.16	13.899	1.57
45.65	0.38	5.95	13.914	1.81
45.7	0.19	4.55	13.929	1.39
45.75	0.09	4.91	13.944	1.5
45.8	0.55	5.35	13.96	1.63
45.85	0.27	5.11	13.975	1.56
45.9	0.14	4.85	13.99	1.48
45.95	0.57	5.13	14.005	1.56
46	0.28	4.36	14.021	1.33
46.05	0.14	5.43	14.036	1.65
46.1	0.07	3.94	14.051	1.2
46.15	0.04	3.89	14.066	1.19
46.2	0.02	4.9	14.082	1.49
46.25	0.01	4.78	14.097	1.46
46.3	0	4.92	14.112	1.5
46.35	0	6.35	14.127	1.94
46.4	0	4.51	14.143	1.38
46.45	0	6	14.158	1.83
46.5	0	7.07	14.173	2.16
46.55	0	4.82	14.188	1.47
46.6	0	5.27	14.204	1.61
46.65	0.5	4.16	14.219	1.27
46.7	0.75	4.73	14.234	1.44
46.75	0.38	5.96	14.249	1.82
46.8	0.19	5.13	14.265	1.56
46.85	0.09	4.85	14.28	1.48
46.9	0.05	5.05	14.295	1.54
46.95	0.02	4.92	14.31	1.5
47	0.51	5.01	14.325	1.53
47.05	0.76	4.32	14.341	1.32
47.1	0.38	6.42	14.356	1.96
47.15	0.69	4.36	14.371	1.33
47.2	0.84	5.87	14.386	1.79
47.25	0.92	5.07	14.402	1.55
47.3	0.46	5.23	14.417	1.59
47.35	0.23	5.71	14.432	1.74
47.4	0.12	6.45	14.447	1.97
47.45	0.06	4.54	14.463	1.38
47.5	0.03	5.6	14.478	1.71
47.55	0.01	5.26	14.493	1.6
47.6	0.01	6.24	14.508	1.9
47.65	0	4.79	14.524	1.46
47.7	0	5.41	14.539	1.65
47.75	0	5.83	14.554	1.78
47.8	0	5.57	14.569	1.7
47.85	0	6.88	14.585	2.1
47.9	0	6.36	14.6	1.94
47.95	0	7.05	14.615	2.15
48	0	10.91	14.63	3.32
48.05	0.5	6.32	14.646	1.93
48.1	0.75	4.78	14.661	1.46
48.15	0.38	2.47	14.676	0.75
48.2	0.19	4.42	14.691	1.35
48.25	0.09	4.86	14.706	1.48
48.3	0.05	3.32	14.722	1.01
48.35	0.02	4.4	14.737	1.34
48.4	0.01	3.82	14.752	1.16
48.45	0.01	7.32	14.767	2.23
48.5	0	3.59	14.783	1.09
48.55	0.5	3.95	14.798	1.21
48.6	0.75	3.62	14.813	1.1
48.65	0.38	5.48	14.828	1.67

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48.7	0.19	5.64	14.844	1.72
48.75	0.09	5.85	14.859	1.78
48.8	0.55	6.35	14.874	1.93
48.85	0.77	7.12	14.889	2.17
48.9	0.39	6.41	14.905	1.95
48.95	0.19	6.57	14.92	2
49	0.1	5.67	14.935	1.73
49.05	0.55	5.18	14.95	1.58
49.1	0.27	5.57	14.966	1.7
49.15	0.14	4.83	14.981	1.47
49.2	0.07	6.3	14.996	1.92
49.25	0.03	5.39	15.011	1.64
49.3	0.02	6.54	15.026	1.99
49.35	0.01	4.33	15.042	1.32
49.4	0	6.45	15.057	1.96
49.45	0.5	5.21	15.072	1.59
49.5	0.25	5.67	15.087	1.73
49.55	0.13	4.91	15.103	1.5
49.6	0.06	5.02	15.118	1.53
49.65	0.03	4.9	15.133	1.49
49.7	0.52	5.93	15.148	1.81
49.75	0.26	5.92	15.164	1.8
49.8	0.13	5.88	15.179	1.79
49.85	0.06	6.39	15.194	1.95
49.9	0.03	6.85	15.209	2.09
49.95	0.02	6.06	15.225	1.85
50	0.01	5.43	15.24	1.66
50.05	0	6.42	15.255	1.96
50.1	0	6.22	15.27	1.9
50.15	0	7.39	15.286	2.25
50.2	0	7.16	15.301	2.18
50.25	0.5	7.67	15.316	2.34
50.3	0.25	7.51	15.331	2.29
50.35	0.13	8.14	15.347	2.48
50.4	0.56	9.72	15.362	2.96
50.45	0.28	9.21	15.377	2.81
50.5	0.14	7.2	15.392	2.2
50.55	0.07	7.07	15.407	2.16
50.6	0.04	7.33	15.423	2.24
50.65	0.52	7.59	15.438	2.31
50.7	0.76	6.14	15.453	1.87
50.75	0.38	7.08	15.468	2.16
50.8	0.69	5.81	15.484	1.77
50.85	0.34	5.84	15.499	1.78
50.9	0.67	8	15.514	2.44
50.95	0.84	8.44	15.529	2.57
51	0.42	8.58	15.545	2.61
51.05	0.21	8.29	15.56	2.53
51.1	0.1	8.63	15.575	2.63
51.15	0.05	8.61	15.59	2.62
51.2	0.03	9.29	15.606	2.83
51.25	0.01	8.55	15.621	2.6
51.3	0.01	8.29	15.636	2.53
51.35	0	7.79	15.651	2.38
51.4	0	7.61	15.667	2.32
51.45	0	8.21	15.682	2.5
51.5	0	7.45	15.697	2.27
51.55	0.5	7.51	15.712	2.29
51.6	0.25	6.94	15.728	2.11
51.65	0.63	5.47	15.743	1.67
51.7	0.31	7.01	15.758	2.14
51.75	0.66	5.32	15.773	1.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	0.33	4.65	15.788	1.42
51.85	0.66	4.16	15.804	1.27
51.9	0.33	4.8	15.819	1.46
51.95	0.17	3.95	15.834	1.2
52	0.58	4.75	15.849	1.45
52.05	0.79	4.82	15.865	1.47
52.1	0.4	5.23	15.88	1.59
52.15	0.2	4.38	15.895	1.33
52.2	0.1	4.67	15.91	1.42
52.25	0.05	5.53	15.926	1.69
52.3	0.02	6.1	15.941	1.86
52.35	0.01	4.76	15.956	1.45
52.4	0.01	5.62	15.971	1.71
52.45	0	4.46	15.987	1.36
52.5	0	5.62	16.002	1.71
52.55	0	5.22	16.017	1.59
52.6	0	6.04	16.032	1.84
52.65	0	5.1	16.048	1.55
52.7	0	4.19	16.063	1.28
52.75	0	5.65	16.078	1.72
52.8	0	4.95	16.093	1.51
52.85	0.5	5.59	16.109	1.7
52.9	0.25	5.67	16.124	1.73
52.95	0.13	2.65	16.139	0.81
53	0.06	3.05	16.154	0.93
53.05	0.03	6.98	16.169	2.13
53.1	0.02	7.09	16.185	2.16
53.15	0.01	6.36	16.2	1.94
53.2	0.5	4.88	16.215	1.49
53.25	0.25	7.42	16.23	2.26
53.3	0.13	1.88	16.246	0.57
53.35	0.06	5.96	16.261	1.82
53.4	0.03	4.25	16.276	1.29
53.45	0.02	6.49	16.291	1.98
53.5	0.51	7.12	16.307	2.17
53.55	0.25	9.81	16.322	2.99
53.6	0.63	9.39	16.337	2.86
53.65	0.31	10.16	16.352	3.1
53.7	0.16	9.86	16.368	3
53.75	0.08	10.55	16.383	3.22
53.8	0.04	9.71	16.398	2.96
53.85	0.02	12.37	16.413	3.77
53.9	0.01	10.79	16.429	3.29
53.95	0	10.79	16.444	3.29
54	0	11.45	16.459	3.49
54.05	0	10.88	16.474	3.32
54.1	0	13.71	16.49	4.18
54.15	0	12.78	16.505	3.89
54.2	0	12.32	16.52	3.75
54.25	0.5	11.45	16.535	3.49
54.3	0.25	14.51	16.55	4.42
54.35	0.63	9.08	16.566	2.77
54.4	0.31	12.68	16.581	3.87
54.45	0.66	13.16	16.596	4.01
54.5	0.33	13.26	16.611	4.04
54.55	0.16	10.25	16.627	3.13
54.6	0.08	10.93	16.642	3.33
54.65	0.04	9.34	16.657	2.85
54.7	0.02	9.01	16.672	2.75
54.75	0.01	8.76	16.688	2.67
54.8	0.01	9.21	16.703	2.81
54.85	0	9.17	16.718	2.79

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54.9	0.5	9.5	16.733	2.9
54.95	0.25	8.2	16.749	2.5
55	0.63	9.24	16.764	2.82
55.05	0.31	8.46	16.779	2.58
55.1	0.66	8.38	16.794	2.55
55.15	0.33	9.15	16.81	2.79
55.2	0.16	10.22	16.825	3.11
55.25	0.58	10.38	16.84	3.16
55.3	0.29	10.26	16.855	3.13
55.35	0.15	9.16	16.871	2.79
55.4	0.07	11.03	16.886	3.36
55.45	0.04	10	16.901	3.05
55.5	0.02	11.11	16.916	3.39
55.55	0.01	10.48	16.931	3.2
55.6	0	11.51	16.947	3.51
55.65	0	11.94	16.962	3.64
55.7	0	12.09	16.977	3.68
55.75	0	13	16.992	3.96
55.8	0	14.22	17.008	4.33
55.85	0	12.79	17.023	3.9
55.9	0	13.16	17.038	4.01
55.95	0	11.01	17.053	3.36
56	0	11.08	17.069	3.38
56.05	0	11.06	17.084	3.37
56.1	0	12.08	17.099	3.68
56.15	0	11.17	17.114	3.41
56.2	0	11.1	17.13	3.38
56.25	0	9.68	17.145	2.95
56.3	0	10.87	17.16	3.31
56.35	0.5	10.86	17.175	3.31
56.4	0.75	10.38	17.191	3.16
56.45	0.38	9.97	17.206	3.04
56.5	0.19	10.47	17.221	3.19
56.55	0.09	11.94	17.236	3.64
56.6	0.55	12.18	17.252	3.71
56.65	0.27	11.14	17.267	3.4
56.7	0.14	9.92	17.282	3.02
56.75	0.57	9.85	17.297	3
56.8	0.78	10.31	17.312	3.14
56.85	0.39	9.5	17.328	2.9
56.9	0.2	9.91	17.343	3.02
56.95	0.1	9.39	17.358	2.86
57	0.05	8.12	17.373	2.47
57.05	0.02	9.59	17.389	2.92
57.1	0.01	8.26	17.404	2.52
57.15	0.01	8.29	17.419	2.53
57.2	0.5	7.25	17.434	2.21
57.25	0.25	7.2	17.45	2.19
57.3	0.13	7.91	17.465	2.41
57.35	0.56	7.18	17.48	2.19
57.4	0.28	7.81	17.495	2.38
57.45	0.14	8.04	17.511	2.45
57.5	0.07	7.22	17.526	2.2
57.55	0.54	6.06	17.541	1.85
57.6	0.27	6.5	17.556	1.98
57.65	0.13	7.47	17.572	2.28
57.7	0.07	6.72	17.587	2.05
57.75	0.03	8.31	17.602	2.53
57.8	0.02	7.49	17.617	2.28
57.85	0.01	6.61	17.632	2.02
57.9	0	6.24	17.648	1.9
57.95	0	3.9	17.663	1.19

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58	0	4.94	17.678	1.51
58.05	0.5	4.05	17.693	1.23
58.1	0.25	7.23	17.709	2.2
58.15	0.13	6.77	17.724	2.06
58.2	0.06	4.51	17.739	1.37
58.25	0.53	5.36	17.754	1.63
58.3	0.27	5.77	17.77	1.76
58.35	0.13	5.36	17.785	1.63
58.4	0.07	3.41	17.8	1.04
58.45	0.03	6	17.815	1.83
58.5	0.02	5.78	17.831	1.76
58.55	0.01	7.99	17.846	2.43
58.6	0	6.13	17.861	1.87
58.65	0	6.12	17.876	1.87
58.7	0	6.38	17.892	1.94
58.75	0	7.49	17.907	2.28
58.8	0	6.47	17.922	1.97
58.85	0	6.23	17.937	1.9
58.9	0.5	9.12	17.953	2.78
58.95	0.75	6.17	17.968	1.88
59	0.38	6.37	17.983	1.94
59.05	0.19	6.04	17.998	1.84
59.1	0.09	7.88	18.013	2.4
59.15	0.05	5.43	18.029	1.65
59.2	0.02	6.2	18.044	1.89
59.25	0.01	6.2	18.059	1.89
59.3	0.01	7.97	18.074	2.43
59.35	0.5	5.57	18.09	1.7
59.4	0.25	7.06	18.105	2.15
59.45	0.13	6.65	18.12	2.03
59.5	0.06	7.61	18.135	2.32
59.55	0.03	7.06	18.151	2.15
59.6	0.02	7.02	18.166	2.14
59.65	0.01	5.25	18.181	1.6
59.7	0	7.49	18.196	2.28
59.75	0	5.51	18.212	1.68
59.8	0	5.96	18.227	1.82
59.85	0	6.53	18.242	1.99
59.9	0	7.42	18.257	2.26
59.95	0	6.31	18.273	1.92
60	0	6.56	18.288	2
60.05	0	6.47	18.303	1.97
60.1	0	6.96	18.318	2.12
60.15	0	6.88	18.334	2.1
60.2	0	6.8	18.349	2.07
60.25	0	6.23	18.364	1.9
60.3	0	7.26	18.379	2.21
60.35	0.5	7.27	18.394	2.21
60.4	0.25	7.91	18.41	2.41
60.45	0.13	7.39	18.425	2.25
60.5	0.06	7.43	18.44	2.27
60.55	0.03	5.87	18.455	1.79
60.6	0.02	5.73	18.471	1.75
60.65	0.01	4.67	18.486	1.42
60.7	0.5	5.62	18.501	1.71
60.75	0.25	5.05	18.516	1.54
60.8	0.63	4.51	18.532	1.37
60.85	0.31	5.76	18.547	1.75
60.9	0.16	4.49	18.562	1.37
60.95	0.08	4.57	18.577	1.39
61	0.04	3.98	18.593	1.21
61.05	0.02	4.99	18.608	1.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	0.01	4.4	18.623	1.34
61.15	0	4.05	18.638	1.23
61.2	0	4.29	18.654	1.31
61.25	0	4.16	18.669	1.27
61.3	0	4.59	18.684	1.4
61.35	0	6.41	18.699	1.95
61.4	0	4.82	18.715	1.47
61.45	0.5	4.63	18.73	1.41
61.5	0.25	5.51	18.745	1.68
61.55	0.13	6	18.76	1.83
61.6	0.56	5.24	18.775	1.6
61.65	0.28	5.61	18.791	1.71
61.7	0.14	5.64	18.806	1.72
61.75	0.57	4.37	18.821	1.33
61.8	0.79	7.78	18.836	2.37
61.85	0.39	5.47	18.852	1.67
61.9	0.2	6.01	18.867	1.83
61.95	0.1	5.38	18.882	1.64
62	0.05	6.4	18.897	1.95
62.05	0.02	6.26	18.913	1.91
62.1	0.01	5.84	18.928	1.78
62.15	0.01	4.86	18.943	1.48
62.2	0	4.96	18.958	1.51
62.25	0	5.34	18.974	1.63
62.3	0	5.48	18.989	1.67
62.35	0	5.03	19.004	1.53
62.4	0	5.46	19.019	1.66
62.45	0	5.35	19.035	1.63
62.5	0	5.24	19.05	1.6
62.55	0	4.62	19.065	1.41
62.6	0	5.69	19.08	1.73
62.65	0.5	5.67	19.096	1.73
62.7	0.75	6.22	19.111	1.9
62.75	0.38	5.49	19.126	1.67
62.8	0.19	5.02	19.141	1.53
62.85	0.09	5.62	19.156	1.71
62.9	0.05	4	19.172	1.22
62.95	0.02	8.11	19.187	2.47
63	0.01	3.2	19.202	0.97
63.05	0.01	7.28	19.217	2.22
63.1	0	7.02	19.233	2.14
63.15	0	4.7	19.248	1.43
63.2	0	4.22	19.263	1.29
63.25	0	6.02	19.278	1.84
63.3	0	3.06	19.294	0.93
63.35	0	3.71	19.309	1.13
63.4	0	4.37	19.324	1.33
63.45	0	5.98	19.339	1.82
63.5	0	4.42	19.355	1.35
63.55	0	4.67	19.37	1.42
63.6	0	4.73	19.385	1.44
63.65	0	6.26	19.4	1.91
63.7	0	4.66	19.416	1.42
63.75	0	5.04	19.431	1.54
63.8	0	5.53	19.446	1.69
63.85	0	4.91	19.461	1.5
63.9	0.5	5.54	19.477	1.69
63.95	0.25	7.46	19.492	2.27
64	0.13	5.23	19.507	1.59
64.05	0.06	4.68	19.522	1.43
64.1	0.03	7.2	19.537	2.19
64.15	0.02	8.07	19.553	2.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	0.01	3.92	19.568	1.2
64.25	0	4.31	19.583	1.31
64.3	0	5.93	19.598	1.81
64.35	0	3.07	19.614	0.94
64.4	0.5	4.65	19.629	1.42
64.45	0.25	3.21	19.644	0.98
64.5	0.13	3.68	19.659	1.12
64.55	0.56	2.97	19.675	0.91
64.6	0.28	3.37	19.69	1.03
64.65	0.14	1.74	19.705	0.53
64.7	0.07	2.5	19.72	0.76
64.75	0.04	2.19	19.736	0.67
64.8	0.02	3.53	19.751	1.07
64.85	0.01	2.43	19.766	0.74
64.9	0	3.51	19.781	1.07
64.95	0.5	3.82	19.797	1.16
65	0.75	3.63	19.812	1.11
65.05	0.38	4.37	19.827	1.33
65.1	0.19	5.47	19.842	1.67
65.15	0.09	5.22	19.858	1.59
65.2	0.05	5.63	19.873	1.72
65.25	0.02	6.56	19.888	2
65.3	0.01	5.34	19.903	1.63
65.35	0.51	6.76	19.918	2.06
65.4	0.25	4.17	19.934	1.27
65.45	0.13	5.29	19.949	1.61
65.5	0.06	5.36	19.964	1.63
65.55	0.03	5.12	19.979	1.56
65.6	0.02	7.1	19.995	2.16
65.65	0.01	5.17	20.01	1.58
65.7	0	4.09	20.025	1.25
65.75	0.5	3.36	20.04	1.02
65.8	0.25	4.41	20.056	1.34
65.85	0.13	3.79	20.071	1.15
65.9	0.06	2.73	20.086	0.83
65.95	0.03	2.51	20.101	0.77
66	0.02	2.7	20.117	0.82
66.05	0.01	2.89	20.132	0.88
66.1	0	2.62	20.147	0.8
66.15	0.5	2.9	20.162	0.88
66.2	0.25	3.66	20.178	1.12
66.25	0.13	2.65	20.193	0.81
66.3	0.06	3.41	20.208	1.04
66.35	0.03	3.73	20.223	1.14
66.4	0.02	3.96	20.239	1.21
66.45	0.01	3.19	20.254	0.97
66.5	0	2.67	20.269	0.81
66.55	0	3.88	20.284	1.18
66.6	0	4.29	20.3	1.31
66.65	0.5	3.43	20.315	1.05
66.7	0.25	3.58	20.33	1.09
66.75	0.13	3.81	20.345	1.16
66.8	0.06	3.19	20.36	0.97
66.85	0.03	3.08	20.376	0.94
66.9	0.02	3.71	20.391	1.13
66.95	0.01	3.56	20.406	1.09
67	0	2.79	20.421	0.85
67.05	0	4.08	20.437	1.25
67.1	0	4.18	20.452	1.27
67.15	0	2.83	20.467	0.86
67.2	0	5	20.482	1.52
67.25	0	4.15	20.498	1.26

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	0	5.22	20.513	1.59
67.35	0.5	3.4	20.528	1.04
67.4	0.25	4.4	20.543	1.34
67.45	0.13	3.31	20.559	1.01
67.5	0.06	3.43	20.574	1.05
67.55	0.03	3.52	20.589	1.07
67.6	0.02	3.32	20.604	1.01
67.65	0.01	3.82	20.62	1.16
67.7	0	4.93	20.635	1.5
67.75	0	4.24	20.65	1.29
67.8	0	3.41	20.665	1.04
67.85	0	3.71	20.681	1.13
67.9	0	3.68	20.696	1.12
67.95	0	2.84	20.711	0.87
68	0.5	3.29	20.726	1
68.05	0.25	7.39	20.742	2.25
68.1	0.13	6.96	20.757	2.12
68.15	0.06	4.23	20.772	1.29
68.2	0.03	7.14	20.787	2.18
68.25	0.02	7.25	20.802	2.21
68.3	0.01	5.01	20.818	1.53
68.35	0	5.2	20.833	1.58
68.4	0.5	3.3	20.848	1.01
68.45	0.25	4.36	20.863	1.33
68.5	0.63	2.46	20.879	0.75
68.55	0.31	3.97	20.894	1.21
68.6	0.66	2.75	20.909	0.84
68.65	0.33	3.71	20.924	1.13
68.7	0.16	3.54	20.94	1.08
68.75	0.58	3.96	20.955	1.21
68.8	0.29	3.13	20.97	0.95
68.85	0.15	7.1	20.985	2.17
68.9	0.57	4.05	21.001	1.23
68.95	0.29	4.01	21.016	1.22
69	0.14	7.51	21.031	2.29
69.05	0.57	4.24	21.046	1.29
69.1	0.29	5.14	21.062	1.57
69.15	0.64	3.79	21.077	1.15
69.2	0.32	7.68	21.092	2.34
69.25	0.16	4.2	21.107	1.28
69.3	0.08	4.76	21.123	1.45
69.35	0.04	4.12	21.138	1.26
69.4	0.02	4.69	21.153	1.43
69.45	0.01	5.45	21.168	1.66
69.5	0.01	4.83	21.183	1.47
69.55	0	4.77	21.199	1.45
69.6	0.5	4.91	21.214	1.5
69.65	0.75	3.63	21.229	1.11
69.7	0.38	3.25	21.244	0.99
69.75	0.69	4.08	21.26	1.24
69.8	0.34	2.93	21.275	0.89
69.85	0.17	2.48	21.29	0.76
69.9	0.09	2.91	21.305	0.89
69.95	0.54	2.58	21.321	0.79
70	0.77	4.38	21.336	1.33
70.05	0.39	2.68	21.351	0.82
70.1	0.19	3.08	21.366	0.94
70.15	0.6	3.27	21.382	1
70.2	0.3	4.1	21.397	1.25
70.25	0.15	3.46	21.412	1.05
70.3	0.07	6.7	21.427	2.04
70.35	0.04	3.87	21.443	1.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	0.02	3.57	21.458	1.09
70.45	0.01	5.36	21.473	1.63
70.5	0	4.8	21.488	1.46
70.55	0	6.12	21.504	1.87
70.6	0.5	3.64	21.519	1.11
70.65	0.75	4.3	21.534	1.31
70.7	0.38	3.81	21.549	1.16
70.75	0.19	3.62	21.565	1.1
70.8	0.09	3.44	21.58	1.05
70.85	0.05	3.67	21.595	1.12
70.9	0.52	4.64	21.61	1.42
70.95	0.26	3.21	21.625	0.98
71	0.63	2.68	21.641	0.82
71.05	0.82	2.87	21.656	0.88
71.1	0.41	3.3	21.671	1.01
71.15	0.2	3.6	21.686	1.1
71.2	0.6	3.06	21.702	0.93
71.25	0.3	4.15	21.717	1.26
71.3	0.65	3.49	21.732	1.06
71.35	0.83	4.35	21.747	1.33
71.4	0.91	2.79	21.763	0.85
71.45	0.96	2.85	21.778	0.87
71.5	0.48	5.96	21.793	1.82
71.55	0.24	3.67	21.808	1.12
71.6	0.12	3.49	21.824	1.06
71.65	0.06	4.14	21.839	1.26
71.7	0.53	3.27	21.854	1
71.75	0.26	4.51	21.869	1.37
71.8	0.13	4.37	21.885	1.33
71.85	0.07	5.22	21.9	1.59
71.9	0.03	4.78	21.915	1.46
71.95	0.02	4.91	21.93	1.5
72	0.01	3.17	21.946	0.97
72.05	0	3.71	21.961	1.13
72.1	0	3.02	21.976	0.92
72.15	0.5	4.64	21.991	1.41
72.2	0.75	4.73	22.007	1.44
72.25	0.38	4.43	22.022	1.35
72.3	0.19	2.86	22.037	0.87
72.35	0.59	3.22	22.052	0.98
72.4	0.8	4.36	22.067	1.33
72.45	0.4	3.25	22.083	0.99
72.5	0.2	3.01	22.098	0.92
72.55	0.1	3.81	22.113	1.16
72.6	0.05	4.29	22.128	1.31
72.65	0.02	4.74	22.144	1.44
72.7	0.01	4.47	22.159	1.36
72.75	0.01	4.02	22.174	1.23
72.8	0	3.33	22.189	1.01
72.85	0	4.06	22.205	1.24
72.9	0.5	2.51	22.22	0.76
72.95	0.25	2.07	22.235	0.63
73	0.13	4.24	22.25	1.29
73.05	0.06	3.43	22.266	1.05
73.1	0.03	2.68	22.281	0.82
73.15	0.02	3.83	22.296	1.17
73.2	0.01	5.91	22.311	1.8
73.25	0	5.04	22.327	1.54
73.3	0.5	2.79	22.342	0.85
73.35	0.25	3.97	22.357	1.21
73.4	0.13	4.4	22.372	1.34
73.45	0.06	4.92	22.388	1.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	0.03	2.78	22.403	0.85
73.55	0.52	3.57	22.418	1.09
73.6	0.26	2.4	22.433	0.73
73.65	0.63	3.58	22.448	1.09
73.7	0.31	3.94	22.464	1.2
73.75	0.16	3.2	22.479	0.98
73.8	0.58	4.39	22.494	1.34
73.85	0.29	4.43	22.509	1.35
73.9	0.14	2.9	22.525	0.88
73.95	0.07	1.8	22.54	0.55
74	0.04	1.7	22.555	0.52
74.05	0.02	3.14	22.57	0.96
74.1	0.01	1.84	22.586	0.56
74.15	0	3.39	22.601	1.03
74.2	0	2.35	22.616	0.72
74.25	0	2.47	22.631	0.75
74.3	0	2.69	22.647	0.82
74.35	0	3.67	22.662	1.12
74.4	0.5	3.89	22.677	1.19
74.45	0.75	3	22.692	0.91
74.5	0.38	4.45	22.708	1.36
74.55	0.19	2.31	22.723	0.7
74.6	0.09	4.99	22.738	1.52
74.65	0.05	5.2	22.753	1.59
74.7	0.02	3.15	22.769	0.96
74.75	0.51	3.24	22.784	0.99
74.8	0.26	2.66	22.799	0.81
74.85	0.13	3.14	22.814	0.96
74.9	0.06	3.43	22.83	1.05
74.95	0.03	2.64	22.845	0.8
75	0.02	3.15	22.86	0.96
75.05	0.01	2.12	22.875	0.65
75.1	0	1.89	22.89	0.58
75.15	0	1.65	22.906	0.5
75.2	0	1.71	22.921	0.52
75.25	0.5	0.85	22.936	0.26
75.3	0.25	1.41	22.951	0.43
75.35	0.13	1.67	22.967	0.51
75.4	0.06	2.04	22.982	0.62
75.45	0.53	1.1	22.997	0.33
75.5	0.27	1.67	23.012	0.51
75.55	0.13	1.49	23.028	0.45
75.6	0.07	2.02	23.043	0.61
75.65	0.03	1.37	23.058	0.42
75.7	0.02	2.47	23.073	0.75
75.75	0.01	2.65	23.089	0.81
75.8	0	2.07	23.104	0.63
75.85	0.5	2.87	23.119	0.87
75.9	0.25	2.96	23.134	0.9
75.95	0.13	2.55	23.15	0.78
76	0.06	1.12	23.165	0.34
76.05	0.03	1.61	23.18	0.49
76.1	0.02	2.18	23.195	0.67
76.15	0.01	1.4	23.211	0.43
76.2	0	2.29	23.226	0.7
76.25	0	1.47	23.241	0.45
76.3	0	0.87	23.256	0.27
76.35	0.5	0.91	23.271	0.28
76.4	0.25	1.34	23.287	0.41
76.45	0.13	1.31	23.302	0.4
76.5	0.06	1.06	23.317	0.32
76.55	0.03	1.4	23.332	0.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
76.6	0.02	0.84	23.348	0.26
76.65	0.01	1.48	23.363	0.45
76.7	0	0.77	23.378	0.24
76.75	0	1.05	23.393	0.32
76.8	0	1.45	23.409	0.44
76.85	0.5	1.27	23.424	0.39
76.9	0.25	1.08	23.439	0.33
76.95	0.13	1.09	23.454	0.33
77	0.06	2.34	23.47	0.71
77.05	0.03	1.69	23.485	0.52
77.1	0.02	2.54	23.5	0.77
77.15	0.51	1.78	23.515	0.54
77.2	0.25	1.76	23.531	0.54
77.25	0.13	2.68	23.546	0.82
77.3	0.06	0.97	23.561	0.29
77.35	0.03	1.65	23.576	0.5
77.4	0.02	2.46	23.592	0.75
77.45	0.01	2.07	23.607	0.63
77.5	0	2.36	23.622	0.72
77.55	0	2.52	23.637	0.77
77.6	0	1.61	23.653	0.49
77.65	0	3.01	23.668	0.92
77.7	0	1.21	23.683	0.37
77.75	0.5	1.42	23.698	0.43
77.8	0.75	1.68	23.713	0.51
77.85	0.38	1.71	23.729	0.52
77.9	0.19	3.89	23.744	1.18
77.95	0.09	3.05	23.759	0.93
78	0.05	3.32	23.774	1.01
78.05	0.02	1.53	23.79	0.47
78.1	0.51	2.02	23.805	0.62
78.15	0.26	1.41	23.82	0.43
78.2	0.63	2.49	23.835	0.76
78.25	0.31	2.34	23.851	0.71
78.3	0.16	1.36	23.866	0.41
78.35	0.08	4.18	23.881	1.27
78.4	0.04	2.3	23.896	0.7
78.45	0.02	2.08	23.912	0.63
78.5	0.01	2.06	23.927	0.63
78.55	0	1.94	23.942	0.59
78.6	0.5	1.59	23.957	0.49
78.65	0.25	2.11	23.973	0.64
78.7	0.13	1.77	23.988	0.54
78.75	0.06	4.44	24.003	1.35
78.8	0.03	1.1	24.018	0.34
78.85	0.02	1.76	24.034	0.54
78.9	0.01	1.5	24.049	0.46
78.95	0	1.16	24.064	0.35
79	0	0.8	24.079	0.24
79.05	0	1.37	24.095	0.42
79.1	0	1.54	24.11	0.47
79.15	0	1.41	24.125	0.43
79.2	0	1.03	24.14	0.31
79.25	0	1.75	24.155	0.53
79.3	0	1.44	24.171	0.44
79.35	0	3.26	24.186	0.99
79.4	0	2.04	24.201	0.62
79.45	0	1.51	24.216	0.46
79.5	0	2.5	24.232	0.76
79.55	0	2.67	24.247	0.81
79.6	0	3.27	24.262	1
79.65	0	2.39	24.277	0.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	0	2.84	24.293	0.86
79.75	0	2.78	24.308	0.85
79.8	0	2.08	24.323	0.63
79.85	0	1.87	24.338	0.57
79.9	0	2.73	24.354	0.83
79.95	0	1.34	24.369	0.41
80	0	2.35	24.384	0.71
80.05	0	1.63	24.399	0.5
80.1	0	1.46	24.415	0.44
80.15	0.5	1	24.43	0.3
80.2	0.25	1.33	24.445	0.4
80.25	0.62	0.63	24.46	0.19
80.3	0.31	1.39	24.476	0.43
80.35	0.16	1.49	24.491	0.45
80.4	0.08	2.13	24.506	0.65
80.45	0.04	1.2	24.521	0.36
80.5	0.02	0.78	24.536	0.24
80.55	0.01	1.21	24.552	0.37
80.6	0	1.94	24.567	0.59
80.65	0	1.03	24.582	0.32
80.7	0	1.56	24.597	0.47
80.75	0	2.41	24.613	0.74
80.8	0	1.81	24.628	0.55
80.85	0	1.17	24.643	0.36
80.9	0.5	2.64	24.658	0.8
80.95	0.25	1.95	24.674	0.59
81	0.13	2.33	24.689	0.71
81.05	0.06	2.93	24.704	0.89
81.1	0.03	1.48	24.719	0.45
81.15	0.02	1.18	24.735	0.36
81.2	0.01	1.79	24.75	0.55
81.25	0	1.21	24.765	0.37
81.3	0	1.38	24.78	0.42
81.35	0	1.98	24.796	0.6
81.4	0	1.44	24.811	0.44
81.45	0	0.98	24.826	0.3
81.5	0	1.26	24.841	0.38
81.55	0	1.1	24.857	0.33
81.6	0	1.92	24.872	0.58
81.65	0	1.49	24.887	0.45
81.7	0	1.34	24.902	0.41
81.75	0	1.52	24.918	0.46
81.8	0	1.26	24.933	0.38
81.85	0	1.85	24.948	0.57
81.9	0	0.99	24.963	0.3
81.95	0	1.08	24.978	0.33
82	0.5	2.74	24.994	0.83
82.05	0.25	1.39	25.009	0.42
82.1	0.13	1.56	25.024	0.47
82.15	0.06	2.52	25.039	0.77
82.2	0.53	2.22	25.055	0.68
82.25	0.27	2.3	25.07	0.7
82.3	0.13	2.24	25.085	0.68
82.35	0.07	1.68	25.1	0.51
82.4	0.03	1.87	25.116	0.57
82.45	0.02	1.21	25.131	0.37
82.5	0.01	1.85	25.146	0.56
82.55	0	4.22	25.161	1.29
82.6	0	2.02	25.177	0.61
82.65	0	2.34	25.192	0.71
82.7	0	2.96	25.207	0.9
82.75	0	1.94	25.222	0.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	0.5	2.65	25.238	0.81
82.85	0.25	1.98	25.253	0.6
82.9	0.13	1.02	25.268	0.31
82.95	0.56	1	25.283	0.31
83	0.28	2.92	25.299	0.89
83.05	0.14	1.53	25.314	0.47
83.1	0.07	1.46	25.329	0.45
83.15	0.04	1.36	25.344	0.42
83.2	0.02	1.77	25.36	0.54
83.25	0.01	2.16	25.375	0.66
83.3	0	2.78	25.39	0.85
83.35	0	1.92	25.405	0.58
83.4	0.5	1.92	25.42	0.59
83.45	0.25	3.13	25.436	0.95
83.5	0.13	2.93	25.451	0.89
83.55	0.06	1.44	25.466	0.44
83.6	0.03	1.63	25.481	0.5
83.65	0.02	4.01	25.497	1.22
83.7	0.01	0.91	25.512	0.28
83.75	0	3.13	25.527	0.95
83.8	0	1.57	25.542	0.48
83.85	0.5	2.49	25.558	0.76
83.9	0.25	1.37	25.573	0.42
83.95	0.13	1.3	25.588	0.4
84	0.06	0.94	25.603	0.29
84.05	0.03	1.75	25.619	0.53
84.1	0.02	1.44	25.634	0.44
84.15	0.01	1.34	25.649	0.41
84.2	0	1	25.664	0.3
84.25	0	1.77	25.68	0.54
84.3	0	0.76	25.695	0.23
84.35	0	2.01	25.71	0.61
84.4	0.5	0.96	25.725	0.29
84.45	0.25	1.09	25.741	0.33
84.5	0.13	3.16	25.756	0.96
84.55	0.06	1.02	25.771	0.31
84.6	0.03	1.75	25.786	0.53
84.65	0.52	2.11	25.801	0.64
84.7	0.26	1.57	25.817	0.48
84.75	0.13	2.41	25.832	0.73
84.8	0.56	1.62	25.847	0.5
84.85	0.28	0.55	25.862	0.17
84.9	0.64	2.39	25.878	0.73
84.95	0.32	1.61	25.893	0.49
85	0.16	0.89	25.908	0.27
85.05	0.58	1.36	25.923	0.41
85.1	0.29	1.11	25.939	0.34
85.15	0.15	0.96	25.954	0.29
85.2	0.07	1.12	25.969	0.34
85.25	0.04	0.5	25.984	0.15
85.3	0.02	0.6	26	0.18
85.35	0.01	0.54	26.015	0.16
85.4	0	0.63	26.03	0.19
85.45	0	0.53	26.045	0.16
85.5	0	0.66	26.061	0.2
85.55	0	0.65	26.076	0.2
85.6	0	0.54	26.091	0.16
85.65	0	1.12	26.106	0.34
85.7	0	1.16	26.122	0.35
85.75	0	1.52	26.137	0.46
85.8	0	1.07	26.152	0.33
85.85	0	3.12	26.167	0.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	0	2.01	26.183	0.61
85.95	0	2.61	26.198	0.8
86	0	1.21	26.213	0.37
86.05	0.5	2	26.228	0.61
86.1	0.75	1.93	26.243	0.59
86.15	0.38	1.38	26.259	0.42
86.2	0.19	1.02	26.274	0.31
86.25	0.09	1.38	26.289	0.42
86.3	0.05	1.58	26.304	0.48
86.35	0.52	0.98	26.32	0.3
86.4	0.26	1.05	26.335	0.32
86.45	0.13	1	26.35	0.3
86.5	0.07	0.93	26.365	0.28
86.55	0.03	0.52	26.381	0.16
86.6	0.02	0.74	26.396	0.23
86.65	0.01	1.74	26.411	0.53
86.7	0	1.67	26.426	0.51
86.75	0	0.91	26.442	0.28
86.8	0	1.19	26.457	0.36
86.85	0	1.25	26.472	0.38
86.9	0	0.64	26.487	0.2
86.95	0	0.79	26.503	0.24
87	0	1.02	26.518	0.31
87.05	0	0.8	26.533	0.25
87.1	0	1.52	26.548	0.46
87.15	0	0.74	26.564	0.22
87.2	0	1.44	26.579	0.44
87.25	0.5	1.66	26.594	0.51
87.3	0.75	1.15	26.609	0.35
87.35	0.38	0.72	26.625	0.22
87.4	0.19	1.56	26.64	0.48
87.45	0.09	0.99	26.655	0.3
87.5	0.55	1.57	26.67	0.48
87.55	0.27	1.13	26.685	0.34
87.6	0.14	0.85	26.701	0.26
87.65	0.07	0.98	26.716	0.3
87.7	0.03	0.87	26.731	0.27
87.75	0.02	1.88	26.746	0.57
87.8	0.01	0.78	26.762	0.24
87.85	0	1.54	26.777	0.47
87.9	0	4.32	26.792	1.32
87.95	0.5	2.46	26.807	0.75
88	0.25	2.62	26.823	0.8
88.05	0.13	0.99	26.838	0.3
88.1	0.06	0.82	26.853	0.25
88.15	0.03	0.43	26.868	0.13
88.2	0.52	2.1	26.884	0.64
88.25	0.26	1.33	26.899	0.41
88.3	0.13	3.12	26.914	0.95
88.35	0.06	1.87	26.929	0.57
88.4	0.53	1.51	26.945	0.46
88.45	0.77	0.79	26.96	0.24
88.5	0.88	1.55	26.975	0.47
88.55	0.44	1.15	26.99	0.35
88.6	0.22	1.76	27.006	0.54
88.65	0.61	0.99	27.021	0.3
88.7	0.81	1.63	27.036	0.5
88.75	0.4	1.63	27.051	0.5
88.8	0.7	1.21	27.066	0.37
88.85	0.35	1.41	27.082	0.43
88.9	0.68	1.49	27.097	0.45
88.95	0.34	1.84	27.112	0.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	0.17	0.4	27.127	0.12
89.05	0.08	1.95	27.143	0.59
89.1	0.54	0.49	27.158	0.15
89.15	0.27	0.59	27.173	0.18
89.2	0.14	0.53	27.188	0.16
89.25	0.07	1.05	27.204	0.32
89.3	0.53	0.51	27.219	0.15
89.35	0.27	1.77	27.234	0.54
89.4	0.13	0.56	27.249	0.17
89.45	0.07	0.93	27.265	0.28
89.5	0.03	1.44	27.28	0.44
89.55	0.02	1.54	27.295	0.47
89.6	0.01	1.28	27.31	0.39
89.65	0	1.64	27.326	0.5
89.7	0	2.47	27.341	0.75
89.75	0	1.36	27.356	0.42
89.8	0	1.68	27.371	0.51
89.85	0	1.69	27.387	0.52
89.9	0.5	1.87	27.402	0.57
89.95	0.25	1.44	27.417	0.44
90	0.63	1.31	27.432	0.4
90.05	0.31	0.7	27.448	0.21
90.1	0.66	1.18	27.463	0.36
90.15	0.33	1.4	27.478	0.43
90.2	0.16	0.79	27.493	0.24
90.25	0.08	0.67	27.508	0.2
90.3	0.04	1.29	27.524	0.39
90.35	0.02	1.04	27.539	0.32
90.4	0.01	0.66	27.554	0.2
90.45	0.01	0.72	27.569	0.22
90.5	0	0.83	27.585	0.25
90.55	0	1.13	27.6	0.34
90.6	0.5	0.85	27.615	0.26
90.65	0.25	0.79	27.63	0.24
90.7	0.63	0.95	27.646	0.29
90.75	0.31	1.33	27.661	0.41
90.8	0.66	0.87	27.676	0.27
90.85	0.33	1.72	27.691	0.52
90.9	0.66	1.79	27.707	0.54
90.95	0.83	1.58	27.722	0.48
91	0.42	2.87	27.737	0.87
91.05	0.71	1.53	27.752	0.47
91.1	0.35	2.42	27.768	0.74
91.15	0.18	1.54	27.783	0.47
91.2	0.09	2.79	27.798	0.85
91.25	0.04	2.06	27.813	0.63
91.3	0.02	1.1	27.829	0.33
91.35	0.51	1.39	27.844	0.42
91.4	0.26	2.56	27.859	0.78
91.45	0.63	1.2	27.874	0.36
91.5	0.81	1.47	27.889	0.45
91.55	0.41	1.45	27.905	0.44
91.6	0.7	1.06	27.92	0.32
91.65	0.85	1.43	27.935	0.44
91.7	0.93	1.12	27.95	0.34
91.75	0.96	1.56	27.966	0.48
91.8	0.98	1.09	27.981	0.33
91.85	0.49	1.85	27.996	0.56
91.9	0.25	1.63	28.011	0.5
91.95	0.12	1.37	28.027	0.42
92	0.56	1.61	28.042	0.49
92.05	0.28	1.09	28.057	0.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	0.64	1.28	28.072	0.39
92.15	0.32	1.33	28.088	0.41
92.2	0.66	1.51	28.103	0.46
92.25	0.33	1.13	28.118	0.35
92.3	0.17	1.12	28.133	0.34
92.35	0.58	0.97	28.149	0.29
92.4	0.29	2.37	28.164	0.72
92.45	0.65	0.72	28.179	0.22
92.5	0.32	1.5	28.194	0.46
92.55	0.16	1.39	28.21	0.42
92.6	0.58	1.3	28.225	0.4
92.65	0.29	1.76	28.24	0.54
92.7	0.15	1.07	28.255	0.33
92.75	0.57	0.79	28.271	0.24
92.8	0.79	0.96	28.286	0.29
92.85	0.39	8.05	28.301	2.45
92.9	0.7	2.83	28.316	0.86
92.95	0.85	0.38	28.331	0.12
93	0.92	1.05	28.347	0.32
93.05	0.96	0.54	28.362	0.16
93.1	0.98	1.53	28.377	0.47
93.15	0.49	0.46	28.392	0.14
93.2	0.75	1.1	28.408	0.33
93.25	0.37	0.38	28.423	0.12
93.3	0.69	0.89	28.438	0.27
93.35	0.34	1.03	28.453	0.31
93.4	0.17	2.85	28.469	0.87
93.45	0.09	0.64	28.484	0.2
93.5	0.04	1.79	28.499	0.54
93.55	0.02	0.81	28.514	0.25
93.6	0.01	1.34	28.53	0.41
93.65	0.01	1.11	28.545	0.34
93.7	0	2.2	28.56	0.67
93.75	0	1.9	28.575	0.58
93.8	0	0.6	28.591	0.18
93.85	0	0.86	28.606	0.26
93.9	0	1.02	28.621	0.31
93.95	0	0.78	28.636	0.24
94	0	1	28.652	0.3
94.05	0	0.74	28.667	0.22
94.1	0	0.34	28.682	0.1
94.15	0	0.41	28.697	0.12
94.2	0	1.46	28.713	0.44
94.25	0	0.38	28.728	0.12
94.3	0	0.5	28.743	0.15
94.35	0	0.6	28.758	0.18
94.4	0	0.79	28.773	0.24
94.45	0	1.36	28.789	0.41
94.5	0	1.34	28.804	0.41
94.55	0	0.77	28.819	0.24
94.6	0	0.81	28.834	0.25
94.65	0	1.66	28.85	0.51
94.7	0	0.96	28.865	0.29
94.75	0	0.93	28.88	0.28
94.8	0	1.2	28.895	0.36
94.85	0.5	2.67	28.911	0.81
94.9	0.25	1.04	28.926	0.32
94.95	0.12	1.71	28.941	0.52
95	0.06	0.56	28.956	0.17
95.05	0.03	1.51	28.972	0.46
95.1	0.02	0.79	28.987	0.24
95.15	0.01	0.61	29.002	0.19

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95.2	0	0.84	29.017	0.25
95.25	0	0.77	29.033	0.23
95.3	0	0.48	29.048	0.15
95.35	0	0.59	29.063	0.18
95.4	0	0.69	29.078	0.21
95.45	0	0.48	29.094	0.15
95.5	0	0.84	29.109	0.26
95.55	0	0.81	29.124	0.25
95.6	0	0.95	29.139	0.29
95.65	0	0.86	29.154	0.26
95.7	0	1.69	29.17	0.52
95.75	0	0.83	29.185	0.25
95.8	0	1.26	29.2	0.38
95.85	0	0.8	29.215	0.24
95.9	0	1.76	29.231	0.54
95.95	0	0.49	29.246	0.15
96	0	1.67	29.261	0.51
96.05	0	0.69	29.276	0.21
96.1	0	1.32	29.292	0.4
96.15	0	0.83	29.307	0.25
96.2	0	0.88	29.322	0.27
96.25	0	0.81	29.337	0.25
96.3	0	1.42	29.353	0.43
96.35	0	1.29	29.368	0.39
96.4	0	1.13	29.383	0.35
96.45	0	1.32	29.398	0.4
96.5	0	0.96	29.414	0.29
96.55	0	0.67	29.429	0.2
96.6	0	1.37	29.444	0.42
96.65	0	1.05	29.459	0.32
96.7	0	0.89	29.475	0.27
96.75	0	1.04	29.49	0.32
96.8	0	0.78	29.505	0.24
96.85	0	2.54	29.52	0.77
96.9	0	1.11	29.536	0.34
96.95	0	1.3	29.551	0.4
97	0	1.28	29.566	0.39
97.05	0	1.66	29.581	0.51
97.1	0	0.93	29.596	0.28
97.15	0	1.12	29.612	0.34
97.2	0	1.36	29.627	0.41
97.25	0	2.14	29.642	0.65
97.3	0	1.62	29.657	0.49
97.35	0	0.96	29.673	0.29
97.4	0	1.51	29.688	0.46
97.45	0	1.15	29.703	0.35
97.5	0	1.72	29.718	0.52
97.55	0	1.02	29.734	0.31
97.6	0	1.43	29.749	0.43
97.65	0	1.06	29.764	0.32
97.7	0.5	1	29.779	0.3
97.75	0.25	1.35	29.795	0.41
97.8	0.12	1.15	29.81	0.35
97.85	0.06	4.49	29.825	1.37
97.9	0.03	1.35	29.84	0.41
97.95	0.02	1.99	29.856	0.61
98	0.51	1.23	29.871	0.37
98.05	0.25	0.59	29.886	0.18
98.1	0.13	0.42	29.901	0.13
98.15	0.06	0.37	29.917	0.11
98.2	0.03	2.27	29.932	0.69
98.25	0.02	0.74	29.947	0.22

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98.3	0.01	1.36	29.962	0.42
98.35	0	1.4	29.978	0.43
98.4	0.5	1.83	29.993	0.56
98.45	0.75	1.05	30.008	0.32
98.5	0.38	1.2	30.023	0.36
98.55	0.69	1.4	30.038	0.43
98.6	0.34	3.17	30.054	0.97
98.65	0.67	1.28	30.069	0.39
98.7	0.34	2.82	30.084	0.86
98.75	0.17	1.45	30.099	0.44
98.8	0.08	1.16	30.115	0.35
98.85	0.04	2.23	30.13	0.68
98.9	0.52	1.16	30.145	0.35
98.95	0.26	1.1	30.16	0.34
99	0.13	2.25	30.176	0.69
99.05	0.07	1.58	30.191	0.48
99.1	0.03	1.42	30.206	0.43
99.15	0.02	1.13	30.221	0.34
99.2	0.51	0.8	30.237	0.24
99.25	0.75	0.86	30.252	0.26
99.3	0.88	0.52	30.267	0.16
99.35	0.44	1	30.282	0.31
99.4	0.22	0.49	30.298	0.15
99.45	0.11	1.74	30.313	0.53
99.5	0.05	0.81	30.328	0.25
99.55	0.53	0.91	30.343	0.28
99.6	0.76	1.64	30.359	0.5
99.65	0.88	2.77	30.374	0.85
99.7	0.94	1.62	30.389	0.49
99.75	0.47	1.35	30.404	0.41
99.8	0.24	2.51	30.419	0.76
99.85	0.62	2.3	30.435	0.7
99.9	0.31	1.87	30.45	0.57
99.95	0.65	1.4	30.465	0.43
100	0.83	1.62	30.48	0.49
100.05	0.91	1.75	30.496	0.53
100.1	0.96	1.45	30.511	0.44
100.15	0.98	1.24	30.526	0.38
100.2	0.49	1.22	30.541	0.37
100.25	0.24	2.14	30.557	0.65
100.3	0.62	0.86	30.572	0.26
100.35	0.81	0.7	30.587	0.21
100.4	0.41	1.11	30.602	0.34
100.45	0.2	1.24	30.618	0.38
100.5	0.1	1.08	30.633	0.33
100.55	0.05	1.22	30.648	0.37
100.6	0.03	0.79	30.663	0.24
100.65	0.51	0.65	30.679	0.2
100.7	0.26	1.51	30.694	0.46
100.75	0.63	0.93	30.709	0.28
100.8	0.81	1.19	30.724	0.36
100.85	0.41	1.56	30.74	0.48
100.9	0.7	1.73	30.755	0.53
100.95	0.85	2.32	30.77	0.71
101	0.93	1.72	30.785	0.53
101.05	0.96	1.29	30.801	0.39
101.1	0.48	1.22	30.816	0.37
101.15	0.24	1.6	30.831	0.49
101.2	0.12	1.67	30.846	0.51
101.25	0.06	2.13	30.861	0.65
101.3	0.03	1.37	30.877	0.42
101.35	0.52	2.49	30.892	0.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	0.26	1.69	30.907	0.51
101.45	0.13	1.66	30.922	0.51
101.5	0.06	1.73	30.938	0.53
101.55	0.53	1.76	30.953	0.54
101.6	0.27	1.11	30.968	0.34
101.65	0.63	1.21	30.983	0.37
101.7	0.82	1.14	30.999	0.35
101.75	0.41	1.36	31.014	0.41
101.8	0.7	1.77	31.029	0.54
101.85	0.35	1.2	31.044	0.37
101.9	0.18	1.4	31.06	0.43
101.95	0.59	1.4	31.075	0.43
102	0.79	1.42	31.09	0.43
102.05	0.9	1.35	31.105	0.41
102.1	0.45	1.6	31.121	0.49
102.15	0.22	1.39	31.136	0.42
102.2	0.61	1.94	31.151	0.59
102.25	0.81	1.58	31.166	0.48
102.3	0.9	1.52	31.182	0.46
102.35	0.45	1.68	31.197	0.51
102.4	0.23	1.42	31.212	0.43
102.45	0.11	1.35	31.227	0.41
102.5	0.06	2.22	31.243	0.68
102.55	0.03	2.16	31.258	0.66
102.6	0.01	2.18	31.273	0.67
102.65	0.01	1.92	31.288	0.59
102.7	0	2.41	31.303	0.73
102.75	0.5	1.94	31.319	0.59
102.8	0.25	2.06	31.334	0.63
102.85	0.13	13.23	31.349	4.03
102.9	0.06	8.11	31.364	2.47
102.95	0.53	8.32	31.38	2.54
103	0.27	10.36	31.395	3.16
103.05	0.13	14.31	31.41	4.36
103.1	0.57	13.79	31.425	4.2
103.15	0.28	15.04	31.441	4.58
103.2	0.64	4.05	31.456	1.23
103.25	0.32	5.68	31.471	1.73
103.3	0.66	3.11	31.486	0.95
103.35	0.33	2.11	31.502	0.64
103.4	0.17	6.17	31.517	1.88
103.45	0.58	3.15	31.532	0.96
103.5	0.29	2.76	31.547	0.84
103.55	0.65	2.55	31.563	0.78
103.6	0.82	3.76	31.578	1.15
103.65	0.91	3.6	31.593	1.1
103.7	0.46	2.82	31.608	0.86
103.75	0.23	3.27	31.624	1
103.8	0.11	2.83	31.639	0.86
103.85	0.06	2.37	31.654	0.72
103.9	0.03	1.95	31.669	0.59
103.95	0.51	2.81	31.684	0.86
104	0.76	4.81	31.7	1.47
104.05	0.38	2.76	31.715	0.84
104.1	0.19	1.53	31.73	0.47
104.15	0.09	1.64	31.745	0.5
104.2	0.55	0.79	31.761	0.24
104.25	0.27	2.41	31.776	0.73
104.3	0.14	2.75	31.791	0.84
104.35	0.57	1.84	31.806	0.56
104.4	0.78	2.29	31.822	0.7
104.45	0.89	4.34	31.837	1.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	0.95	2.67	31.852	0.81
104.55	0.47	2.02	31.867	0.62
104.6	0.74	2.91	31.883	0.89
104.65	0.87	5.05	31.898	1.54
104.7	0.93	2.57	31.913	0.78
104.75	0.97	3.16	31.928	0.96
104.8	0.48	2.98	31.944	0.91
104.85	0.74	2.43	31.959	0.74
104.9	0.37	3.57	31.974	1.09
104.95	0.69	2.05	31.989	0.62
105	0.84	2.76	32.005	0.84
105.05	0.42	2.89	32.02	0.88
105.1	0.21	2.72	32.035	0.83
105.15	0.11	2.33	32.05	0.71
105.2	0.55	2.17	32.066	0.66
105.25	0.28	1.66	32.081	0.5
105.3	0.14	2.32	32.096	0.71
105.35	0.07	1.69	32.111	0.52
105.4	0.03	1.68	32.126	0.51
105.45	0.52	1.48	32.142	0.45
105.5	0.76	1.92	32.157	0.59
105.55	0.38	2.01	32.172	0.61
105.6	0.19	2.83	32.187	0.86
105.65	0.09	2.43	32.203	0.74
105.7	0.05	3	32.218	0.91
105.75	0.02	1.71	32.233	0.52
105.8	0.01	2.67	32.248	0.82
105.85	0.51	2.83	32.264	0.86
105.9	0.25	4.19	32.279	1.28
105.95	0.13	3.19	32.294	0.97
106	0.06	2.47	32.309	0.75
106.05	0.03	2.62	32.325	0.8
106.1	0.02	3.29	32.34	1
106.15	0.01	2.89	32.355	0.88
106.2	0	3.07	32.37	0.94
106.25	0	2.76	32.386	0.84
106.3	0	2.86	32.401	0.87
106.35	0.5	2.59	32.416	0.79
106.4	0.25	3.35	32.431	1.02
106.45	0.13	3.95	32.447	1.2
106.5	0.56	2.13	32.462	0.65
106.55	0.28	2.69	32.477	0.82
106.6	0.14	2.26	32.492	0.69
106.65	0.07	2.58	32.508	0.79
106.7	0.54	1.41	32.523	0.43
106.75	0.77	2.19	32.538	0.67
106.8	0.38	2.2	32.553	0.67
106.85	0.19	1.78	32.568	0.54
106.9	0.6	2.17	32.584	0.66
106.95	0.3	1.93	32.599	0.59
107	0.15	2.2	32.614	0.67
107.05	0.07	1.79	32.629	0.54
107.1	0.54	2.34	32.645	0.71
107.15	0.27	2.41	32.66	0.73
107.2	0.63	1.54	32.675	0.47
107.25	0.82	1.91	32.69	0.58
107.3	0.41	2.01	32.706	0.61
107.35	0.2	2.58	32.721	0.79
107.4	0.1	2.04	32.736	0.62
107.45	0.55	2.13	32.751	0.65
107.5	0.28	2.92	32.767	0.89
107.55	0.14	1.8	32.782	0.55

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107.6	0.57	2.5	32.797	0.76
107.65	0.28	2.06	32.812	0.63
107.7	0.64	2.33	32.828	0.71
107.75	0.32	1.99	32.843	0.61
107.8	0.16	1.44	32.858	0.44
107.85	0.08	2.15	32.873	0.65
107.9	0.54	1.77	32.889	0.54
107.95	0.27	1.33	32.904	0.41
108	0.64	1.79	32.919	0.55
108.05	0.82	2.42	32.934	0.74
108.1	0.91	2.8	32.949	0.85
108.15	0.95	2.19	32.965	0.67
108.2	0.48	3.31	32.98	1.01
108.25	0.24	3.42	32.995	1.04
108.3	0.12	2.32	33.01	0.71
108.35	0.56	3.33	33.026	1.02
108.4	0.78	4.71	33.041	1.44
108.45	0.89	3.94	33.056	1.2
108.5	0.94	3.16	33.071	0.96
108.55	0.97	2.81	33.087	0.86
108.6	0.99	5.3	33.102	1.61
108.65	0.99	3.6	33.117	1.1
108.7	1	3.44	33.132	1.05
108.75	1	3.8	33.148	1.16
108.8	1	4.07	33.163	1.24
108.85	0.5	2.96	33.178	0.9
108.9	0.75	3.27	33.193	1
108.95	0.87	3.56	33.209	1.09
109	0.44	3.54	33.224	1.08
109.05	0.22	2.33	33.239	0.71
109.1	0.61	2.97	33.254	0.91
109.15	0.3	3.05	33.27	0.93
109.2	0.65	2.34	33.285	0.71
109.25	0.83	2.99	33.3	0.91
109.3	0.91	2.04	33.315	0.62
109.35	0.96	1.64	33.331	0.5
109.4	0.98	0.7	33.346	0.21
109.45	0.49	1.51	33.361	0.46
109.5	0.74	1.78	33.376	0.54
109.55	0.87	2.04	33.391	0.62
109.6	0.94	2.46	33.407	0.75
109.65	0.47	2.97	33.422	0.9
109.7	0.23	3.23	33.437	0.98
109.75	0.12	2.69	33.452	0.82
109.8	0.56	1.43	33.468	0.44
109.85	0.78	2.73	33.483	0.83
109.9	0.39	1.48	33.498	0.45
109.95	0.69	3.96	33.513	1.21
110	0.85	2.41	33.529	0.73
110.05	0.42	3.09	33.544	0.94
110.1	0.21	2.3	33.559	0.7
110.15	0.11	2.1	33.574	0.64
110.2	0.05	2.23	33.59	0.68
110.25	0.53	2.49	33.605	0.76
110.3	0.76	2.87	33.62	0.87
110.35	0.88	2.54	33.635	0.77
110.4	0.94	1.99	33.651	0.61
110.45	0.97	2.05	33.666	0.62
110.5	0.99	2.39	33.681	0.73
110.55	0.99	1.88	33.696	0.57
110.6	0.5	1.48	33.712	0.45
110.65	0.25	1.5	33.727	0.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	0.62	1.97	33.742	0.6
110.75	0.81	2.4	33.757	0.73
110.8	0.91	2.33	33.772	0.71
110.85	0.95	1.88	33.788	0.57
110.9	0.48	2.08	33.803	0.63
110.95	0.74	3.29	33.818	1
111	0.37	2.83	33.833	0.86
111.05	0.18	1.78	33.849	0.54
111.1	0.59	2.42	33.864	0.74
111.15	0.8	1.61	33.879	0.49
111.2	0.9	1.96	33.894	0.6
111.25	0.95	1.93	33.91	0.59
111.3	0.47	3.31	33.925	1.01
111.35	0.74	1.33	33.94	0.41
111.4	0.87	2.28	33.955	0.7
111.45	0.93	2	33.971	0.61
111.5	0.97	2.08	33.986	0.64
111.55	0.48	1.28	34.001	0.39
111.6	0.74	2	34.016	0.61
111.65	0.87	1.46	34.032	0.45
111.7	0.44	2.14	34.047	0.65
111.75	0.72	1.59	34.062	0.48
111.8	0.86	1.73	34.077	0.53
111.85	0.43	1.49	34.093	0.46
111.9	0.21	1.02	34.108	0.31
111.95	0.11	1.28	34.123	0.39
112	0.55	1.25	34.138	0.38
112.05	0.78	1.92	34.154	0.58
112.1	0.39	1.23	34.169	0.37
112.15	0.69	1.62	34.184	0.49
112.2	0.85	1.42	34.199	0.43
112.25	0.42	2.05	34.214	0.62
112.3	0.21	1.73	34.23	0.53
112.35	0.11	1.93	34.245	0.59
112.4	0.55	1.89	34.26	0.58
112.45	0.78	2.75	34.275	0.84
112.5	0.89	3.15	34.291	0.96
112.55	0.94	2.48	34.306	0.76
112.6	0.47	2.42	34.321	0.74
112.65	0.74	2.73	34.336	0.83
112.7	0.87	1.92	34.352	0.58
112.75	0.93	2.58	34.367	0.79
112.8	0.97	2.77	34.382	0.84
112.85	0.48	2.24	34.397	0.68
112.9	0.74	2.31	34.413	0.7
112.95	0.87	2.41	34.428	0.73
113	0.94	2.55	34.443	0.78
113.05	0.47	2.3	34.458	0.7
113.1	0.23	1.86	34.474	0.57
113.15	0.62	2.55	34.489	0.78
113.2	0.81	2.53	34.504	0.77
113.25	0.9	1.66	34.519	0.51
113.3	0.95	1.48	34.535	0.45
113.35	0.98	2.64	34.55	0.8
113.4	0.49	4.83	34.565	1.47
113.45	0.74	4.87	34.58	1.48
113.5	0.87	3.79	34.596	1.15
113.55	0.44	2.61	34.611	0.79
113.6	0.22	7.91	34.626	2.41
113.65	0.61	4.13	34.641	1.26
113.7	0.8	6.45	34.656	1.96
113.75	0.9	3.78	34.672	1.15

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	0.95	7.26	34.687	2.21
113.85	0.98	4.21	34.702	1.28
113.9	0.49	3.03	34.717	0.92
113.95	0.74	4.35	34.733	1.33
114	0.87	2.35	34.748	0.72
114.05	0.44	3.08	34.763	0.94
114.1	0.72	3.56	34.778	1.08
114.15	0.86	2.58	34.794	0.79
114.2	0.93	4.03	34.809	1.23
114.25	0.96	2.06	34.824	0.63
114.3	0.48	2.84	34.839	0.87
114.35	0.74	1.8	34.855	0.55
114.4	0.37	1.42	34.87	0.43
114.45	0.69	2.55	34.885	0.78
114.5	0.34	1.97	34.9	0.6
114.55	0.67	1.98	34.916	0.6
114.6	0.34	1.75	34.931	0.53
114.65	0.17	2.79	34.946	0.85
114.7	0.58	3.51	34.961	1.07
114.75	0.79	3.03	34.977	0.92
114.8	0.9	2.24	34.992	0.68
114.85	0.95	4.41	35.007	1.34
114.9	0.47	2.75	35.022	0.84
114.95	0.74	2.29	35.037	0.7
115	0.37	2.42	35.053	0.74
115.05	0.68	4.45	35.068	1.36
115.1	0.84	3	35.083	0.91
115.15	0.92	1.87	35.098	0.57
115.2	0.96	2.26	35.114	0.69
115.25	0.98	2.49	35.129	0.76
115.3	0.99	2.36	35.144	0.72
115.35	1	2.07	35.159	0.63
115.4	1	2.76	35.175	0.84
115.45	1	1.88	35.19	0.57
115.5	1	2.02	35.205	0.62
115.55	1	1.21	35.22	0.37
115.6	1	1.55	35.236	0.47
115.65	1	1.53	35.251	0.47
115.7	1	1.37	35.266	0.42
115.75	1	1.6	35.281	0.49
115.8	1	1.38	35.297	0.42
115.85	1	1.9	35.312	0.58
115.9	1	1.88	35.327	0.57
115.95	1	2.91	35.342	0.89
116	1	1.43	35.358	0.44
116.05	1	1.7	35.373	0.52
116.1	1	1.77	35.388	0.54
116.15	1	1.57	35.403	0.48
116.2	1	1.75	35.419	0.53
116.25	1	2.16	35.434	0.66
116.3	1	2.53	35.449	0.77
116.35	1	1.71	35.464	0.52
116.4	1	2.1	35.479	0.64
116.45	1	2.05	35.495	0.63
116.5	1	2.09	35.51	0.64
116.55	1	1.53	35.525	0.47
116.6	1	1.85	35.54	0.56
116.65	1	2.11	35.556	0.64
116.7	1	1.78	35.571	0.54
116.75	0.5	1.42	35.586	0.43
116.8	0.25	1.71	35.601	0.52
116.85	0.62	2.22	35.617	0.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	0.31	1.44	35.632	0.44
116.95	0.66	1.65	35.647	0.5
117	0.83	2.06	35.662	0.63
117.05	0.91	1.66	35.678	0.51
117.1	0.96	1.5	35.693	0.46
117.15	0.98	1.86	35.708	0.57
117.2	0.99	2.12	35.723	0.65
117.25	0.99	2.63	35.739	0.8
117.3	1	1.56	35.754	0.48
117.35	1	3.48	35.769	1.06
117.4	0.5	2.62	35.784	0.8
117.45	0.75	2.3	35.8	0.7
117.5	0.87	2.1	35.815	0.64
117.55	0.94	2.53	35.83	0.77
117.6	0.97	2.46	35.845	0.75
117.65	0.98	2.79	35.861	0.85
117.7	0.99	2.47	35.876	0.75
117.75	1	2.18	35.891	0.66
117.8	0.5	3.38	35.906	1.03
117.85	0.75	3.28	35.921	1
117.9	0.87	2.23	35.937	0.68
117.95	0.94	3.59	35.952	1.09
118	0.97	2.9	35.967	0.88
118.05	0.98	2.73	35.982	0.83
118.1	0.99	2.68	35.998	0.82
118.15	1	2.32	36.013	0.71
118.2	1	2.47	36.028	0.75
118.25	1	3.3	36.043	1
118.3	1	1.01	36.059	0.31
118.35	1	0.95	36.074	0.29
118.4	0.5	2.22	36.089	0.68
118.45	0.75	3.05	36.104	0.93
118.5	0.87	1.76	36.12	0.54
118.55	0.94	2.39	36.135	0.73
118.6	0.97	4.43	36.15	1.35
118.65	0.48	2.6	36.165	0.79
118.7	0.74	1.86	36.181	0.57
118.75	0.87	1.79	36.196	0.54
118.8	0.94	2.94	36.211	0.9
118.85	0.97	2.72	36.226	0.83
118.9	0.98	2.67	36.242	0.81
118.95	0.99	1.94	36.257	0.59
119	1	4.8	36.272	1.46
119.05	1	2	36.287	0.61
119.1	1	2.69	36.302	0.82
119.15	1	2.05	36.318	0.62
119.2	0.5	3.48	36.333	1.06
119.25	0.25	2	36.348	0.61
119.3	0.62	1.41	36.363	0.43
119.35	0.81	1.18	36.379	0.36
119.4	0.91	1.95	36.394	0.6
119.45	0.95	1.38	36.409	0.42
119.5	0.98	1.82	36.424	0.56
119.55	0.99	1.57	36.44	0.48
119.6	0.99	0.89	36.455	0.27
119.65	1	1.34	36.47	0.41
119.7	1	0.89	36.485	0.27
119.75	1	2.49	36.501	0.76
119.8	1	1.55	36.516	0.47
119.85	1	1.54	36.531	0.47
119.9	1	1.63	36.546	0.5
119.95	1	1.49	36.562	0.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	0.5	0.87	36.577	0.27
120.05	0.75	1.16	36.592	0.35
120.1	0.87	1	36.607	0.3
120.15	0.94	0.91	36.623	0.28
120.2	0.97	0.53	36.638	0.16
120.25	0.48	0.71	36.653	0.22
120.3	0.24	0.53	36.668	0.16
120.35	1619.62	1.4	36.684	0.43
120.4	810.31	0.89	36.699	0.27
120.45	405.16	1.41	36.714	0.43
120.5	203.08	1	36.729	0.31
120.55	101.54	1.06	36.744	0.32
120.6	51.27	1.35	36.76	0.41
120.65	26.13	0.55	36.775	0.17
120.7	13.57	1.02	36.79	0.31
120.75	7.28	1.39	36.805	0.43
120.8	4.14	0.97	36.821	0.3
120.85	2.57	0.74	36.836	0.23
120.9	1.79	0.66	36.851	0.2
120.95	0.89	0.42	36.866	0.13
121	0.95	0.48	36.882	0.15
121.05	0.47	0.45	36.897	0.14
121.1	0.74	1.13	36.912	0.35
121.15	0.87	0.79	36.927	0.24
121.2	0.43	0.69	36.943	0.21
121.25	0.72	0.8	36.958	0.24
121.3	0.36	0.7	36.973	0.21
121.35	0.68	0.54	36.988	0.17
121.4	0.84	1.03	37.004	0.31
121.45	0.92	0.51	37.019	0.15
121.5	0.46	0.42	37.034	0.13
121.55	0.73	1.41	37.049	0.43
121.6	0.36	0.55	37.065	0.17
121.65	0.68	1.01	37.08	0.31
121.7	0.34	1.21	37.095	0.37
121.75	0.17	0.86	37.11	0.26
121.8	0.09	0.51	37.126	0.15
121.85	0.04	0.81	37.141	0.25
121.9	0.52	0.83	37.156	0.25
121.95	0.26	0.75	37.171	0.23
122	0.63	1.48	37.186	0.45
122.05	0.82	0.77	37.202	0.24
122.1	0.41	0.71	37.217	0.22
122.15	0.7	0.64	37.232	0.2
122.2	0.35	0.89	37.247	0.27
122.25	0.18	0.78	37.263	0.24
122.3	0.59	0.76	37.278	0.23
122.35	0.79	0.71	37.293	0.22
122.4	0.9	0.4	37.308	0.12
122.45	0.95	0.45	37.324	0.14
122.5	0.97	1.13	37.339	0.34
122.55	0.99	1.13	37.354	0.35
122.6	0.99	0.74	37.369	0.23
122.65	1	0.58	37.385	0.18
122.7	1	0.46	37.4	0.14
122.75	1	1.15	37.415	0.35
122.8	0.5	0.49	37.43	0.15
122.85	0.75	1.16	37.446	0.35
122.9	0.87	1.43	37.461	0.43
122.95	0.94	0.52	37.476	0.16
123	0.47	0.52	37.491	0.16
123.05	0.23	1.19	37.507	0.36

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	0.62	1.09	37.522	0.33
123.15	0.31	1.3	37.537	0.4
123.2	0.65	0.78	37.552	0.24
123.25	0.83	0.82	37.567	0.25
123.3	0.41	0.85	37.583	0.26
123.35	0.71	1.09	37.598	0.33
123.4	0.35	1.77	37.613	0.54
123.45	0.18	1.44	37.628	0.44
123.5	0.59	0.75	37.644	0.23
123.55	0.79	0.7	37.659	0.21
123.6	0.4	2.78	37.674	0.85
123.65	0.7	0.82	37.689	0.25
123.7	0.85	1.42	37.705	0.43
123.75	0.92	1.22	37.72	0.37
123.8	0.46	3.42	37.735	1.04
123.85	0.23	2.42	37.75	0.74
123.9	0.12	2.33	37.766	0.71
123.95	0.06	1.22	37.781	0.37
124	0.03	2.02	37.796	0.62
124.05	0.01	1.59	37.811	0.48
124.1	0.01	2.06	37.827	0.63
124.15	0	2.25	37.842	0.69
124.2	0.5	2.55	37.857	0.78
124.25	0.25	2.4	37.872	0.73
124.3	0.13	1.55	37.888	0.47
124.35	0.06	0.99	37.903	0.3
124.4	0.03	1.56	37.918	0.48
124.45	0.02	1.35	37.933	0.41
124.5	0.51	0.93	37.949	0.28
124.55	0.25	0.95	37.964	0.29
124.6	0.13	1.89	37.979	0.58
124.65	0.56	1.08	37.994	0.33
124.7	0.28	0.6	38.009	0.18
124.75	0.64	1.26	38.025	0.39
124.8	0.82	1.19	38.04	0.36
124.85	0.91	2.16	38.055	0.66
124.9	0.46	1.7	38.07	0.52
124.95	0.73	1.37	38.086	0.42
125	0.36	1.03	38.101	0.31
125.05	0.68	2.48	38.116	0.76
125.1	0.34	1.92	38.131	0.59
125.15	0.67	1.26	38.147	0.38
125.2	0.34	1.34	38.162	0.41
125.25	0.67	2.25	38.177	0.68
125.3	0.33	1.47	38.192	0.45
125.35	0.17	2.48	38.208	0.76
125.4	0.58	1.16	38.223	0.35
125.45	0.29	1.51	38.238	0.46
125.5	0.65	1.31	38.253	0.4
125.55	0.32	1.5	38.269	0.46
125.6	0.66	0.83	38.284	0.25
125.65	0.33	1.29	38.299	0.39
125.7	0.67	0.95	38.314	0.29
125.75	0.33	1.38	38.33	0.42
125.8	0.67	0.8	38.345	0.24
125.85	0.33	1.42	38.36	0.43
125.9	0.67	0.74	38.375	0.23
125.95	0.33	0.71	38.39	0.22
126	0.17	1.02	38.406	0.31
126.05	0.08	0.58	38.421	0.18
126.1	0.54	0.59	38.436	0.18
126.15	0.77	1.06	38.451	0.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	0.89	0.89	38.467	0.27
126.25	0.94	0.59	38.482	0.18
126.3	0.47	0.85	38.497	0.26
126.35	0.24	0.72	38.512	0.22
126.4	0.12	1.18	38.528	0.36
126.45	0.06	0.64	38.543	0.2
126.5	0.53	1.09	38.558	0.33
126.55	0.26	1.79	38.573	0.55
126.6	0.63	1.04	38.589	0.32
126.65	0.32	1.04	38.604	0.32
126.7	0.66	2.07	38.619	0.63
126.75	0.83	1.41	38.634	0.43
126.8	0.91	0.96	38.65	0.29
126.85	0.46	0.89	38.665	0.27
126.9	0.23	1.46	38.68	0.44
126.95	0.61	1.34	38.695	0.41
127	0.81	1.42	38.711	0.43
127.05	0.4	1.46	38.726	0.44
127.1	0.2	1.09	38.741	0.33
127.15	0.6	1.12	38.756	0.34
127.2	0.3	2.13	38.772	0.65
127.25	0.15	2.29	38.787	0.7
127.3	0.08	1.67	38.802	0.51
127.35	0.54	1.13	38.817	0.34
127.4	0.77	1.28	38.832	0.39
127.45	0.88	0.78	38.848	0.24
127.5	0.94	1.21	38.863	0.37
127.55	0.47	1.32	38.878	0.4
127.6	0.24	1.64	38.893	0.5
127.65	0.62	1.55	38.909	0.47
127.7	0.81	1.24	38.924	0.38
127.75	0.9	1.8	38.939	0.55
127.8	0.95	2.81	38.954	0.86
127.85	0.48	0.99	38.97	0.3
127.9	0.74	1.74	38.985	0.53
127.95	0.37	1.88	39	0.57
128	0.68	2.6	39.015	0.79
128.05	0.84	1.42	39.031	0.43
128.1	0.92	1.89	39.046	0.58
128.15	0.46	2.03	39.061	0.62
128.2	0.73	1.94	39.076	0.59
128.25	0.37	1.44	39.092	0.44
128.3	0.68	2.31	39.107	0.7
128.35	0.84	2.25	39.122	0.69
128.4	0.92	2.15	39.137	0.65
128.45	0.46	3.03	39.153	0.92
128.5	0.23	0.88	39.168	0.27
128.55	0.62	1.62	39.183	0.49
128.6	0.81	2.06	39.198	0.63
128.65	0.9	1.27	39.214	0.39
128.7	0.95	3.27	39.229	1
128.75	0.48	1.87	39.244	0.57
128.8	0.24	4.25	39.259	1.3
128.85	0.12	2.54	39.274	0.78
128.9	0.56	3.37	39.29	1.03
128.95	0.28	2.38	39.305	0.72
129	0.14	4.06	39.32	1.24
129.05	0.57	2.77	39.335	0.84
129.1	0.78	2.68	39.351	0.82
129.15	0.89	2.74	39.366	0.83
129.2	0.45	1.68	39.381	0.51
129.25	0.72	3.61	39.396	1.1

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	0.86	2.47	39.412	0.75
129.35	0.93	2.58	39.427	0.79
129.4	0.97	5.36	39.442	1.63
129.45	0.98	3	39.457	0.91
129.5	0.99	3.14	39.473	0.96
129.55	1	2.2	39.488	0.67
129.6	1	1.53	39.503	0.47
129.65	1	2.75	39.518	0.84
129.7	0.5	2.38	39.534	0.73
129.75	0.75	2.21	39.549	0.67
129.8	0.87	2.5	39.564	0.76
129.85	0.44	3.41	39.579	1.04
129.9	0.72	3.3	39.595	1.01
129.95	0.86	3.38	39.61	1.03
130	0.43	3.21	39.625	0.98
130.05	0.71	6.36	39.64	1.94
130.1	0.86	3.05	39.655	0.93
130.15	0.43	2.98	39.671	0.91
130.2	0.21	2.7	39.686	0.82
130.25	0.61	3.15	39.701	0.96
130.3	0.8	3.04	39.716	0.93
130.35	0.9	5.35	39.732	1.63
130.4	0.95	2.34	39.747	0.71
130.45	0.98	3.39	39.762	1.03
130.5	0.99	1.77	39.777	0.54
130.55	0.49	3.65	39.793	1.11
130.6	0.25	3.54	39.808	1.08
130.65	0.12	4.2	39.823	1.28
130.7	0.06	1.86	39.838	0.57
130.75	0.03	1.63	39.854	0.5
130.8	0.52	1.98	39.869	0.6
130.85	0.76	1.39	39.884	0.42
130.9	0.88	2.44	39.899	0.74
130.95	0.94	1.4	39.915	0.43
131	0.97	1.31	39.93	0.4
131.05	0.48	1.19	39.945	0.36
131.1	0.24	1.9	39.96	0.58
131.15	0.62	1.3	39.976	0.39
131.2	0.31	1.78	39.991	0.54
131.25	0.66	1.71	40.006	0.52
131.3	0.83	1.43	40.021	0.44
131.35	0.91	1.89	40.037	0.58
131.4	0.46	2.42	40.052	0.74
131.45	0.23	1.54	40.067	0.47
131.5	0.61	1.83	40.082	0.56
131.55	0.31	2	40.097	0.61
131.6	0.15	1.82	40.113	0.55
131.65	0.08	2.27	40.128	0.69
131.7	0.54	2.59	40.143	0.79
131.75	0.27	2	40.158	0.61
131.8	0.63	1.61	40.174	0.49
131.85	0.32	1.61	40.189	0.49
131.9	0.66	1.41	40.204	0.43
131.95	0.33	1.33	40.219	0.41
132	0.16	2.06	40.235	0.63
132.05	0.58	1.64	40.25	0.5
132.1	0.29	1.6	40.265	0.49
132.15	0.65	1.62	40.28	0.49
132.2	0.82	2.61	40.296	0.8
132.25	0.91	1.59	40.311	0.48
132.3	0.46	1	40.326	0.31
132.35	0.23	0.94	40.341	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	0.11	1.32	40.357	0.4
132.45	0.56	1.52	40.372	0.46
132.5	0.78	1.11	40.387	0.34
132.55	0.39	1.61	40.402	0.49
132.6	0.69	2.11	40.418	0.64
132.65	0.35	1.79	40.433	0.54
132.7	0.17	1.67	40.448	0.51
132.75	0.09	2.92	40.463	0.89
132.8	0.54	1.99	40.479	0.61
132.85	0.77	1.22	40.494	0.37
132.9	0.89	1.86	40.509	0.57
132.95	0.44	1.97	40.524	0.6
133	0.72	2.08	40.539	0.63
133.05	0.86	1.76	40.555	0.54
133.1	0.93	2.5	40.57	0.76
133.15	0.47	1.8	40.585	0.55
133.2	0.73	1.54	40.6	0.47
133.25	0.37	3.58	40.616	1.09
133.3	0.68	2.57	40.631	0.78
133.35	0.84	2.04	40.646	0.62
133.4	0.92	1.89	40.661	0.58
133.45	0.46	2.11	40.677	0.64
133.5	0.23	1.12	40.692	0.34
133.55	0.62	0.62	40.707	0.19
133.6	0.31	2.42	40.722	0.74
133.65	0.15	1.17	40.738	0.36
133.7	0.58	2.42	40.753	0.74
133.75	0.29	1.15	40.768	0.35
133.8	0.14	2.27	40.783	0.69
133.85	0.07	1.37	40.799	0.42
133.9	0.54	1.9	40.814	0.58
133.95	0.77	1.57	40.829	0.48
134	0.38	1.85	40.844	0.56
134.05	0.69	1.97	40.86	0.6
134.1	0.85	1.92	40.875	0.59
134.15	0.42	1.99	40.89	0.61
134.2	0.71	1.81	40.905	0.55
134.25	0.86	1.85	40.92	0.57
134.3	0.93	2.04	40.936	0.62
134.35	0.46	2.47	40.951	0.75
134.4	0.73	3.26	40.966	0.99
134.45	0.87	1.83	40.981	0.56
134.5	0.93	1.65	40.997	0.5
134.55	0.97	1.27	41.012	0.39
134.6	0.98	1.89	41.027	0.58
134.65	0.99	1.5	41.042	0.46
134.7	1	1.89	41.058	0.58
134.75	0.5	1.75	41.073	0.53
134.8	0.75	1.1	41.088	0.34
134.85	0.87	2.65	41.103	0.81
134.9	0.44	2.27	41.119	0.69
134.95	0.22	2.56	41.134	0.78
135	0.61	2.56	41.149	0.78
135.05	0.8	4.59	41.164	1.4
135.1	0.4	3.33	41.18	1.01
135.15	0.2	3.27	41.195	1
135.2	0.6	2.74	41.21	0.84
135.25	0.3	5.02	41.225	1.53
135.3	0.65	3.23	41.241	0.99
135.35	0.83	2.29	41.256	0.7
135.4	0.41	3.11	41.271	0.95
135.45	0.21	3.7	41.286	1.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	0.1	2.78	41.302	0.85
135.55	0.55	2.81	41.317	0.86
135.6	0.28	3.63	41.332	1.1
135.65	0.64	2.8	41.347	0.85
135.7	0.32	1.92	41.362	0.58
135.75	0.66	1.84	41.378	0.56
135.8	0.33	1.76	41.393	0.54
135.85	0.66	1.85	41.408	0.56
135.9	0.83	2.2	41.423	0.67
135.95	0.92	1.52	41.439	0.46
136	0.46	1.27	41.454	0.39
136.05	0.73	0.98	41.469	0.3
136.1	0.86	1.71	41.484	0.52
136.15	0.93	1.48	41.5	0.45
136.2	0.47	1.46	41.515	0.45
136.25	0.23	1.25	41.53	0.38
136.3	0.62	1.58	41.545	0.48
136.35	0.81	1.87	41.561	0.57
136.4	0.9	1.25	41.576	0.38
136.45	0.45	1.32	41.591	0.4
136.5	0.23	1.46	41.606	0.45
136.55	0.61	1.71	41.622	0.52
136.6	0.81	1.82	41.637	0.55
136.65	0.4	1.86	41.652	0.57
136.7	0.2	1.93	41.667	0.59
136.75	0.1	0.98	41.683	0.3
136.8	0.05	1.7	41.698	0.52
136.85	0.03	0.75	41.713	0.23
136.9	0.01	2.39	41.728	0.73
136.95	0.01	1.78	41.744	0.54
137	0	1.19	41.759	0.36
137.05	0.5	0.87	41.774	0.27
137.1	0.25	1.05	41.789	0.32
137.15	0.13	1.56	41.804	0.47
137.2	0.06	1.68	41.82	0.51
137.25	0.03	1.21	41.835	0.37
137.3	0.02	1.44	41.85	0.44
137.35	0.01	0.91	41.865	0.28
137.4	0	1.12	41.881	0.34
137.45	0	1.33	41.896	0.4
137.5	0	1.51	41.911	0.46
137.55	0	1.27	41.926	0.39
137.6	0.5	0.95	41.942	0.29
137.65	0.25	1.36	41.957	0.41
137.7	0.63	1.12	41.972	0.34
137.75	0.81	1.15	41.987	0.35
137.8	0.41	0.94	42.003	0.29
137.85	0.7	1.11	42.018	0.34
137.9	0.35	0.55	42.033	0.17
137.95	0.18	1.37	42.048	0.42
138	0.59	0.7	42.064	0.21
138.05	0.79	1.46	42.079	0.44
138.1	0.9	1.12	42.094	0.34
138.15	0.45	1.44	42.109	0.44
138.2	0.72	1.07	42.125	0.33
138.25	0.36	1.43	42.14	0.44
138.3	0.18	2.45	42.155	0.75
138.35	0.09	1.96	42.17	0.6
138.4	0.55	2.21	42.185	0.67
138.45	0.77	0.96	42.201	0.29
138.5	0.39	1.63	42.216	0.5
138.55	0.19	1.84	42.231	0.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	0.6	0.69	42.246	0.21
138.65	0.3	0.41	42.262	0.13
138.7	0.15	0.59	42.277	0.18
138.75	0.07	0.75	42.292	0.23
138.8	0.54	2.68	42.307	0.82
138.85	0.27	1.16	42.323	0.35
138.9	0.13	2.18	42.338	0.67
138.95	0.57	0.79	42.353	0.24
139	0.78	4.75	42.368	1.45
139.05	0.39	1.21	42.384	0.37
139.1	0.7	2.69	42.399	0.82
139.15	0.35	1.48	42.414	0.45
139.2	0.17	1.62	42.429	0.49
139.25	0.09	1.62	42.445	0.5
139.3	0.04	1.94	42.46	0.59
139.35	0.02	1.49	42.475	0.46
139.4	0.01	1.83	42.49	0.56
139.45	0.01	2.35	42.506	0.72
139.5	0	1.12	42.521	0.34
139.55	0	1.35	42.536	0.41
139.6	0	2.04	42.551	0.62
139.65	0	1.32	42.567	0.4
139.7	0	1.75	42.582	0.53
139.75	0.5	1.1	42.597	0.34
139.8	0.25	1.33	42.612	0.4
139.85	0.63	0.77	42.627	0.23
139.9	0.81	0.61	42.643	0.19
139.95	0.91	0.78	42.658	0.24
140	0.95	0.88	42.673	0.27
140.05	0.98	1.45	42.688	0.44
140.1	0.49	1.33	42.704	0.41
140.15	0.74	1.23	42.719	0.37
140.2	0.87	1.05	42.734	0.32
140.25	0.44	2.17	42.749	0.66
140.3	0.22	1.23	42.765	0.37
140.35	0.11	2.15	42.78	0.66
140.4	0.05	1.47	42.795	0.45
140.45	0.03	2.83	42.81	0.86
140.5	0.01	1.91	42.826	0.58
140.55	0.01	2.31	42.841	0.7
140.6	0.5	2.34	42.856	0.71
140.65	0.25	1.7	42.871	0.52
140.7	0.63	1.63	42.887	0.5
140.75	0.81	2.23	42.902	0.68
140.8	0.41	2.07	42.917	0.63
140.85	0.2	1.66	42.932	0.51

US EPA ARCHIVE DOCUMENT

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Sat Jun 07 2008 20:52

LOG END DEPTH: 135.604 FEET

LOG END TIME: Sat Jun 07 2008 23:39

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	0.5	4.38	0	1.33
0.05	0.75	8.11	0.015	2.47
0.1	1.38	8.85	0.03	2.7
0.15	2.19	9.52	0.046	2.9
0.2	2.09	9.4	0.061	2.86
0.25	1.55	11.73	0.076	3.57
0.3	4.77	10.5	0.091	3.2
0.35	4.89	10.76	0.107	3.28
0.4	8.94	12.74	0.122	3.88
0.45	22.47	11.47	0.137	3.5
0.5	32.74	12.72	0.152	3.88
0.55	31.87	13.64	0.168	4.16
0.6	19.93	12.54	0.183	3.82
0.65	56.47	11.64	0.198	3.55
0.7	154.73	12.74	0.213	3.88
0.75	141.37	13.58	0.229	4.14
0.8	117.18	11.39	0.244	3.47
0.85	151.09	10.41	0.259	3.17
0.9	133.55	11.84	0.274	3.61
0.95	249.77	11.09	0.29	3.38
1	205.89	10.58	0.305	3.22
1.05	263.44	12.48	0.32	3.81
1.1	224.22	9.8	0.335	2.99
1.15	295.11	10.28	0.351	3.13
1.2	375.06	8.85	0.366	2.7
1.25	393.03	10.29	0.381	3.14
1.3	196.51	10.54	0.396	3.21
1.35	236.26	9.87	0.411	3.01
1.4	345.63	9.58	0.427	2.92
1.45	400.31	9.3	0.442	2.83
1.5	360.66	10.13	0.457	3.09
1.55	318.33	11.12	0.472	3.39
1.6	430.66	9.89	0.488	3.02
1.65	215.33	10.8	0.503	3.29
1.7	335.17	10.56	0.518	3.22
1.75	167.58	9.8	0.533	2.99
1.8	266.79	11.12	0.549	3.39
1.85	293.9	11.11	0.564	3.39
1.9	146.95	12.25	0.579	3.73
1.95	73.47	11.18	0.594	3.41
2	36.74	11.82	0.61	3.6
2.05	18.37	11.12	0.625	3.39
2.1	147.18	10.82	0.64	3.3
2.15	73.59	10.29	0.655	3.14

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	197.3	10.32	0.671	3.15
2.25	98.65	10.15	0.686	3.09
2.3	254.82	10.92	0.701	3.33
2.35	127.41	10.34	0.716	3.15
2.4	63.71	11.61	0.732	3.54
2.45	31.85	11.15	0.747	3.4
2.5	221.43	10.09	0.762	3.07
2.55	248.71	10.99	0.777	3.35
2.6	262.36	4.7	0.792	1.43
2.65	2067.18	6.08	0.808	1.85
2.7	1171.59	8.1	0.823	2.47
2.75	585.79	8.33	0.838	2.54
2.8	292.9	9.69	0.853	2.95
2.85	146.45	12.17	0.869	3.71
2.9	73.22	11.87	0.884	3.62
2.95	1236.11	12.74	0.899	3.88
3	1817.56	12	0.914	3.66
3.05	908.78	12.64	0.93	3.85
3.1	1653.89	12.8	0.945	3.9
3.15	826.94	13.01	0.96	3.97
3.2	413.47	13.08	0.975	3.99
3.25	1406.24	13.8	0.991	4.21
3.3	703.12	5.18	1.006	1.58
3.35	351.56	10.56	1.021	3.22
3.4	336.28	9.09	1.036	2.77
3.45	168.14	11.14	1.052	3.39
3.5	2020.07	6.1	1.067	1.86
3.55	2209.53	7.64	1.082	2.33
3.6	1104.77	9.12	1.097	2.78
3.65	690.38	7.94	1.113	2.42
3.7	1544.69	5.61	1.128	1.71
3.75	772.35	6.09	1.143	1.86
3.8	386.17	7.04	1.158	2.14
3.85	193.09	8.08	1.173	2.46
3.9	96.54	7.01	1.189	2.14
3.95	1984.27	6.64	1.204	2.02
4	992.14	7.11	1.219	2.17
4.05	496.07	7.55	1.234	2.3
4.1	1447.53	12.15	1.25	3.7
4.15	723.77	8.95	1.265	2.73
4.2	361.88	12.85	1.28	3.92
4.25	180.94	12.71	1.295	3.87
4.3	90.47	9.29	1.311	2.83
4.35	183.24	8.81	1.326	2.69
4.4	252.12	10.92	1.341	3.33
4.45	2062.06	9.07	1.356	2.77
4.5	1031.03	8.44	1.372	2.57
4.55	515.51	9.13	1.387	2.78
4.6	350.26	11.64	1.402	3.55
4.65	175.13	8.86	1.417	2.7
4.7	87.56	11.39	1.433	3.47
4.75	43.78	8.96	1.448	2.73
4.8	159.89	7.75	1.463	2.36
4.85	79.95	8.7	1.478	2.65
4.9	39.97	8.03	1.494	2.45
4.95	1955.99	7.05	1.509	2.15
5	2913.99	6.9	1.524	2.1
5.05	1457	6.46	1.539	1.97
5.1	821	6.86	1.554	2.09
5.15	571	6.93	1.57	2.11
5.2	2221.5	8.51	1.585	2.59
5.25	1110.75	7.2	1.6	2.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	555.37	7.62	1.615	2.32
5.35	277.69	6.7	1.631	2.04
5.4	138.84	9.37	1.646	2.86
5.45	1268.92	6.63	1.661	2.02
5.5	634.46	7.92	1.676	2.41
5.55	1516.73	6.36	1.692	1.94
5.6	758.37	6.93	1.707	2.11
5.65	379.18	6.37	1.722	1.94
5.7	189.59	5.84	1.737	1.78
5.75	94.8	6.06	1.753	1.85
5.8	185.4	5.39	1.768	1.64
5.85	92.7	7.19	1.783	2.19
5.9	46.35	7.85	1.798	2.39
5.95	1222.67	5.83	1.814	1.78
6	749.34	4.83	1.829	1.47
6.05	374.67	5.3	1.844	1.62
6.1	1386.83	5.57	1.859	1.7
6.15	693.42	7.56	1.875	2.3
6.2	346.71	5.63	1.89	1.72
6.25	173.35	8.47	1.905	2.58
6.3	1286.18	8.76	1.92	2.67
6.35	781.09	8.73	1.935	2.66
6.4	390.54	4.91	1.951	1.5
6.45	2131.27	5.49	1.966	1.67
6.5	1248.64	5.09	1.981	1.55
6.55	624.32	6.07	1.996	1.85
6.6	450.16	5.52	2.012	1.68
6.65	225.08	6.61	2.027	2.02
6.7	112.54	6.68	2.042	2.04
6.75	56.27	7.09	2.057	2.16
6.8	28.13	9.92	2.073	3.02
6.85	14.07	8.24	2.088	2.51
6.9	7.03	6.86	2.103	2.09
6.95	164.02	6.38	2.118	1.94
7	82.01	6.41	2.134	1.95
7.05	41	6.12	2.149	1.86
7.1	158.5	6.25	2.164	1.9
7.15	79.25	6.83	2.179	2.08
7.2	39.63	7.32	2.195	2.23
7.25	225.31	6.13	2.21	1.87
7.3	112.66	6.53	2.225	1.99
7.35	261.83	6.98	2.24	2.13
7.4	130.91	6.85	2.256	2.09
7.45	65.46	6.3	2.271	1.92
7.5	32.73	6.71	2.286	2.05
7.55	1215.86	7.27	2.301	2.22
7.6	813.43	4.86	2.316	1.48
7.65	406.72	4	2.332	1.22
7.7	363.86	3.54	2.347	1.08
7.75	387.43	5.41	2.362	1.65
7.8	399.21	2.69	2.377	0.82
7.85	199.61	4.68	2.393	1.43
7.9	99.8	5.4	2.408	1.65
7.95	49.9	6.87	2.423	2.09
8	24.95	10.87	2.438	3.31
8.05	12.48	9.55	2.454	2.91
8.1	6.24	13.49	2.469	4.11
8.15	3.12	10.45	2.484	3.18
8.2	1.56	14.01	2.499	4.27
8.25	0.78	14.14	2.515	4.31
8.3	0.39	15.4	2.53	4.69
8.35	0.19	14.06	2.545	4.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	160.6	14.42	2.56	4.4
8.45	285.8	15.32	2.576	4.67
8.5	142.9	15.39	2.591	4.69
8.55	71.45	14.73	2.606	4.49
8.6	35.72	15.92	2.621	4.85
8.65	17.86	14.48	2.637	4.41
8.7	8.93	14.6	2.652	4.45
8.75	1203.97	14.31	2.667	4.36
8.8	601.98	11.13	2.682	3.39
8.85	300.99	12.44	2.697	3.79
8.9	150.5	6.9	2.713	2.1
8.95	1274.75	7.3	2.728	2.23
9	637.37	5.16	2.743	1.57
9.05	318.69	7.07	2.758	2.15
9.1	159.34	5.8	2.774	1.77
9.15	79.67	6.28	2.789	1.91
9.2	1239.34	6.08	2.804	1.85
9.25	619.67	6.67	2.819	2.03
9.3	1509.33	6.37	2.835	1.94
9.35	937.67	6.14	2.85	1.87
9.4	468.83	5.96	2.865	1.82
9.45	234.42	6.36	2.88	1.94
9.5	1316.71	6.5	2.896	1.98
9.55	2594.35	7.76	2.911	2.36
9.6	1366.68	7.8	2.926	2.38
9.65	683.34	7.11	2.941	2.17
9.7	341.67	7.51	2.957	2.29
9.75	331.33	7.63	2.972	2.33
9.8	165.67	6.1	2.987	1.86
9.85	82.83	6.78	3.002	2.07
9.9	41.42	7.64	3.018	2.33
9.95	20.71	6.78	3.033	2.07
10	10.35	6.61	3.048	2.01
10.05	1204.68	7.43	3.063	2.26
10.1	602.34	7.5	3.078	2.29
10.15	1500.67	5.5	3.094	1.68
10.2	750.33	7.05	3.109	2.15
10.25	1574.67	6.47	3.124	1.97
10.3	787.33	5.65	3.139	1.72
10.35	393.67	5.32	3.155	1.62
10.4	196.83	6.51	3.17	1.98
10.45	98.42	6.05	3.185	1.84
10.5	49.21	6.33	3.2	1.93
10.55	1224.1	5.33	3.216	1.62
10.6	612.05	6.2	3.231	1.89
10.65	2242.03	5.72	3.246	1.74
10.7	1121.01	8.35	3.261	2.55
10.75	560.51	8.3	3.277	2.53
10.8	280.25	7.24	3.292	2.21
10.85	140.13	7.66	3.307	2.33
10.9	70.06	7.54	3.322	2.3
10.95	1234.53	7.49	3.338	2.28
11	617.27	9.44	3.353	2.88
11.05	308.63	10.05	3.368	3.06
11.1	154.32	8.45	3.383	2.58
11.15	260.16	7.79	3.399	2.37
11.2	130.08	8.43	3.414	2.57
11.25	65.04	8.36	3.429	2.55
11.3	32.52	6.15	3.444	1.87
11.35	1952.26	6.33	3.459	1.93
11.4	976.13	7.28	3.475	2.22
11.45	488.06	6.61	3.49	2.02

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	1443.53	5.98	3.505	1.82
11.55	721.77	5.7	3.52	1.74
11.6	360.88	6.84	3.536	2.08
11.65	180.44	5.9	3.551	1.8
11.7	228.22	7.1	3.566	2.16
11.75	114.11	6.33	3.581	1.93
11.8	57.06	7.27	3.597	2.22
11.85	28.53	7.72	3.612	2.35
11.9	14.26	6.32	3.627	1.92
11.95	1206.63	7.24	3.642	2.21
12	603.32	8.19	3.658	2.5
12.05	301.66	6.29	3.673	1.92
12.1	150.83	7.61	3.688	2.32
12.15	1274.91	8.29	3.703	2.53
12.2	1836.96	5.89	3.719	1.8
12.25	918.48	7.61	3.734	2.32
12.3	1658.74	9.24	3.749	2.82
12.35	829.37	6.79	3.764	2.07
12.4	414.68	8.79	3.78	2.68
12.45	207.34	9.37	3.795	2.86
12.5	103.67	8.1	3.81	2.47
12.55	1251.34	7.76	3.825	2.37
12.6	808.67	5.96	3.84	1.82
12.65	404.33	3.74	3.856	1.14
12.7	2138.17	14.31	3.871	4.36
12.75	1069.08	8.36	3.886	2.55
12.8	534.54	5.53	3.901	1.69
12.85	1466.77	5.38	3.917	1.64
12.9	1932.89	5.96	3.932	1.82
12.95	2902.44	6.86	3.947	2.09
13	1451.22	9.38	3.962	2.86
13.05	725.61	8.36	3.978	2.55
13.1	2298.81	8.52	3.993	2.6
13.15	1149.4	6.04	4.008	1.84
13.2	574.7	7.64	4.023	2.33
13.25	287.35	6.25	4.039	1.91
13.3	2327.68	5.49	4.054	1.67
13.35	1346.84	6.19	4.069	1.89
13.4	2609.42	8.56	4.084	2.61
13.45	1304.71	9.18	4.1	2.8
13.5	652.35	7.07	4.115	2.16
13.55	1525.68	10.87	4.13	3.31
13.6	762.84	8.29	4.145	2.53
13.65	381.42	8.71	4.161	2.66
13.7	373.71	6.34	4.176	1.93
13.75	186.85	6.77	4.191	2.06
13.8	276.43	8.84	4.206	2.69
13.85	138.21	6.58	4.221	2.01
13.9	184.61	7.23	4.237	2.2
13.95	1291.8	6.59	4.252	2.01
14	1845.4	5.53	4.267	1.69
14.05	2122.2	8.55	4.282	2.61
14.1	1061.1	7.25	4.298	2.21
14.15	668.55	8.05	4.313	2.45
14.2	334.28	6.35	4.328	1.93
14.25	282.64	4.95	4.343	1.51
14.3	141.32	5.06	4.359	1.54
14.35	70.66	7.09	4.374	2.16
14.4	35.33	4.66	4.389	1.42
14.45	17.66	4.79	4.404	1.46
14.5	1208.33	6.07	4.42	1.85
14.55	604.17	5.67	4.435	1.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	302.08	8.29	4.45	2.53
14.65	2335.04	5.98	4.465	1.82
14.7	1167.52	5.82	4.481	1.77
14.75	1783.26	6.07	4.496	1.85
14.8	2091.13	8.56	4.511	2.61
14.85	2245.06	5.87	4.526	1.79
14.9	1122.53	6.43	4.542	1.96
14.95	744.27	5.42	4.557	1.65
15	1571.63	8.99	4.572	2.74
15.05	785.82	7.53	4.587	2.3
15.1	392.91	9.33	4.602	2.84
15.15	196.45	8.33	4.618	2.54
15.2	1297.73	6.36	4.633	1.94
15.25	648.86	7.27	4.648	2.22
15.3	324.43	7.26	4.663	2.21
15.35	162.22	5.3	4.679	1.62
15.4	2017.11	7.45	4.694	2.27
15.45	2944.55	6.44	4.709	1.96
15.5	1610.28	6.61	4.724	2.01
15.55	943.14	7.24	4.74	2.21
15.6	609.57	6.07	4.755	1.85
15.65	304.78	6.9	4.77	2.1
15.7	152.39	7.09	4.785	2.16
15.75	76.2	6.61	4.801	2.01
15.8	1237.6	6.99	4.816	2.13
15.85	1818.3	9.27	4.831	2.83
15.9	909.15	7.63	4.846	2.33
15.95	454.57	9.43	4.862	2.88
16	227.29	6.57	4.877	2
16.05	274.14	7.14	4.892	2.17
16.1	275.07	8.06	4.907	2.46
16.15	275.54	6.27	4.923	1.91
16.2	137.77	7.6	4.938	2.32
16.25	2004.88	8.25	4.953	2.51
16.3	1002.44	6.71	4.968	2.04
16.35	501.22	5.35	4.983	1.63
16.4	250.61	4.74	4.999	1.45
16.45	1324.81	6.39	5.014	1.95
16.5	1861.9	5.86	5.029	1.79
16.55	1091.45	6.34	5.044	1.93
16.6	751.23	7.45	5.06	2.27
16.65	536.11	7.57	5.075	2.31
16.7	268.06	5.66	5.09	1.72
16.75	272.03	6.4	5.105	1.95
16.8	296.51	6.22	5.121	1.9
16.85	1347.76	6.67	5.136	2.03
16.9	834.38	6.35	5.151	1.94
16.95	417.19	6.78	5.166	2.07
17	301.09	5.37	5.182	1.64
17.05	2334.55	7.08	5.197	2.16
17.1	1167.27	5.24	5.212	1.6
17.15	583.64	6.51	5.227	1.98
17.2	452.32	7.9	5.243	2.41
17.25	226.16	7.74	5.258	2.36
17.3	113.08	7.42	5.273	2.26
17.35	56.54	7.44	5.288	2.27
17.4	166.27	6.14	5.304	1.87
17.45	2019.14	7.64	5.319	2.33
17.5	1009.57	7.51	5.334	2.29
17.55	1704.28	6.33	5.349	1.93
17.6	2051.64	7.27	5.364	2.22
17.65	1208.82	5.1	5.38	1.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	742.41	5.65	5.395	1.72
17.75	371.21	6.38	5.41	1.94
17.8	185.6	2.89	5.425	0.88
17.85	92.8	2.16	5.441	0.66
17.9	46.4	4.18	5.456	1.27
17.95	23.2	3.83	5.471	1.17
18	11.6	5.51	5.486	1.68
18.05	5.8	4.61	5.502	1.4
18.1	2.9	8.74	5.517	2.66
18.15	1.45	4.19	5.532	1.28
18.2	1936.72	4.9	5.547	1.49
18.25	968.36	4.42	5.563	1.35
18.3	599.68	9.94	5.578	3.03
18.35	299.84	8.8	5.593	2.68
18.4	149.92	7.76	5.608	2.36
18.45	74.96	9.5	5.624	2.9
18.5	106.98	6.39	5.639	1.95
18.55	236.49	9.01	5.654	2.74
18.6	118.25	5.83	5.669	1.78
18.65	59.12	7.84	5.685	2.39
18.7	257.06	5.38	5.7	1.64
18.75	311.53	5.55	5.715	1.69
18.8	155.77	10.34	5.73	3.15
18.85	77.88	5.91	5.745	1.8
18.9	38.94	4.71	5.761	1.44
18.95	202.47	6.35	5.776	1.94
19	261.74	3.7	5.791	1.13
19.05	268.87	7.56	5.806	2.31
19.1	134.43	3.76	5.822	1.15
19.15	250.22	6.9	5.837	2.1
19.2	125.11	5.35	5.852	1.63
19.25	1262.05	6.17	5.867	1.88
19.3	631.03	6.02	5.883	1.83
19.35	315.51	6.5	5.898	1.98
19.4	1357.26	5.58	5.913	1.7
19.45	678.63	4.35	5.928	1.33
19.5	522.31	4.9	5.944	1.49
19.55	444.16	9.32	5.959	2.84
19.6	360.08	5.57	5.974	1.7
19.65	180.04	8.91	5.989	2.72
19.7	1289.52	7.72	6.005	2.35
19.75	760.26	7.57	6.02	2.31
19.8	518.13	6.27	6.035	1.91
19.85	259.06	5.13	6.05	1.56
19.9	199.03	8.26	6.066	2.52
19.95	99.52	5.15	6.081	1.57
20	49.76	8.13	6.096	2.48
20.05	24.88	6.48	6.111	1.97
20.1	12.44	7.13	6.126	2.17
20.15	121.72	5.79	6.142	1.76
20.2	60.86	7.95	6.157	2.42
20.25	145.93	6.34	6.172	1.93
20.3	72.96	6.34	6.187	1.93
20.35	36.48	5.19	6.203	1.58
20.4	18.24	5.95	6.218	1.81
20.45	147.12	5.91	6.233	1.8
20.5	166.06	4.87	6.248	1.49
20.55	83.03	4.74	6.264	1.44
20.6	157.02	6.45	6.279	1.97
20.65	2262.51	5.67	6.294	1.73
20.7	1131.25	7.76	6.309	2.37
20.75	703.63	4.47	6.325	1.36

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	467.31	5.6	6.34	1.71
20.85	233.66	6.26	6.355	1.91
20.9	277.33	6.87	6.37	2.09
20.95	231.16	8.17	6.386	2.49
21	115.58	7.2	6.401	2.2
21.05	57.79	4.33	6.416	1.32
21.1	28.9	4.65	6.431	1.42
21.15	129.95	6.02	6.447	1.83
21.2	157.47	4.19	6.462	1.28
21.25	171.24	3.53	6.477	1.08
21.3	201.12	6.32	6.492	1.93
21.35	216.06	5.44	6.507	1.66
21.4	291.03	5.42	6.523	1.65
21.45	1345.01	5.33	6.538	1.62
21.5	672.51	4.76	6.553	1.45
21.55	336.25	5.5	6.568	1.68
21.6	328.63	6.28	6.584	1.91
21.65	279.81	6.97	6.599	2.13
21.7	2075.91	4.71	6.614	1.43
21.75	1037.95	5.87	6.629	1.79
21.8	634.48	4.48	6.645	1.37
21.85	1516.74	5.86	6.66	1.79
21.9	2694.37	4.84	6.675	1.48
21.95	1347.18	5.62	6.69	1.71
22	2609.59	6.54	6.706	1.99
22.05	1465.3	4.66	6.721	1.42
22.1	1932.15	6.06	6.736	1.85
22.15	1149.07	5.83	6.751	1.78
22.2	1774.04	5.04	6.767	1.54
22.25	887.02	3.98	6.782	1.21
22.3	2379.51	4.28	6.797	1.3
22.35	1327.75	4.55	6.812	1.39
22.4	824.38	5.17	6.828	1.57
22.45	412.19	4.37	6.843	1.33
22.5	1405.59	6.97	6.858	2.12
22.55	702.8	4.22	6.873	1.28
22.6	489.4	6.06	6.888	1.85
22.65	450.2	5.21	6.904	1.59
22.7	363.1	5.05	6.919	1.54
22.75	2117.55	5.87	6.934	1.79
22.8	1219.27	4.4	6.949	1.34
22.85	609.64	4.26	6.965	1.3
22.9	304.82	5.47	6.98	1.67
22.95	152.41	4.33	6.995	1.32
23	76.2	6.36	7.01	1.94
23.05	243.6	4.41	7.026	1.34
23.1	121.8	6.15	7.041	1.87
23.15	60.9	4.88	7.056	1.49
23.2	1229.95	8.8	7.071	2.68
23.25	752.98	5.65	7.087	1.72
23.3	536.99	7.07	7.102	2.16
23.35	268.49	5.62	7.117	1.71
23.4	134.25	7.16	7.132	2.18
23.45	205.12	9.29	7.148	2.83
23.5	218.06	5.66	7.163	1.72
23.55	2293.03	6.53	7.178	1.99
23.6	1146.52	6.41	7.193	1.95
23.65	711.26	6.79	7.208	2.07
23.7	1555.13	5.25	7.224	1.6
23.75	1977.06	6.88	7.239	2.1
23.8	2924.53	6.64	7.254	2.03
23.85	1600.27	5.75	7.269	1.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	800.13	4.81	7.285	1.47
23.95	400.07	6.02	7.3	1.84
24	1399.53	2.88	7.315	0.88
24.05	699.77	5.6	7.33	1.71
24.1	532.88	3.42	7.346	1.04
24.15	266.44	4.98	7.361	1.52
24.2	133.22	4.3	7.376	1.31
24.25	66.61	5.42	7.391	1.65
24.3	33.31	4.36	7.407	1.33
24.35	1216.15	4.92	7.422	1.5
24.4	768.58	5.33	7.437	1.62
24.45	522.29	4.58	7.452	1.4
24.5	261.14	4.93	7.468	1.5
24.55	2314.57	5.88	7.483	1.79
24.6	1317.79	5.53	7.498	1.68
24.65	658.89	7.39	7.513	2.25
24.7	329.45	5.94	7.529	1.81
24.75	302.72	5.27	7.544	1.61
24.8	151.36	7.41	7.559	2.26
24.85	75.68	8.42	7.574	2.57
24.9	220.84	6.83	7.589	2.08
24.95	225.92	4.37	7.605	1.33
25	1312.46	7.33	7.62	2.23
25.05	794.23	5.16	7.635	1.57
25.1	535.11	6.79	7.65	2.07
25.15	405.56	6.65	7.666	2.03
25.2	340.78	9.38	7.681	2.86
25.25	1369.89	5.21	7.696	1.59
25.3	845.44	4.75	7.711	1.45
25.35	1622.22	4.97	7.727	1.52
25.4	811.11	5.52	7.742	1.68
25.45	543.56	4.2	7.757	1.28
25.5	2207.78	5.57	7.772	1.7
25.55	1286.89	6.02	7.788	1.84
25.6	781.44	5.69	7.803	1.74
25.65	390.72	5.21	7.818	1.59
25.7	195.36	7.29	7.833	2.22
25.75	235.68	5.88	7.849	1.79
25.8	278.34	5.4	7.864	1.64
25.85	299.67	5.79	7.879	1.76
25.9	332.84	5.24	7.894	1.6
25.95	304.42	5.23	7.91	1.59
26	152.21	6.19	7.925	1.89
26.05	76.1	7.29	7.94	2.22
26.1	38.05	6.16	7.955	1.88
26.15	179.53	7.71	7.97	2.35
26.2	89.76	6.16	7.986	1.88
26.25	44.88	4.87	8.001	1.49
26.3	182.94	7.09	8.016	2.16
26.35	1290.97	5.79	8.031	1.76
26.4	737.99	6.29	8.047	1.92
26.45	368.99	5.19	8.062	1.58
26.5	300	4.4	8.077	1.34
26.55	150	5.35	8.092	1.63
26.6	213	6.01	8.108	1.83
26.65	267	5.03	8.123	1.53
26.7	203	4.68	8.138	1.43
26.75	194	4.81	8.153	1.46
26.8	178	4.69	8.169	1.43
26.85	227	4.68	8.184	1.43
26.9	1313	5.01	8.199	1.53
26.95	749	5.36	8.214	1.63

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	490	6.28	8.23	1.91
27.05	337.5	5.61	8.245	1.71
27.1	176.75	5	8.26	1.53
27.15	293.88	4.81	8.275	1.47
27.2	262.44	5.97	8.291	1.82
27.25	336.72	6.54	8.306	1.99
27.3	283.86	4.14	8.321	1.26
27.35	234.43	6.7	8.336	2.04
27.4	255.21	5.55	8.351	1.69
27.45	220.11	5.06	8.367	1.54
27.5	110.05	4.4	8.382	1.34
27.55	215.53	5.09	8.397	1.55
27.6	107.76	2.83	8.412	0.86
27.65	1253.38	6.61	8.428	2.01
27.7	626.69	5.14	8.443	1.57
27.75	473.85	7.18	8.458	2.19
27.8	419.92	6.08	8.473	1.85
27.85	209.96	2.89	8.489	0.88
27.9	265.48	4.76	8.504	1.45
27.95	132.74	2.04	8.519	0.62
28	249.37	5.82	8.534	1.77
28.05	124.69	4.32	8.55	1.32
28.1	245.34	7.07	8.565	2.16
28.15	238.17	5.3	8.58	1.62
28.2	1318.59	6.93	8.595	2.11
28.25	659.29	4.56	8.611	1.39
28.3	445.15	8.58	8.626	2.62
28.35	338.07	4.39	8.641	1.34
28.4	329.54	8.33	8.656	2.54
28.45	280.27	6.54	8.672	1.99
28.5	255.63	8.87	8.687	2.7
28.55	127.82	6.52	8.702	1.99
28.6	1263.41	7.52	8.717	2.29
28.65	2567.7	6.22	8.732	1.9
28.7	1399.35	4.85	8.748	1.48
28.75	837.68	7.69	8.763	2.34
28.8	579.34	7.44	8.778	2.27
28.85	2225.67	6.17	8.793	1.88
28.9	1112.83	5.82	8.809	1.78
28.95	556.42	7.12	8.824	2.17
29	278.21	5.63	8.839	1.72
29.05	139.1	8.58	8.854	2.62
29.1	185.05	5.27	8.87	1.61
29.15	253.03	5.03	8.885	1.53
29.2	309.51	2.92	8.9	0.89
29.25	292.76	4.8	8.915	1.46
29.3	146.38	4.16	8.931	1.27
29.35	211.19	4.82	8.946	1.47
29.4	288.59	7.04	8.961	2.15
29.45	190.8	5.7	8.976	1.74
29.5	233.4	5.29	8.992	1.61
29.55	232.2	5.16	9.007	1.57
29.6	231.6	4.71	9.022	1.44
29.65	115.8	5.31	9.037	1.62
29.7	218.4	5.46	9.053	1.66
29.75	109.2	6.2	9.068	1.89
29.8	54.6	5.87	9.083	1.79
29.85	27.3	8.84	9.098	2.69
29.9	1949.65	6.47	9.113	1.97
29.95	974.83	5.77	9.129	1.76
30	1686.91	7.75	9.144	2.36
30.05	981.46	6.16	9.159	1.88

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	490.73	6.79	9.174	2.07
30.15	245.36	7.69	9.19	2.34
30.2	122.68	4.95	9.205	1.51
30.25	61.34	4.03	9.22	1.23
30.3	191.17	5.68	9.235	1.73
30.35	1295.09	4.64	9.251	1.42
30.4	647.54	4.53	9.266	1.38
30.45	323.77	5.49	9.281	1.67
30.5	299.89	5.38	9.296	1.64
30.55	1349.44	4.23	9.312	1.29
30.6	744.22	4.46	9.327	1.36
30.65	1571.61	4.73	9.342	1.44
30.7	878.31	4.25	9.357	1.29
30.75	531.65	4.68	9.373	1.43
30.8	403.83	5.17	9.388	1.57
30.85	201.91	5.09	9.403	1.55
30.9	100.96	5.48	9.418	1.67
30.95	188.48	4.79	9.434	1.46
31	1293.74	6.58	9.449	2.01
31.05	1846.37	4.8	9.464	1.46
31.1	1083.68	4.78	9.479	1.46
31.15	541.84	4.43	9.494	1.35
31.2	476.42	5.74	9.51	1.75
31.25	353.71	4.64	9.525	1.41
31.3	314.86	3.43	9.54	1.05
31.35	317.93	5.55	9.555	1.69
31.4	158.96	4.97	9.571	1.52
31.45	1278.98	4.64	9.586	1.41
31.5	777.49	4.2	9.601	1.28
31.55	549.25	3.4	9.616	1.04
31.6	435.12	4.38	9.632	1.33
31.65	217.56	3.73	9.647	1.14
31.7	108.78	4.08	9.662	1.24
31.75	54.39	4.26	9.677	1.3
31.8	142.7	4.18	9.693	1.27
31.85	71.35	3.5	9.708	1.07
31.9	35.67	4.67	9.723	1.42
31.95	1217.34	3.34	9.738	1.02
32	608.67	3.3	9.754	1.01
32.05	304.33	3.35	9.769	1.02
32.1	152.17	3.72	9.784	1.13
32.15	76.08	3.84	9.799	1.17
32.2	1974.04	2.79	9.814	0.85
32.25	2186.52	4.01	9.83	1.22
32.3	1231.26	4.44	9.845	1.35
32.35	776.13	3.93	9.86	1.2
32.4	446.07	3.95	9.875	1.2
32.45	292.53	3.17	9.891	0.97
32.5	261.77	4.27	9.906	1.3
32.55	313.88	3.49	9.921	1.06
32.6	203.44	4.07	9.936	1.24
32.65	156.22	6.37	9.952	1.94
32.7	147.61	8.17	9.967	2.49
32.75	112.81	6.72	9.982	2.05
32.8	118.4	8.1	9.997	2.47
32.85	94.2	6.7	10.013	2.04
32.9	93.6	4.39	10.028	1.34
32.95	127.8	3.34	10.043	1.02
33	125.9	4.31	10.058	1.31
33.05	101.95	1.98	10.074	0.6
33.1	143.48	4.38	10.089	1.33
33.15	209.74	4.36	10.104	1.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	157.37	4.16	10.119	1.27
33.25	171.18	4.98	10.135	1.52
33.3	178.09	6.38	10.15	1.94
33.35	128.05	5.16	10.165	1.57
33.4	202.02	6.05	10.18	1.84
33.45	170.51	4.85	10.195	1.48
33.5	177.76	6.62	10.211	2.02
33.55	271.88	5.04	10.226	1.54
33.6	273.94	5.21	10.241	1.59
33.65	136.97	7.38	10.256	2.25
33.7	183.98	6.01	10.272	1.83
33.75	91.99	8.44	10.287	2.57
33.8	46	4.41	10.302	1.34
33.85	23	6.09	10.317	1.85
33.9	217	6.3	10.333	1.92
33.95	189.5	6.52	10.348	1.99
34	1294.25	4.31	10.363	1.31
34.05	830.12	7.29	10.378	2.22
34.1	415.06	5.43	10.394	1.65
34.15	207.53	5.39	10.409	1.64
34.2	286.77	3.15	10.424	0.96
34.25	143.38	3.45	10.439	1.05
34.3	71.69	5.29	10.455	1.61
34.35	35.85	4.46	10.47	1.36
34.4	178.42	6.41	10.485	1.95
34.45	272.21	4.12	10.5	1.26
34.5	136.11	2.57	10.516	0.78
34.55	183.55	3.74	10.531	1.14
34.6	91.78	4.52	10.546	1.38
34.65	251.39	4.73	10.561	1.44
34.7	331.19	2.97	10.576	0.91
34.75	348.6	4.35	10.592	1.33
34.8	243.8	3.41	10.607	1.04
34.85	237.4	4.09	10.622	1.25
34.9	256.7	6.34	10.637	1.93
34.95	220.85	6.27	10.653	1.91
35	191.42	4.98	10.668	1.52
35.05	301.21	5.68	10.683	1.73
35.1	208.61	5.74	10.698	1.75
35.15	287.3	3.37	10.714	1.03
35.2	281.65	3.54	10.729	1.08
35.25	202.83	3.26	10.744	0.99
35.3	182.41	4.18	10.759	1.27
35.35	130.21	6.55	10.775	2
35.4	180.6	4.4	10.79	1.34
35.45	171.3	6.06	10.805	1.85
35.5	132.15	3.85	10.82	1.17
35.55	135.58	3.84	10.836	1.17
35.6	106.79	5.24	10.851	1.6
35.65	53.39	3.73	10.866	1.14
35.7	187.2	4.42	10.881	1.35
35.75	174.6	3.74	10.897	1.14
35.8	164.8	4.58	10.912	1.4
35.85	163.4	4.78	10.927	1.46
35.9	134.2	5.63	10.942	1.72
35.95	90.6	4.62	10.957	1.41
36	99.8	7.56	10.973	2.31
36.05	142.4	4.7	10.988	1.43
36.1	125.7	4.52	11.003	1.38
36.15	86.35	5.43	11.018	1.66
36.2	124.17	4.01	11.034	1.22
36.25	103.09	4.98	11.049	1.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	106.04	5.84	11.064	1.78
36.35	76.52	4.69	11.079	1.43
36.4	79.26	5.66	11.095	1.73
36.45	68.63	5.09	11.11	1.55
36.5	71.82	4.67	11.125	1.42
36.55	59.41	4.81	11.14	1.46
36.6	57.2	4.88	11.156	1.49
36.65	56.6	6.54	11.171	1.99
36.7	51.8	4.83	11.186	1.47
36.75	49.4	3.6	11.201	1.1
36.8	42.2	4.78	11.217	1.46
36.85	33.1	4.92	11.232	1.5
36.9	40.05	4.11	11.247	1.25
36.95	55.03	5.3	11.262	1.62
37	47.51	4.97	11.278	1.51
37.05	40.76	7.07	11.293	2.16
37.1	37.88	5.7	11.308	1.74
37.15	53.94	4.94	11.323	1.51
37.2	64.47	3.86	11.338	1.18
37.25	73.23	5.41	11.354	1.65
37.3	69.12	4.63	11.369	1.41
37.35	72.06	3.51	11.384	1.07
37.4	63.53	6.8	11.399	2.07
37.45	58.26	5.16	11.415	1.57
37.5	57.13	6.98	11.43	2.13
37.55	42.07	3.95	11.445	1.2
37.6	44.53	5.44	11.46	1.66
37.65	50.27	4.75	11.476	1.45
37.7	54.13	5.91	11.491	1.8
37.75	56.07	7.23	11.506	2.2
37.8	65.53	9.08	11.521	2.77
37.85	90.77	6.71	11.537	2.04
37.9	71.88	5.09	11.552	1.55
37.95	56.44	4.08	11.567	1.24
38	120.72	4.64	11.582	1.41
38.05	152.86	4.61	11.598	1.41
38.1	145.93	5.25	11.613	1.6
38.15	233.47	3.57	11.628	1.09
38.2	197.73	4.86	11.643	1.48
38.25	156.87	3.87	11.659	1.18
38.3	216.43	6.72	11.674	2.05
38.35	177.72	4.13	11.689	1.26
38.4	181.36	4.63	11.704	1.41
38.45	148.68	3.88	11.719	1.18
38.5	212.34	5.64	11.735	1.72
38.55	164.17	4.69	11.75	1.43
38.6	140.08	5.4	11.765	1.65
38.65	151.04	5.08	11.78	1.55
38.7	122.02	7.9	11.796	2.41
38.75	107.51	5.01	11.811	1.53
38.8	100.26	5.97	11.826	1.82
38.85	96.63	6.58	11.841	2.01
38.9	140.81	8.87	11.857	2.7
38.95	139.91	6.21	11.872	1.89
39	116.45	3.45	11.887	1.05
39.05	127.73	6.38	11.902	1.94
39.1	224.36	6.87	11.918	2.1
39.15	272.68	5.97	11.933	1.82
39.2	319.34	4.84	11.948	1.48
39.25	297.67	5.25	11.963	1.6
39.3	331.84	2.87	11.979	0.88
39.35	326.42	3.96	11.994	1.21

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	163.21	3.45	12.009	1.05
39.45	242.1	4.38	12.024	1.34
39.5	121.05	4.18	12.04	1.27
39.55	60.53	4.75	12.055	1.45
39.6	213.26	4.28	12.07	1.3
39.65	222.13	5.46	12.085	1.66
39.7	111.07	4.04	12.1	1.23
39.75	216.03	6.93	12.116	2.11
39.8	2292.02	4.46	12.131	1.36
39.85	1284.01	7.41	12.146	2.26
39.9	642	4.97	12.161	1.51
39.95	321	7.84	12.177	2.39
40	160.5	4.83	12.192	1.47
40.05	80.25	5.11	12.207	1.56
40.1	40.13	5.21	12.222	1.59
40.15	158.06	4.4	12.238	1.34
40.2	328.53	4.77	12.253	1.45
40.25	164.27	3.92	12.268	1.2
40.3	174.63	3.96	12.283	1.21
40.35	202.82	6.11	12.299	1.86
40.4	239.41	4.02	12.314	1.23
40.45	325.2	3.97	12.329	1.21
40.5	323.1	4.64	12.344	1.41
40.55	344.55	3.32	12.36	1.01
40.6	310.28	4.05	12.375	1.24
40.65	236.14	4.02	12.39	1.23
40.7	187.57	4.7	12.405	1.43
40.75	93.78	3.97	12.42	1.21
40.8	207.39	4.91	12.436	1.5
40.85	103.7	4.69	12.451	1.43
40.9	167.35	5.88	12.466	1.79
40.95	1283.17	4.5	12.481	1.37
41	802.09	4.84	12.497	1.47
41.05	401.04	4.65	12.512	1.42
41.1	383.52	5.16	12.527	1.57
41.15	307.26	4.71	12.542	1.44
41.2	314.13	5.76	12.558	1.76
41.25	157.07	4.87	12.573	1.48
41.3	78.53	7.45	12.588	2.27
41.35	39.27	4.2	12.603	1.28
41.4	19.63	3.93	12.619	1.2
41.45	1209.32	5.11	12.634	1.56
41.5	604.66	5.75	12.649	1.75
41.55	302.33	4.31	12.664	1.31
41.6	151.16	6.54	12.68	1.99
41.65	75.58	7.11	12.695	2.17
41.7	37.79	4.99	12.71	1.52
41.75	18.9	3.99	12.725	1.22
41.8	9.45	4.57	12.741	1.39
41.85	1204.22	4.5	12.756	1.37
41.9	602.11	5.86	12.771	1.79
41.95	301.06	5.42	12.786	1.65
42	150.53	4.22	12.801	1.29
42.05	190.76	4.84	12.817	1.48
42.1	95.38	3.35	12.832	1.02
42.15	185.69	4.73	12.847	1.44
42.2	162.35	3.23	12.862	0.98
42.25	81.17	3.86	12.878	1.18
42.3	1240.09	4.52	12.893	1.38
42.35	803.04	5.76	12.908	1.76
42.4	401.52	4.4	12.923	1.34
42.45	1400.26	4.69	12.939	1.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	1899.63	5.04	12.954	1.54
42.55	1110.32	3.33	12.969	1.01
42.6	715.66	10.57	12.984	3.22
42.65	540.83	5.56	13	1.7
42.7	497.91	5.12	13.015	1.56
42.75	409.46	4.36	13.03	1.33
42.8	365.23	6.81	13.045	2.08
42.85	182.61	5.07	13.061	1.55
42.9	229.31	5.81	13.076	1.77
42.95	1314.15	3.25	13.091	0.99
43	795.08	5.5	13.106	1.68
43.05	558.04	4.22	13.122	1.29
43.1	394.52	4.68	13.137	1.43
43.15	197.26	2.25	13.152	0.69
43.2	98.63	3.42	13.167	1.04
43.25	164.81	3.84	13.182	1.17
43.3	220.41	4.42	13.198	1.35
43.35	248.2	3.68	13.213	1.12
43.4	124.1	3.79	13.228	1.16
43.45	200.05	4.12	13.243	1.26
43.5	169.53	9.16	13.259	2.79
43.55	200.26	4.39	13.274	1.34
43.6	181.13	4.18	13.289	1.28
43.65	273.57	4.57	13.304	1.39
43.7	274.78	7.55	13.32	2.3
43.75	137.39	5.19	13.335	1.58
43.8	229.2	5.63	13.35	1.72
43.85	252.6	6.13	13.365	1.87
43.9	241.8	7.11	13.381	2.17
43.95	303.9	6	13.396	1.83
44	334.95	7.38	13.411	2.25
44.05	259.97	6.06	13.426	1.85
44.1	199.49	3.27	13.442	1
44.15	237.74	5.2	13.457	1.59
44.2	279.37	4.75	13.472	1.45
44.25	1339.19	4.68	13.487	1.43
44.3	830.09	3.69	13.503	1.12
44.35	415.05	3.26	13.518	1
44.4	207.52	4.99	13.533	1.52
44.45	2039.76	3.71	13.548	1.13
44.5	1019.88	4.04	13.563	1.23
44.55	692.94	3.74	13.579	1.14
44.6	346.47	4.03	13.594	1.23
44.65	173.24	4.59	13.609	1.4
44.7	86.62	4.85	13.624	1.48
44.75	43.31	3.76	13.64	1.15
44.8	21.65	4.66	13.655	1.42
44.85	10.83	5.23	13.67	1.59
44.9	5.41	4.58	13.685	1.4
44.95	2.71	5.09	13.701	1.55
45	116.85	5.55	13.716	1.69
45.05	1257.93	4.99	13.731	1.52
45.1	628.96	4.92	13.746	1.5
45.15	497.48	5.53	13.762	1.69
45.2	431.74	6.18	13.777	1.88
45.25	215.87	4.71	13.792	1.43
45.3	107.94	6.7	13.807	2.04
45.35	214.47	6.42	13.823	1.96
45.4	107.23	4.65	13.838	1.42
45.45	53.62	4.82	13.853	1.47
45.5	26.81	3.61	13.868	1.1
45.55	13.4	3.24	13.884	0.99

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	76.2	4.19	13.899	1.28
45.65	38.1	3.05	13.914	0.93
45.7	19.05	3.77	13.929	1.15
45.75	9.53	3.51	13.944	1.07
45.8	4.76	3.76	13.96	1.14
45.85	117.88	3.77	13.975	1.15
45.9	58.94	4.94	13.99	1.51
45.95	29.47	4.54	14.005	1.38
46	14.74	3.96	14.021	1.21
46.05	7.37	3.16	14.036	0.96
46.1	3.68	3.74	14.051	1.14
46.15	1.84	4.14	14.066	1.26
46.2	0.92	6.09	14.082	1.86
46.25	0.46	4.01	14.097	1.22
46.3	160.73	5.93	14.112	1.81
46.35	80.37	3.86	14.127	1.18
46.4	1239.68	5.94	14.143	1.81
46.45	619.84	5.25	14.158	1.6
46.5	537.42	4.63	14.173	1.41
46.55	268.71	4.64	14.188	1.41
46.6	2318.36	3.95	14.204	1.2
46.65	1159.18	4.17	14.219	1.27
46.7	579.59	4.04	14.234	1.23
46.75	289.79	4.07	14.249	1.24
46.8	144.9	4.34	14.265	1.32
46.85	210.45	5.65	14.28	1.72
46.9	105.22	5.56	14.295	1.69
46.95	52.61	4.67	14.31	1.42
47	26.31	3.76	14.325	1.15
47.05	13.15	3.87	14.341	1.18
47.1	6.58	4.72	14.356	1.44
47.15	3.29	3.83	14.371	1.17
47.2	1.64	4.04	14.386	1.23
47.25	0.82	2.97	14.402	0.91
47.3	0.41	3.89	14.417	1.18
47.35	0.21	4.36	14.432	1.33
47.4	0.1	4.44	14.447	1.35
47.45	0.05	4.18	14.463	1.27
47.5	0.03	3.53	14.478	1.08
47.55	0.01	3.06	14.493	0.93
47.6	183.01	7.55	14.508	2.3
47.65	91.5	10.18	14.524	3.1
47.7	45.75	7.78	14.539	2.37
47.75	22.88	4.99	14.554	1.52
47.8	194.44	5.5	14.569	1.68
47.85	97.22	4.47	14.585	1.36
47.9	48.61	5.05	14.6	1.54
47.95	24.3	3.14	14.615	0.96
48	150.15	3.55	14.63	1.08
48.05	1274.58	2.25	14.646	0.69
48.1	637.29	4.96	14.661	1.51
48.15	1518.14	2.31	14.676	0.7
48.2	942.07	3.37	14.691	1.03
48.25	471.04	3.25	14.706	0.99
48.3	235.52	3.68	14.722	1.12
48.35	117.76	2.7	14.737	0.82
48.4	58.88	3.1	14.752	0.94
48.45	29.44	3.65	14.767	1.11
48.5	14.72	4.64	14.783	1.41
48.55	7.36	3.02	14.798	0.92
48.6	186.68	2.97	14.813	0.9
48.65	93.34	3.68	14.828	1.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	46.67	5.11	14.844	1.56
48.75	23.33	5.31	14.859	1.62
48.8	194.67	4.27	14.874	1.3
48.85	97.33	6.12	14.889	1.86
48.9	48.67	5.76	14.905	1.76
48.95	24.33	5.36	14.92	1.63
49	12.17	3.27	14.935	1
49.05	6.08	6.25	14.95	1.9
49.1	3.04	5.46	14.966	1.66
49.15	1.52	5.97	14.981	1.82
49.2	0.76	4.81	14.996	1.47
49.25	0.38	7.42	15.011	2.26
49.3	0.19	2.58	15.026	0.79
49.35	0.1	3.74	15.042	1.14
49.4	0.05	3.16	15.057	0.96
49.45	0.02	4.53	15.072	1.38
49.5	0.01	2.24	15.087	0.68
49.55	0.01	4.09	15.103	1.25
49.6	1199.5	2.65	15.118	0.81
49.65	1799.25	3.11	15.133	0.95
49.7	899.63	3.1	15.148	0.94
49.75	1649.31	3.32	15.164	1.01
49.8	824.66	2.99	15.179	0.91
49.85	412.33	3.09	15.194	0.94
49.9	206.16	3.22	15.209	0.98
49.95	103.08	3.25	15.225	0.99
50	167.04	3.14	15.24	0.96
50.05	83.52	3.95	15.255	1.2
50.1	1241.26	5.02	15.27	1.53
50.15	620.63	4.14	15.286	1.26
50.2	310.32	4.74	15.301	1.45
50.25	155.16	4.19	15.316	1.28
50.3	77.58	2.78	15.331	0.85
50.35	38.79	5.67	15.347	1.73
50.4	1218.89	2.75	15.362	0.84
50.45	609.45	4.77	15.377	1.45
50.5	304.72	3.64	15.392	1.11
50.55	152.36	3.18	15.407	0.97
50.6	76.18	3.27	15.423	1
50.65	38.09	1.78	15.438	0.54
50.7	19.05	4.01	15.453	1.22
50.75	1209.02	3.15	15.468	0.96
50.8	604.51	2.36	15.484	0.72
50.85	302.26	2.55	15.499	0.78
50.9	151.13	3.21	15.514	0.98
50.95	258.56	2.47	15.529	0.75
51	267.28	3.01	15.545	0.92
51.05	133.64	2.31	15.56	0.7
51.1	66.82	3.36	15.575	1.02
51.15	33.41	3.73	15.59	1.14
51.2	16.71	2.98	15.606	0.91
51.25	8.35	3.08	15.621	0.94
51.3	1203.68	5.4	15.636	1.65
51.35	1801.34	3.7	15.651	1.13
51.4	900.67	4.4	15.667	1.34
51.45	450.33	3.51	15.682	1.07
51.5	363.17	2.57	15.697	0.78
51.55	181.58	3.14	15.712	0.96
51.6	90.79	4.32	15.728	1.32
51.65	45.4	2.79	15.743	0.85
51.7	22.7	3.19	15.758	0.97
51.75	11.35	3.97	15.773	1.21

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	5.67	3.67	15.788	1.12
51.85	1938.84	6.5	15.804	1.98
51.9	969.42	2.34	15.819	0.71
51.95	484.71	2.96	15.834	0.9
52	242.35	4.17	15.849	1.27
52.05	121.18	3.94	15.865	1.2
52.1	60.59	4.71	15.88	1.43
52.15	30.29	4.12	15.895	1.26
52.2	153.15	3.44	15.91	1.05
52.25	76.57	4.22	15.926	1.29
52.3	38.29	4.88	15.941	1.49
52.35	19.14	3.73	15.956	1.14
52.4	9.57	3.87	15.971	1.18
52.45	4.79	5.42	15.987	1.65
52.5	2.39	2.12	16.002	0.65
52.55	1.2	5.57	16.017	1.7
52.6	0.6	3.44	16.032	1.05
52.65	0.3	4.92	16.048	1.5
52.7	0.15	4.49	16.063	1.37
52.75	0.07	3.42	16.078	1.04
52.8	0.04	5.24	16.093	1.6
52.85	0.02	4.67	16.109	1.42
52.9	0.01	4.59	16.124	1.4
52.95	0	6.77	16.139	2.06
53	1936	5.84	16.154	1.78
53.05	968	3.08	16.169	0.94
53.1	484	6.93	16.185	2.11
53.15	2178	3.49	16.2	1.06
53.2	1089	6.5	16.215	1.98
53.25	1744	2.8	16.23	0.85
53.3	964.5	3.14	16.246	0.96
53.35	482.25	3.43	16.261	1.05
53.4	241.12	3.62	16.276	1.1
53.45	281.06	2.94	16.291	0.9
53.5	140.53	3.22	16.307	0.98
53.55	1269.77	3.36	16.322	1.02
53.6	634.88	3.39	16.337	1.03
53.65	317.44	3.22	16.352	0.98
53.7	158.72	3.58	16.368	1.09
53.75	79.36	3.05	16.383	0.93
53.8	39.68	3.31	16.398	1.01
53.85	19.84	3.4	16.413	1.04
53.9	9.92	3.74	16.429	1.14
53.95	165.46	3.7	16.444	1.13
54	82.73	6.21	16.459	1.89
54.05	1240.86	4.27	16.474	1.3
54.1	620.43	6.93	16.49	2.11
54.15	310.22	4.35	16.505	1.33
54.2	155.11	3.03	16.52	0.92
54.25	77.55	5.92	16.535	1.8
54.3	38.78	4.26	16.55	1.3
54.35	157.39	3.96	16.566	1.21
54.4	78.69	5.37	16.581	1.64
54.45	39.35	3.39	16.596	1.03
54.5	19.67	3.04	16.611	0.93
54.55	9.84	4.45	16.627	1.36
54.6	1204.42	2.27	16.642	0.69
54.65	1801.71	3.3	16.657	1.01
54.7	1038.85	2.7	16.672	0.82
54.75	519.43	3.32	16.688	1.01
54.8	259.71	2.84	16.703	0.86
54.85	129.86	3.96	16.718	1.21

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	64.93	2.95	16.733	0.9
54.95	32.46	3.66	16.749	1.12
55	16.23	3.05	16.764	0.93
55.05	191.12	3.32	16.779	1.01
55.1	2031.56	2.65	16.794	0.81
55.15	1198.78	2.8	16.81	0.85
55.2	599.39	3.34	16.825	1.02
55.25	299.69	4.45	16.84	1.36
55.3	149.85	3.23	16.855	0.98
55.35	235.42	3.99	16.871	1.22
55.4	117.71	5.13	16.886	1.56
55.45	139.86	5.21	16.901	1.59
55.5	69.93	3.68	16.916	1.12
55.55	34.96	4.61	16.931	1.4
55.6	109.98	3.94	16.947	1.2
55.65	54.99	2.93	16.962	0.89
55.7	210.5	3.49	16.977	1.06
55.75	243.25	4.89	16.992	1.49
55.8	237.12	2.5	17.008	0.76
55.85	118.56	3.09	17.023	0.94
55.9	59.28	2.44	17.038	0.74
55.95	235.14	2.26	17.053	0.69
56	1317.07	2.8	17.069	0.85
56.05	864.04	2.09	17.084	0.64
56.1	570.02	2.38	17.099	0.72
56.15	423.01	2.77	17.114	0.85
56.2	211.5	3.19	17.13	0.97
56.25	1305.25	3.29	17.145	1
56.3	652.63	3.26	17.16	0.99
56.35	1525.81	2.77	17.175	0.84
56.4	900.91	2.53	17.191	0.77
56.45	450.45	3.32	17.206	1.01
56.5	317.73	3.3	17.221	1.01
56.55	158.86	2.53	17.236	0.77
56.6	239.93	2.39	17.252	0.73
56.65	119.97	2.83	17.267	0.86
56.7	242.98	2.72	17.282	0.83
56.75	121.49	3	17.297	0.91
56.8	60.75	3.44	17.312	1.05
56.85	190.87	3.08	17.328	0.94
56.9	233.44	3.09	17.343	0.94
56.95	299.72	4.25	17.358	1.3
57	310.36	3.01	17.373	0.92
57.05	360.68	2.91	17.389	0.89
57.1	180.34	4.14	17.404	1.26
57.15	90.17	4.24	17.419	1.29
57.2	45.08	2.7	17.434	0.82
57.25	183.04	2.69	17.45	0.82
57.3	91.52	4.04	17.465	1.23
57.35	45.76	3.55	17.48	1.08
57.4	1222.38	3.69	17.495	1.12
57.45	611.19	5.07	17.511	1.54
57.5	305.6	3.04	17.526	0.93
57.55	152.8	4.44	17.541	1.35
57.6	259.4	2.68	17.556	0.82
57.65	267.7	5.81	17.572	1.77
57.7	361.35	4.95	17.587	1.51
57.75	363.67	3.61	17.602	1.1
57.8	181.84	7.49	17.617	2.28
57.85	90.92	3.65	17.632	1.11
57.9	45.46	5.09	17.648	1.55
57.95	22.73	3.29	17.663	1

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	11.36	5.26	17.678	1.6
58.05	5.68	3.47	17.693	1.06
58.1	2.84	3.51	17.709	1.07
58.15	1200.92	5.21	17.724	1.59
58.2	738.46	6.38	17.739	1.94
58.25	369.23	3.92	17.754	1.19
58.3	184.62	3.69	17.77	1.13
58.35	92.31	5.43	17.785	1.66
58.4	46.15	3.1	17.8	0.94
58.45	23.08	1.81	17.815	0.55
58.5	11.54	4.48	17.831	1.37
58.55	5.77	3.93	17.846	1.2
58.6	208.38	3.17	17.861	0.97
58.65	104.19	2.47	17.876	0.75
58.7	52.1	3.45	17.892	1.05
58.75	164.05	3.38	17.907	1.03
58.8	220.02	4.1	17.922	1.25
58.85	110.01	3	17.937	0.91
58.9	260.51	3.18	17.953	0.97
58.95	1329.75	3.33	17.968	1.01
59	664.88	5.21	17.983	1.59
59.05	332.44	4.3	17.998	1.31
59.1	166.22	4.9	18.013	1.49
59.15	83.11	3.21	18.029	0.98
59.2	224.55	2.77	18.044	0.84
59.25	112.28	3.89	18.059	1.18
59.3	194.14	2.72	18.074	0.83
59.35	280.07	4.13	18.09	1.26
59.4	221.03	3.33	18.105	1.01
59.45	271.02	3.14	18.12	0.96
59.5	197.51	1.98	18.135	0.6
59.55	168.25	4.11	18.151	1.25
59.6	244.63	2.25	18.166	0.68
59.65	145.81	1.88	18.181	0.57
59.7	100.91	1.7	18.196	0.52
59.75	82.95	2.28	18.212	0.69
59.8	82.48	2.15	18.227	0.65
59.85	80.24	2.59	18.242	0.79
59.9	86.62	1.94	18.257	0.59
59.95	70.81	3.41	18.273	1.04
60	58.9	2.79	18.288	0.85
60.05	47.95	3.55	18.303	1.08
60.1	41.48	2.08	18.318	0.63
60.15	44.24	2.21	18.334	0.67
60.2	34.12	2.65	18.349	0.81
60.25	32.56	2.38	18.364	0.72
60.3	31.28	3.3	18.379	1
60.35	27.64	4.31	18.394	1.31
60.4	23.82	3.58	18.41	1.09
60.45	26.41	2.59	18.425	0.79
60.5	27.2	3.93	18.44	1.2
60.55	43.6	3.57	18.455	1.09
60.6	40.8	3.92	18.471	1.2
60.65	32.4	3.16	18.486	0.96
60.7	47.2	4.69	18.501	1.43
60.75	52.6	4.13	18.516	1.26
60.8	54.3	2.68	18.532	0.82
60.85	56.15	3.08	18.547	0.94
60.9	80.58	2.16	18.562	0.66
60.95	102.29	2.51	18.577	0.77
61	92.14	2.12	18.593	0.64
61.05	131.07	2.42	18.608	0.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	89.04	2.48	18.623	0.75
61.15	79.52	1.9	18.638	0.58
61.2	77.26	2.12	18.654	0.65
61.25	85.13	2.52	18.669	0.77
61.3	77.56	2.27	18.684	0.69
61.35	100.78	2.24	18.699	0.68
61.4	85.39	3.02	18.715	0.92
61.45	83.7	3.23	18.73	0.98
61.5	76.85	4.11	18.745	1.25
61.55	61.92	2.75	18.76	0.84
61.6	45.96	2.86	18.775	0.87
61.65	34.98	3.14	18.791	0.96
61.7	25.49	2.54	18.806	0.77
61.75	22.75	3.37	18.821	1.03
61.8	16.87	3.21	18.836	0.98
61.85	13.44	3.93	18.852	1.2
61.9	13.72	3.13	18.867	0.95
61.95	13.86	3.5	18.882	1.07
62	19.93	3.15	18.897	0.96
62.05	21.96	3.13	18.913	0.95
62.1	36.98	2.85	18.928	0.87
62.15	38.99	2.57	18.943	0.78
62.2	39.5	2.8	18.958	0.85
62.25	89.25	3.83	18.974	1.17
62.3	148.62	2.75	18.989	0.84
62.35	128.81	3.05	19.004	0.93
62.4	224.91	2.68	19.019	0.82
62.45	272.95	3.02	19.035	0.92
62.5	385.98	3.25	19.05	0.99
62.55	353.49	4.18	19.065	1.28
62.6	238.74	1.82	19.08	0.55
62.65	177.37	4.17	19.096	1.27
62.7	169.69	4.29	19.111	1.31
62.75	146.84	2.25	19.126	0.69
62.8	256.42	1.93	19.141	0.59
62.85	232.21	4.45	19.156	1.36
62.9	197.11	2.27	19.172	0.69
62.95	304.05	3.16	19.187	0.96
63	233.03	2.54	19.202	0.77
63.05	197.51	3.18	19.217	0.97
63.1	179.76	1.8	19.233	0.55
63.15	272.88	2.74	19.248	0.83
63.2	228.94	3.35	19.263	1.02
63.25	218.47	2.95	19.278	0.9
63.3	163.73	4.59	19.294	1.4
63.35	109.87	2.42	19.309	0.74
63.4	72.43	3.21	19.324	0.98
63.45	51.22	3.71	19.339	1.13
63.5	44.11	3.83	19.355	1.17
63.55	38.55	3.27	19.37	1
63.6	28.78	3.96	19.385	1.21
63.65	22.89	3.6	19.4	1.1
63.7	18.94	2.67	19.416	0.81
63.75	15.47	2.88	19.431	0.88
63.8	13.74	2.37	19.446	0.72
63.85	13.87	2.39	19.461	0.73
63.9	10.93	2.25	19.477	0.69
63.95	9.47	1.41	19.492	0.43
64	11.23	2.17	19.507	0.66
64.05	12.62	1.3	19.522	0.4
64.1	11.31	1.94	19.537	0.59
64.15	11.15	1.39	19.553	0.42

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	9.08	1.65	19.568	0.5
64.25	8.54	1.6	19.583	0.49
64.3	8.77	2.72	19.598	0.83
64.35	9.88	1.07	19.614	0.33
64.4	9.44	1.18	19.629	0.36
64.45	8.72	2.61	19.644	0.8
64.5	7.86	1.59	19.659	0.49
64.55	6.43	2.02	19.675	0.62
64.6	6.72	3.4	19.69	1.04
64.65	7.36	2.89	19.705	0.88
64.7	7.68	4.08	19.72	1.25
64.75	8.34	2.19	19.736	0.67
64.8	7.67	3.28	19.751	1
64.85	8.33	2.65	19.766	0.81
64.9	9.17	3.55	19.781	1.08
64.95	8.58	3.13	19.797	0.95
65	8.79	2.56	19.812	0.78
65.05	6.4	3.29	19.827	1
65.1	8.2	3.81	19.842	1.16
65.15	10.1	1.91	19.858	0.58
65.2	11.55	1.56	19.873	0.47
65.25	8.77	1.25	19.888	0.38
65.3	7.39	1.31	19.903	0.4
65.35	8.69	1.77	19.918	0.54
65.4	7.35	1.28	19.934	0.39
65.45	7.17	1.29	19.949	0.39
65.5	8.59	1.74	19.964	0.53
65.55	8.79	1.24	19.979	0.38
65.6	9.4	1.39	19.995	0.42
65.65	9.7	2.8	20.01	0.85
65.7	7.85	1.34	20.025	0.41
65.75	9.42	1.92	20.04	0.58
65.8	8.21	1.53	20.056	0.47
65.85	8.61	2.68	20.071	0.82
65.9	7.3	2.56	20.086	0.78
65.95	11.15	3.37	20.101	1.03
66	8.58	1.39	20.117	0.42
66.05	10.29	1.57	20.132	0.48
66.1	9.14	1.62	20.147	0.49
66.15	7.57	1.25	20.162	0.38
66.2	6.79	1.6	20.178	0.49
66.25	7.39	1.37	20.193	0.42
66.3	7.2	2.11	20.208	0.64
66.35	7.1	1.8	20.223	0.55
66.4	7.05	1.23	20.239	0.37
66.45	8.52	0.96	20.254	0.29
66.5	8.76	1.54	20.269	0.47
66.55	7.88	1.42	20.284	0.43
66.6	7.94	1.65	20.3	0.5
66.65	5.97	0.99	20.315	0.3
66.7	5.99	1.4	20.33	0.43
66.75	5.49	1.7	20.345	0.52
66.8	7.75	2.33	20.36	0.71
66.85	6.37	1.35	20.376	0.41
66.9	6.69	2.76	20.391	0.84
66.95	6.34	1.9	20.406	0.58
67	6.67	2.84	20.421	0.86
67.05	6.84	1.89	20.437	0.58
67.1	6.92	2.53	20.452	0.77
67.15	6.46	2.63	20.467	0.8
67.2	6.23	1.9	20.482	0.58
67.25	6.61	3.08	20.498	0.94

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	6.31	3.02	20.513	0.92
67.35	6.65	2.05	20.528	0.62
67.4	6.83	2.2	20.543	0.67
67.45	7.91	4.66	20.559	1.42
67.5	7.46	4.38	20.574	1.33
67.55	7.23	3.16	20.589	0.96
67.6	6.61	1.47	20.604	0.45
67.65	5.81	3.11	20.62	0.95
67.7	6.9	2.67	20.635	0.82
67.75	5.95	2.35	20.65	0.72
67.8	6.98	0.64	20.665	0.2
67.85	6.49	3.07	20.681	0.94
67.9	6.24	1.29	20.696	0.39
67.95	5.62	3.33	20.711	1.02
68	6.31	1.45	20.726	0.44
68.05	5.16	4.64	20.742	1.41
68.1	5.58	1.94	20.757	0.59
68.15	5.29	3.45	20.772	1.05
68.2	4.64	1.35	20.787	0.41
68.25	5.32	3.51	20.802	1.07
68.3	4.66	2.96	20.818	0.9
68.35	4.83	3.63	20.833	1.11
68.4	3.92	2.68	20.848	0.82
68.45	4.96	2.6	20.863	0.79
68.5	5.98	2.54	20.879	0.78
68.55	5.99	2.28	20.894	0.69
68.6	5.49	4.69	20.909	1.43
68.65	5.25	1.99	20.924	0.61
68.7	5.62	2.76	20.94	0.84
68.75	4.81	1.99	20.955	0.61
68.8	4.41	4.09	20.97	1.25
68.85	4.2	1.41	20.985	0.43
68.9	3.6	2.94	21.001	0.9
68.95	3.8	2.3	21.016	0.7
69	4.4	2.83	21.031	0.86
69.05	3.7	0.89	21.046	0.27
69.1	3.35	2.67	21.062	0.81
69.15	2.68	1.51	21.077	0.46
69.2	3.34	2.52	21.092	0.77
69.25	3.67	1.93	21.107	0.59
69.3	3.83	2.16	21.123	0.66
69.35	4.42	1.59	21.138	0.48
69.4	4.21	1.4	21.153	0.43
69.45	4.6	1.78	21.168	0.54
69.5	3.3	3.18	21.183	0.97
69.55	3.65	2.86	21.199	0.87
69.6	3.83	2.82	21.214	0.86
69.65	3.41	2.57	21.229	0.78
69.7	3.21	4.14	21.244	1.26
69.75	4.6	2.15	21.26	0.65
69.8	4.8	3.91	21.275	1.19
69.85	5.9	2.15	21.29	0.66
69.9	5.95	1.81	21.305	0.55
69.95	5.98	2.64	21.321	0.8
70	6.49	3.6	21.336	1.1
70.05	6.24	3.57	21.351	1.09
70.1	8.12	2.97	21.366	0.91
70.15	9.06	1.82	21.382	0.56
70.2	8.53	2.19	21.397	0.67
70.25	7.77	1.91	21.412	0.58
70.3	7.38	1.36	21.427	0.42
70.35	8.69	2.31	21.443	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	8.35	2.1	21.458	0.64
70.45	9.17	2.73	21.473	0.83
70.5	8.59	2.61	21.488	0.8
70.55	9.79	2.84	21.504	0.86
70.6	8.9	2.22	21.519	0.68
70.65	7.95	2.4	21.534	0.73
70.7	8.47	1.87	21.549	0.57
70.75	8.74	2.77	21.565	0.84
70.8	8.37	2.68	21.58	0.82
70.85	7.18	2.36	21.595	0.72
70.9	7.09	2	21.61	0.61
70.95	8.05	3.46	21.625	1.05
71	8.02	3.19	21.641	0.97
71.05	7.51	2.78	21.656	0.85
71.1	7.76	2.61	21.671	0.8
71.15	7.88	4.01	21.686	1.22
71.2	7.94	2.45	21.702	0.75
71.25	7.47	2.09	21.717	0.64
71.3	7.73	2.57	21.732	0.78
71.35	9.87	2.45	21.747	0.75
71.4	9.43	2.63	21.763	0.8
71.45	8.72	1.79	21.778	0.55
71.5	8.86	2.71	21.793	0.83
71.55	9.43	2.06	21.808	0.63
71.6	9.21	1.63	21.824	0.5
71.65	8.11	1.82	21.839	0.56
71.7	6.55	2.42	21.854	0.74
71.75	5.78	1.59	21.869	0.49
71.8	6.89	2.47	21.885	0.75
71.85	4.94	2.36	21.9	0.72
71.9	5.97	2.18	21.915	0.67
71.95	6.49	2.27	21.93	0.69
72	7.24	1.75	21.946	0.53
72.05	7.62	1.47	21.961	0.45
72.1	7.31	2.06	21.976	0.63
72.15	7.66	2.31	21.991	0.71
72.2	8.83	2.95	22.007	0.9
72.25	9.91	2.59	22.022	0.79
72.3	8.96	1.85	22.037	0.56
72.35	8.98	1.48	22.052	0.45
72.4	10.49	1.43	22.067	0.44
72.45	10.74	1.39	22.083	0.42
72.5	10.87	4.44	22.098	1.35
72.55	9.94	2.5	22.113	0.76
72.6	11.97	3.23	22.128	0.98
72.65	9.98	2.79	22.144	0.85
72.7	9.49	3.17	22.159	0.97
72.75	8.75	4.96	22.174	1.51
72.8	8.37	1.9	22.189	0.58
72.85	7.19	2.57	22.205	0.78
72.9	7.59	4.15	22.22	1.26
72.95	7.8	4.1	22.235	1.25
73	6.9	4.53	22.25	1.38
73.05	6.95	5.51	22.266	1.68
73.1	5.97	2.26	22.281	0.69
73.15	5.99	4	22.296	1.22
73.2	6.49	1.62	22.311	0.49
73.25	5.25	2.55	22.327	0.78
73.3	6.12	2.46	22.342	0.75
73.35	5.56	3.06	22.357	0.93
73.4	5.28	0.96	22.372	0.29
73.45	6.14	2.14	22.388	0.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	5.57	1.65	22.403	0.5
73.55	5.79	1.49	22.418	0.45
73.6	5.39	1.23	22.433	0.37
73.65	6.7	2.73	22.448	0.83
73.7	6.85	1.69	22.464	0.51
73.75	6.92	2.81	22.479	0.86
73.8	6.96	1.9	22.494	0.58
73.85	6.48	2.82	22.509	0.86
73.9	5.24	2.11	22.525	0.64
73.95	6.12	3.74	22.54	1.14
74	6.56	1.9	22.555	0.58
74.05	5.28	2.61	22.57	0.79
74.1	5.64	4.3	22.586	1.31
74.15	7.82	2.6	22.601	0.79
74.2	6.91	2.39	22.616	0.73
74.25	7.46	3.57	22.631	1.09
74.3	7.23	3.3	22.647	1.01
74.35	6.61	1.64	22.662	0.5
74.4	5.81	3.11	22.677	0.95
74.45	6.9	1.55	22.692	0.47
74.5	7.45	1.55	22.708	0.47
74.55	8.73	0.91	22.723	0.28
74.6	8.86	2.02	22.738	0.61
74.65	6.93	1.04	22.753	0.32
74.7	6.47	1.47	22.769	0.45
74.75	5.73	1.23	22.784	0.37
74.8	6.37	2.11	22.799	0.64
74.85	6.18	1.19	22.814	0.36
74.9	5.59	1.82	22.83	0.56
74.95	5.8	1.8	22.845	0.55
75	5.4	1.92	22.86	0.58
75.05	4.7	1.3	22.875	0.4
75.1	4.85	2.63	22.89	0.8
75.15	5.42	2.78	22.906	0.85
75.2	5.71	1.83	22.921	0.56
75.25	6.36	1.69	22.936	0.52
75.3	5.18	3.93	22.951	1.2
75.35	6.59	2.21	22.967	0.67
75.4	6.79	2.82	22.982	0.86
75.45	5.9	2.82	22.997	0.86
75.5	5.95	2.51	23.012	0.76
75.55	5.47	2.32	23.028	0.71
75.6	4.24	1.65	23.043	0.5
75.65	4.12	1.62	23.058	0.5
75.7	4.06	1.83	23.073	0.56
75.75	4.53	1.87	23.089	0.57
75.8	4.76	1.38	23.104	0.42
75.85	3.88	1.98	23.119	0.6
75.9	3.94	1.43	23.134	0.44
75.95	4.97	1.5	23.15	0.46
76	5.49	1.76	23.165	0.54
76.05	6.24	1.54	23.18	0.47
76.1	7.62	1.21	23.195	0.37
76.15	7.31	1.22	23.211	0.37
76.2	7.66	1.11	23.226	0.34
76.25	9.33	1.43	23.241	0.44
76.3	7.66	1	23.256	0.3
76.35	8.33	1.95	23.271	0.6
76.4	8.67	1.72	23.287	0.53
76.45	12.33	2.42	23.302	0.74
76.5	15.17	2.05	23.317	0.63
76.55	21.58	1.25	23.332	0.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
76.6	27.79	2.15	23.348	0.66
76.65	48.9	1.84	23.363	0.56
76.7	56.95	1.54	23.378	0.47
76.75	45.97	2.88	23.393	0.88
76.8	42.49	1.34	23.409	0.41
76.85	36.74	3.12	23.424	0.95
76.9	34.87	1.5	23.439	0.46
76.95	35.94	1.95	23.454	0.59
77	41.47	2.14	23.47	0.65
77.05	33.73	2.8	23.485	0.85
77.1	23.87	1.33	23.5	0.4
77.15	19.93	2.49	23.515	0.76
77.2	16.47	2.03	23.531	0.62
77.25	17.23	1.56	23.546	0.47
77.3	14.12	2.29	23.561	0.7
77.35	19.06	2	23.576	0.61
77.4	18.03	4	23.592	1.22
77.45	17.51	1.76	23.607	0.54
77.5	22.76	4.42	23.622	1.35
77.55	23.38	3.01	23.637	0.92
77.6	21.69	3.9	23.653	1.19
77.65	16.34	3.58	23.668	1.09
77.7	18.67	3.41	23.683	1.04
77.75	17.34	2.4	23.698	0.73
77.8	15.17	4.2	23.713	1.28
77.85	13.58	5.18	23.729	1.58
77.9	12.79	4.46	23.744	1.36
77.95	10.4	3	23.759	0.91
78	8.7	3.22	23.774	0.98
78.05	7.35	6.54	23.79	1.99
78.1	6.17	5.06	23.805	1.54
78.15	6.09	2.77	23.82	0.85
78.2	5.54	1.95	23.835	0.59
78.25	6.27	2.98	23.851	0.91
78.3	7.14	2.65	23.866	0.81
78.35	6.57	2.28	23.881	0.69
78.4	5.78	1.24	23.896	0.38
78.45	5.39	3.23	23.912	0.99
78.5	4.7	2.64	23.927	0.81
78.55	4.85	1.93	23.942	0.59
78.6	4.42	2.07	23.957	0.63
78.65	4.71	5.4	23.973	1.65
78.7	4.86	2.29	23.988	0.7
78.75	5.93	4.75	24.003	1.45
78.8	4.96	2.93	24.018	0.89
78.85	6.98	2.98	24.034	0.91
78.9	9.49	2.73	24.049	0.83
78.95	18.25	4.75	24.064	1.45
79	21.12	5.12	24.079	1.56
79.05	38.56	3.52	24.095	1.07
79.1	100.28	3.05	24.11	0.93
79.15	82.64	3.44	24.125	1.05
79.2	110.82	2.28	24.14	0.7
79.25	101.91	4.58	24.155	1.4
79.3	85.96	3.82	24.171	1.16
79.35	89.48	2.84	24.186	0.86
79.4	68.24	2.95	24.201	0.9
79.45	54.12	3.31	24.216	1.01
79.5	47.06	2.22	24.232	0.68
79.55	43.53	1.26	24.247	0.38
79.6	52.76	1.73	24.262	0.53
79.65	52.88	1.53	24.277	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	46.94	2.92	24.293	0.89
79.75	46.97	1.48	24.308	0.45
79.8	43.99	2.52	24.323	0.77
79.85	48.49	1.41	24.338	0.43
79.9	41.75	2.91	24.354	0.89
79.95	38.37	1.38	24.369	0.42
80	31.19	1.94	24.384	0.59
80.05	22.59	1.55	24.399	0.47
80.1	25.8	3.43	24.415	1.05
80.15	19.9	2.33	24.43	0.71
80.2	14.95	2.36	24.445	0.72
80.25	12.97	2.18	24.46	0.66
80.3	9.49	3.06	24.476	0.93
80.35	8.74	2.09	24.491	0.64
80.4	6.37	3.18	24.506	0.97
80.45	6.19	1.76	24.521	0.54
80.5	4.09	2.07	24.536	0.63
80.55	3.55	1.92	24.552	0.59
80.6	3.27	1.24	24.567	0.38
80.65	3.14	1.74	24.582	0.53
80.7	3.07	2.61	24.597	0.8
80.75	3.03	0.82	24.613	0.25
80.8	3.02	2.15	24.628	0.66
80.85	3.51	1.49	24.643	0.45
80.9	3.75	0.97	24.658	0.3
80.95	4.38	1.02	24.674	0.31
81	5.69	1.01	24.689	0.31
81.05	7.34	1.54	24.704	0.47
81.1	10.67	0.83	24.719	0.25
81.15	13.84	0.88	24.735	0.27
81.2	16.92	0.96	24.75	0.29
81.25	14.96	1.25	24.765	0.38
81.3	12.48	0.89	24.78	0.27
81.35	13.74	1.57	24.796	0.48
81.4	10.37	1.77	24.811	0.54
81.45	8.68	1.1	24.826	0.34
81.5	6.34	1.09	24.841	0.33
81.55	6.17	1.79	24.857	0.55
81.6	6.09	1.46	24.872	0.44
81.65	7.04	1.22	24.887	0.37
81.7	8.52	1.42	24.902	0.43
81.75	8.26	1.2	24.918	0.36
81.8	8.63	1.36	24.933	0.41
81.85	8.32	1.31	24.948	0.4
81.9	7.66	1.43	24.963	0.44
81.95	6.83	1.68	24.978	0.51
82	5.41	1.94	24.994	0.59
82.05	5.21	1.25	25.009	0.38
82.1	4.1	3.15	25.024	0.96
82.15	4.05	1.15	25.039	0.35
82.2	4.03	1.89	25.055	0.58
82.25	3.51	2.12	25.07	0.65
82.3	3.26	1.96	25.085	0.6
82.35	3.13	1.87	25.1	0.57
82.4	2.56	7.27	25.116	2.22
82.45	2.28	1.74	25.131	0.53
82.5	2.64	3.17	25.146	0.96
82.55	2.82	1.95	25.161	0.59
82.6	2.91	2.47	25.177	0.75
82.65	2.46	2.6	25.192	0.79
82.7	2.73	1.54	25.207	0.47
82.75	2.86	3.66	25.222	1.11

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	2.93	4.88	25.238	1.49
82.85	2.97	2.88	25.253	0.88
82.9	2.98	3.14	25.268	0.96
82.95	2.49	4.79	25.283	1.46
83	2.25	3.92	25.299	1.19
83.05	1.62	5.38	25.314	1.64
83.1	1.81	3.53	25.329	1.08
83.15	2.41	2.94	25.344	0.9
83.2	2.7	1.54	25.36	0.47
83.25	2.85	2.5	25.375	0.76
83.3	3.93	1.76	25.39	0.54
83.35	3.46	1.21	25.405	0.37
83.4	6.73	1.53	25.42	0.47
83.45	9.87	1.71	25.436	0.52
83.5	9.93	1.25	25.451	0.38
83.55	11.47	1.02	25.466	0.31
83.6	9.23	1.21	25.481	0.37
83.65	8.62	2.69	25.497	0.82
83.7	6.81	0.79	25.512	0.24
83.75	4.9	1.98	25.527	0.6
83.8	3.95	0.87	25.542	0.26
83.85	2.98	2.52	25.558	0.77
83.9	2.99	2.27	25.573	0.69
83.95	2.49	1.71	25.588	0.52
84	2.75	1.79	25.603	0.55
84.05	2.37	0.97	25.619	0.3
84.1	2.19	1.63	25.634	0.5
84.15	2.09	1.18	25.649	0.36
84.2	2.55	2.33	25.664	0.71
84.25	1.77	1.61	25.68	0.49
84.3	1.89	2.04	25.695	0.62
84.35	1.94	0.9	25.71	0.27
84.4	2.47	2.74	25.725	0.84
84.45	2.74	0.99	25.741	0.3
84.5	2.87	1.27	25.756	0.39
84.55	3.43	1.25	25.771	0.38
84.6	3.22	1.1	25.786	0.34
84.65	2.61	0.78	25.801	0.24
84.7	2.8	0.63	25.817	0.19
84.75	2.9	0.46	25.832	0.14
84.8	2.45	0.94	25.847	0.29
84.85	2.73	0.67	25.862	0.2
84.9	2.86	0.61	25.878	0.19
84.95	3.43	0.64	25.893	0.19
85	3.72	1.06	25.908	0.32
85.05	4.36	0.7	25.923	0.21
85.1	4.68	0.76	25.939	0.23
85.15	6.84	0.45	25.954	0.14
85.2	5.92	0.97	25.969	0.3
85.25	5.46	1.5	25.984	0.46
85.3	5.23	0.91	26	0.28
85.35	5.61	1.44	26.015	0.44
85.4	5.81	1.98	26.03	0.6
85.45	4.9	0.94	26.045	0.29
85.5	5.45	3.61	26.061	1.1
85.55	5.73	1.56	26.076	0.48
85.6	5.36	0.96	26.091	0.29
85.65	4.18	1.52	26.106	0.46
85.7	4.59	3.23	26.122	0.99
85.75	4.8	1.29	26.137	0.39
85.8	8.4	0.96	26.152	0.29
85.85	10.2	0.9	26.167	0.27

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	8.6	0.97	26.183	0.3
85.95	10.3	1.25	26.198	0.38
86	10.15	1.33	26.213	0.4
86.05	8.07	0.95	26.228	0.29
86.1	5.54	0.53	26.243	0.16
86.15	6.27	0.58	26.259	0.18
86.2	6.13	0.94	26.274	0.29
86.25	5.07	0.78	26.289	0.24
86.3	5.53	0.8	26.304	0.24
86.35	5.27	0.97	26.32	0.29
86.4	6.13	1.21	26.335	0.37
86.45	6.07	1.31	26.35	0.4
86.5	6.03	0.96	26.365	0.29
86.55	5.52	0.93	26.381	0.28
86.6	5.26	1.6	26.396	0.49
86.65	5.13	1.85	26.411	0.56
86.7	4.56	2.17	26.426	0.66
86.75	4.28	1.04	26.442	0.32
86.8	4.64	1.65	26.457	0.5
86.85	5.82	0.74	26.472	0.22
86.9	5.91	0.98	26.487	0.3
86.95	6.46	1.03	26.503	0.32
87	7.23	1.6	26.518	0.49
87.05	7.11	1.59	26.533	0.48
87.1	6.56	0.59	26.548	0.18
87.15	6.28	2	26.564	0.61
87.2	6.64	0.94	26.579	0.29
87.25	6.32	1.55	26.594	0.47
87.3	7.16	1.91	26.609	0.58
87.35	6.58	1.17	26.625	0.36
87.4	11.29	5.28	26.64	1.61
87.45	11.64	6.68	26.655	2.04
87.5	13.32	11.73	26.67	3.58
87.55	12.66	13.2	26.685	4.02
87.6	14.33	12.76	26.701	3.89
87.65	14.17	13.82	26.716	4.21
87.7	11.08	3.84	26.731	1.17
87.75	13.04	1.29	26.746	0.39
87.8	10.02	3.12	26.762	0.95
87.85	10.51	1.29	26.777	0.39
87.9	10.26	3.15	26.792	0.96
87.95	9.63	1.93	26.807	0.59
88	11.81	0.73	26.823	0.22
88.05	14.41	2.42	26.838	0.74
88.1	17.7	1.19	26.853	0.36
88.15	17.35	1.71	26.868	0.52
88.2	19.18	1.94	26.884	0.59
88.25	18.59	0.89	26.899	0.27
88.3	15.79	0.66	26.914	0.2
88.35	11.4	1.55	26.929	0.47
88.4	9.7	0.92	26.945	0.28
88.45	10.35	2.13	26.96	0.65
88.5	10.17	2.02	26.975	0.61
88.55	11.09	3.53	26.99	1.08
88.6	10.54	1.47	27.006	0.45
88.65	10.27	1.69	27.021	0.52
88.7	9.64	1.26	27.036	0.38
88.75	9.32	4	27.051	1.22
88.8	8.16	2.6	27.066	0.79
88.85	7.08	2.15	27.082	0.66
88.9	7.04	1.32	27.097	0.4
88.95	7.02	1.58	27.112	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	5.51	2.09	27.127	0.64
89.05	4.25	3.97	27.143	1.21
89.1	5.13	3.53	27.158	1.07
89.15	4.06	1.5	27.173	0.46
89.2	4.03	3.32	27.188	1.01
89.25	3.52	1.78	27.204	0.54
89.3	3.26	2.6	27.219	0.79
89.35	2.63	1.29	27.234	0.39
89.4	3.31	0.98	27.249	0.3
89.45	3.16	1.43	27.265	0.44
89.5	2.58	1.6	27.28	0.49
89.55	3.29	0.68	27.295	0.21
89.6	3.14	1.55	27.31	0.47
89.65	2.57	1.98	27.326	0.6
89.7	3.29	2.11	27.341	0.64
89.75	3.14	1.04	27.356	0.32
89.8	3.07	2.46	27.371	0.75
89.85	2.54	1.23	27.387	0.38
89.9	2.27	3.27	27.402	1
89.95	2.63	1.79	27.417	0.55
90	2.32	3.52	27.432	1.07
90.05	2.16	2.86	27.448	0.87
90.1	2.08	3.09	27.463	0.94
90.15	2.04	3.02	27.478	0.92
90.2	2.02	3.89	27.493	1.19
90.25	2.51	4.01	27.508	1.22
90.3	2.75	3.54	27.524	1.08
90.35	3.38	2.86	27.539	0.87
90.4	3.19	2.15	27.554	0.65
90.45	2.59	2.76	27.569	0.84
90.5	2.3	2.58	27.585	0.79
90.55	2.15	2.79	27.6	0.85
90.6	2.07	1.56	27.615	0.47
90.65	2.04	2.9	27.63	0.88
90.7	2.02	2.38	27.646	0.73
90.75	2.51	1.81	27.661	0.55
90.8	2.75	1.85	27.676	0.56
90.85	2.38	2.6	27.691	0.79
90.9	2.19	1.87	27.707	0.57
90.95	2.09	1.3	27.722	0.4
91	2.55	1.94	27.737	0.59
91.05	2.27	1.73	27.752	0.53
91.1	2.14	1.24	27.768	0.38
91.15	2.57	1.64	27.783	0.5
91.2	2.78	1.46	27.798	0.45
91.25	2.39	2.72	27.813	0.83
91.3	2.2	1.56	27.829	0.48
91.35	2.6	2.27	27.844	0.69
91.4	3.3	2.56	27.859	0.78
91.45	3.15	2.29	27.874	0.7
91.5	3.07	2.22	27.889	0.68
91.55	3.04	2.62	27.905	0.8
91.6	4.02	1.31	27.92	0.4
91.65	4.01	1.87	27.935	0.57
91.7	3.5	1.67	27.95	0.51
91.75	3.75	1.54	27.966	0.47
91.8	3.88	1.26	27.981	0.38
91.85	3.94	2	27.996	0.61
91.9	3.47	1.66	28.011	0.5
91.95	2.73	2.07	28.027	0.63
92	2.87	0.75	28.042	0.23
92.05	2.43	0.81	28.057	0.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	2.72	1.54	28.072	0.47
92.15	3.36	1.53	28.088	0.47
92.2	3.18	1.42	28.103	0.43
92.25	3.09	0.82	28.118	0.25
92.3	3.04	1.39	28.133	0.42
92.35	2.52	1.17	28.149	0.36
92.4	2.76	1.1	28.164	0.33
92.45	2.38	1.02	28.179	0.31
92.5	2.19	1.03	28.194	0.31
92.55	2.1	1.15	28.21	0.35
92.6	2.05	0.86	28.225	0.26
92.65	1.52	1.15	28.24	0.35
92.7	1.76	1.06	28.255	0.32
92.75	1.88	0.07	28.271	0.02
92.8	1.94	3.4	28.286	1.04
92.85	2.47	1.52	28.301	0.46
92.9	2.24	4.26	28.316	1.3
92.95	2.62	2.87	28.331	0.87
93	2.81	1.31	28.347	0.4
93.05	4.4	1.67	28.362	0.51
93.1	4.7	3.09	28.377	0.94
93.15	4.85	2.81	28.392	0.86
93.2	4.43	3.92	28.408	1.19
93.25	4.71	3	28.423	0.91
93.3	3.86	1.64	28.438	0.5
93.35	3.93	2.62	28.453	0.8
93.4	2.96	1.28	28.469	0.39
93.45	3.48	1.62	28.484	0.49
93.5	3.24	0.83	28.499	0.25
93.55	3.62	2.27	28.514	0.69
93.6	3.31	1.03	28.53	0.32
93.65	3.16	1.82	28.545	0.55
93.7	3.08	1.66	28.56	0.51
93.75	2.54	3.53	28.575	1.08
93.8	2.27	1.4	28.591	0.43
93.85	2.63	1.35	28.606	0.41
93.9	2.32	1.44	28.621	0.44
93.95	1.66	4.5	28.636	1.37
94	2.33	2.58	28.652	0.79
94.05	2.66	3.32	28.667	1.01
94.1	5.33	2.62	28.682	0.8
94.15	7.67	3.58	28.697	1.09
94.2	20.33	2.05	28.713	0.63
94.25	45.17	3.87	28.728	1.18
94.3	92.08	3.7	28.743	1.13
94.35	92.54	2.63	28.758	0.8
94.4	57.27	1.62	28.773	0.49
94.45	36.14	1.97	28.789	0.6
94.5	38.57	2.47	28.804	0.75
94.55	61.28	3.85	28.819	1.17
94.6	60.64	2.21	28.834	0.67
94.65	61.32	3.67	28.85	1.12
94.7	61.66	1.94	28.865	0.59
94.75	54.33	1.14	28.88	0.35
94.8	96.67	3.48	28.895	1.06
94.85	208.83	1.46	28.911	0.44
94.9	173.92	2.27	28.926	0.69
94.95	125.96	2.13	28.941	0.65
95	223.48	1.88	28.956	0.57
95.05	272.24	1.91	28.972	0.58
95.1	194.12	2.92	28.987	0.89
95.15	257.56	1.98	29.002	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
95.2	266.78	2.14	29.017	0.65
95.25	293.89	2.26	29.033	0.69
95.3	146.94	1.99	29.048	0.61
95.35	233.97	2.07	29.063	0.63
95.4	2052.99	2.08	29.078	0.63
95.45	1026.49	2.63	29.094	0.8
95.5	740.75	2.02	29.109	0.62
95.55	462.87	1.53	29.124	0.47
95.6	346.94	2.63	29.139	0.8
95.65	311.47	1.83	29.154	0.56
95.7	202.23	1.25	29.17	0.38
95.75	155.62	1.35	29.185	0.41
95.8	124.31	1.36	29.2	0.41
95.85	154.65	1.61	29.215	0.49
95.9	116.33	1.7	29.231	0.52
95.95	150.66	1.01	29.246	0.31
96	104.33	1.58	29.261	0.48
96.05	80.17	0.78	29.276	0.24
96.1	68.08	1.41	29.292	0.43
96.15	57.54	1.35	29.307	0.41
96.2	42.27	0.96	29.322	0.29
96.25	39.64	2.32	29.337	0.71
96.3	39.82	1.89	29.353	0.58
96.35	29.91	1.58	29.368	0.48
96.4	26.95	1.45	29.383	0.44
96.45	23.98	1.99	29.398	0.61
96.5	25.49	1.39	29.414	0.42
96.55	23.74	2.03	29.429	0.62
96.6	20.87	2.25	29.444	0.69
96.65	21.44	2.04	29.459	0.62
96.7	17.72	1.68	29.475	0.51
96.75	17.86	2.25	29.49	0.69
96.8	20.93	1.14	29.505	0.35
96.85	21.46	2.29	29.52	0.7
96.9	23.23	2.22	29.536	0.68
96.95	20.62	2.29	29.551	0.7
97	21.31	1.98	29.566	0.6
97.05	21.65	2.21	29.581	0.67
97.1	25.33	2.76	29.596	0.84
97.15	25.16	1.82	29.612	0.56
97.2	23.58	2.06	29.627	0.63
97.25	20.79	2.15	29.642	0.66
97.3	23.9	2.48	29.657	0.76
97.35	35.45	1.97	29.673	0.6
97.4	52.72	1.21	29.688	0.37
97.45	186.86	2.42	29.703	0.74
97.5	93.43	2.27	29.718	0.69
97.55	162.22	1.62	29.734	0.49
97.6	81.11	2.14	29.749	0.65
97.65	178.55	1.5	29.764	0.46
97.7	89.28	2.13	29.779	0.65
97.75	205.14	2.66	29.795	0.81
97.8	172.07	4.22	29.81	1.29
97.85	132.53	1.98	29.825	0.6
97.9	103.77	4.77	29.84	1.45
97.95	98.38	2.66	29.856	0.81
98	72.69	1.79	29.871	0.55
98.05	56.35	2.15	29.886	0.65
98.1	43.17	3.45	29.901	1.05
98.15	35.59	2.73	29.917	0.83
98.2	36.29	2.6	29.932	0.79
98.25	30.15	3.13	29.947	0.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.3	28.07	4.14	29.962	1.26
98.35	26.04	3	29.978	0.91
98.4	24.02	1.09	29.993	0.33
98.45	25.01	1.65	30.008	0.5
98.5	23.5	0.92	30.023	0.28
98.55	17.75	1.96	30.038	0.6
98.6	21.38	0.48	30.054	0.15
98.65	26.19	1.47	30.069	0.45
98.7	23.09	1.11	30.084	0.34
98.75	22.55	2.26	30.099	0.69
98.8	23.77	1.51	30.115	0.46
98.85	19.89	0.9	30.13	0.27
98.9	20.94	1.31	30.145	0.4
98.95	18.47	1.8	30.16	0.55
99	19.74	1.51	30.176	0.46
99.05	15.87	1.81	30.191	0.55
99.1	14.93	1.81	30.206	0.55
99.15	13.97	3.46	30.221	1.05
99.2	14.98	3.21	30.237	0.98
99.25	12.49	3.32	30.252	1.01
99.3	12.75	3.21	30.267	0.98
99.35	13.37	1.87	30.282	0.57
99.4	14.19	1.54	30.298	0.47
99.45	13.59	2.7	30.313	0.82
99.5	11.3	2.4	30.328	0.73
99.55	9.65	1.7	30.343	0.52
99.6	8.82	2.44	30.359	0.75
99.65	7.41	1.54	30.374	0.47
99.7	6.21	2.2	30.389	0.67
99.75	6.6	1.87	30.404	0.57
99.8	6.3	2.64	30.419	0.8
99.85	5.65	1.01	30.435	0.31
99.9	5.83	1.76	30.45	0.54
99.95	5.41	1.18	30.465	0.36
100	4.71	2.08	30.48	0.63
100.05	4.85	1.08	30.496	0.33
100.1	4.43	2.5	30.511	0.76
100.15	3.71	1.41	30.526	0.43
100.2	3.36	1.83	30.541	0.56
100.25	3.18	1.45	30.557	0.44
100.3	3.59	1.66	30.572	0.5
100.35	3.79	1.71	30.587	0.52
100.4	3.9	1.56	30.602	0.48
100.45	3.95	2.21	30.618	0.67
100.5	3.47	1.82	30.633	0.56
100.55	4.24	2.15	30.648	0.65
100.6	4.62	2.4	30.663	0.73
100.65	4.81	2.01	30.679	0.61
100.7	4.9	1.29	30.694	0.39
100.75	5.45	2.25	30.709	0.69
100.8	4.73	1.69	30.724	0.51
100.85	4.86	1.73	30.74	0.53
100.9	4.43	1.4	30.755	0.43
100.95	5.22	1.69	30.77	0.51
101	4.61	1.32	30.785	0.4
101.05	4.8	0.74	30.801	0.23
101.1	4.4	0.88	30.816	0.27
101.15	4.2	1.26	30.831	0.39
101.2	3.6	1.23	30.846	0.38
101.25	5.8	1.27	30.861	0.39
101.3	6.4	1.18	30.877	0.36
101.35	6.7	1.53	30.892	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	7.85	1.66	30.907	0.51
101.45	8.93	1.51	30.922	0.46
101.5	7.96	1.24	30.938	0.38
101.55	7.48	2.24	30.953	0.68
101.6	6.24	1.07	30.968	0.33
101.65	5.12	2.09	30.983	0.64
101.7	4.06	2.03	30.999	0.62
101.75	4.03	2.13	31.014	0.65
101.8	3.02	1.17	31.029	0.36
101.85	3.01	2.41	31.044	0.74
101.9	2.5	1.57	31.06	0.48
101.95	2.75	1.44	31.075	0.44
102	2.38	1.92	31.09	0.58
102.05	2.19	1.38	31.105	0.42
102.1	2.09	1.35	31.121	0.41
102.15	3.05	1.57	31.136	0.48
102.2	3.52	1.94	31.151	0.59
102.25	2.26	1.26	31.166	0.38
102.3	3.13	1.23	31.182	0.37
102.35	3.57	0.88	31.197	0.27
102.4	3.78	1.68	31.212	0.51
102.45	3.39	1.52	31.227	0.46
102.5	3.2	1.55	31.243	0.47
102.55	2.6	1.42	31.258	0.43
102.6	2.8	1.3	31.273	0.4
102.65	2.9	1.33	31.288	0.4
102.7	2.95	8.52	31.303	2.6
102.75	2.97	1.15	31.319	0.35
102.8	3.99	1.68	31.334	0.51
102.85	3.49	1.26	31.349	0.38
102.9	3.75	5.03	31.364	1.53
102.95	2.87	2.96	31.38	0.9
103	3.44	1.96	31.395	0.6
103.05	3.72	2.52	31.41	0.77
103.1	3.86	5.23	31.425	1.59
103.15	4.43	1.91	31.441	0.58
103.2	3.71	2.61	31.456	0.79
103.25	4.86	1.33	31.471	0.4
103.3	5.43	1.28	31.486	0.39
103.35	5.21	1.22	31.502	0.37
103.4	5.61	1.69	31.517	0.51
103.45	3.8	0.84	31.532	0.26
103.5	2.9	0.9	31.547	0.27
103.55	2.45	1.02	31.563	0.31
103.6	3.73	0.44	31.578	0.14
103.65	4.36	0.62	31.593	0.19
103.7	4.68	0.51	31.608	0.15
103.75	5.34	2.82	31.624	0.86
103.8	5.17	0.89	31.639	0.27
103.85	6.09	0.49	31.654	0.15
103.9	6.04	0.93	31.669	0.28
103.95	6.02	2.58	31.684	0.79
104	6.51	0.84	31.7	0.26
104.05	7.26	1.95	31.715	0.6
104.1	7.63	1.56	31.73	0.48
104.15	9.81	1.72	31.745	0.53
104.2	9.91	0.7	31.761	0.21
104.25	7.45	3.68	31.776	1.12
104.3	8.73	1.29	31.791	0.39
104.35	6.36	1.48	31.806	0.45
104.4	6.18	1.3	31.822	0.4
104.45	4.59	1.38	31.837	0.42

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	5.3	0.74	31.852	0.23
104.55	4.65	1.95	31.867	0.59
104.6	4.32	1.43	31.883	0.43
104.65	4.16	1.15	31.898	0.35
104.7	4.08	1.44	31.913	0.44
104.75	4.04	0.49	31.928	0.15
104.8	5.02	1.25	31.944	0.38
104.85	6.01	0.41	31.959	0.13
104.9	8.01	1.73	31.974	0.53
104.95	10.5	0.49	31.989	0.15
105	11.25	0.82	32.005	0.25
105.05	14.13	1.54	32.02	0.47
105.1	12.56	1.19	32.035	0.36
105.15	13.28	0.87	32.05	0.26
105.2	10.64	1.09	32.066	0.33
105.25	11.82	0.51	32.081	0.16
105.3	10.91	1.5	32.096	0.46
105.35	17.46	0.76	32.111	0.23
105.4	14.23	1.5	32.126	0.46
105.45	13.61	1.77	32.142	0.54
105.5	15.81	1	32.157	0.3
105.55	13.4	2.73	32.172	0.83
105.6	11.7	2.5	32.187	0.76
105.65	14.85	1.67	32.203	0.51
105.7	16.43	1.47	32.218	0.45
105.75	16.21	2.24	32.233	0.68
105.8	13.61	0.63	32.248	0.19
105.85	17.8	1.13	32.264	0.34
105.9	17.4	1.53	32.279	0.47
105.95	17.7	1.46	32.294	0.44
106	17.85	1.48	32.309	0.45
106.05	18.93	0.72	32.325	0.22
106.1	20.46	0.68	32.34	0.21
106.15	17.23	0.52	32.355	0.16
106.2	22.62	1.24	32.37	0.38
106.25	24.31	1.14	32.386	0.35
106.3	29.15	0.99	32.401	0.3
106.35	24.58	1.56	32.416	0.48
106.4	20.29	0.57	32.431	0.17
106.45	25.14	1.19	32.447	0.36
106.5	21.07	1.29	32.462	0.39
106.55	20.04	1.44	32.477	0.44
106.6	16.02	0.78	32.492	0.24
106.65	20.01	0.99	32.508	0.3
106.7	11	1.41	32.523	0.43
106.75	6	0.97	32.538	0.29
106.8	4	1.52	32.553	0.46
106.85	2.5	1.21	32.568	0.37
106.9	1.75	1.81	32.584	0.55
106.95	1.88	0.76	32.599	0.23
107	1.94	0.53	32.614	0.16
107.05	1.97	1.22	32.629	0.37
107.1	1.98	1.23	32.645	0.37
107.15	1.49	1.44	32.66	0.44
107.2	1.25	1.08	32.675	0.33
107.25	1.12	0.59	32.69	0.18
107.3	1.06	1.47	32.706	0.45
107.35	1.03	1.76	32.721	0.54
107.4	1.02	0.77	32.736	0.23
107.45	1.01	1.4	32.751	0.43
107.5	6.5	1.6	32.767	0.49
107.55	7.25	0.53	32.782	0.16

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	6.13	1.98	32.797	0.6
107.65	4.56	0.99	32.812	0.3
107.7	4.28	3.67	32.828	1.12
107.75	4.14	1.45	32.843	0.44
107.8	3.07	1.38	32.858	0.42
107.85	2.54	1.03	32.873	0.31
107.9	2.77	1.97	32.889	0.6
107.95	2.38	1.32	32.904	0.4
108	2.19	1.65	32.919	0.5
108.05	2.6	0.99	32.934	0.3
108.1	3.3	2.66	32.949	0.81
108.15	2.65	1.36	32.965	0.41
108.2	4.32	2.38	32.98	0.72
108.25	2.66	1.62	32.995	0.49
108.3	2.33	2.92	33.01	0.89
108.35	1.67	2.51	33.026	0.77
108.4	1.83	1.26	33.041	0.38
108.45	1.92	1.65	33.056	0.5
108.5	2.46	1.92	33.071	0.59
108.55	2.23	1.79	33.087	0.55
108.6	3.61	1.32	33.102	0.4
108.65	3.81	1.62	33.117	0.49
108.7	2.4	0.56	33.132	0.17
108.75	2.2	1.63	33.148	0.5
108.8	2.1	0.73	33.163	0.22
108.85	2.05	1.05	33.178	0.32
108.9	2.03	1.15	33.193	0.35
108.95	6.51	2.53	33.209	0.77
109	5.26	1.59	33.224	0.48
109.05	4.13	1.75	33.239	0.53
109.1	3.06	0.82	33.254	0.25
109.15	2.03	1.2	33.27	0.37
109.2	9.52	0.64	33.285	0.2
109.25	13.26	2.75	33.3	0.84
109.3	9.63	0.68	33.315	0.21
109.35	5.81	2.18	33.331	0.66
109.4	4.41	0.67	33.346	0.2
109.45	4.7	1.08	33.361	0.33
109.5	3.35	1.47	33.376	0.45
109.55	4.18	3.93	33.391	1.2
109.6	3.59	0.63	33.407	0.19
109.65	3.29	0.84	33.422	0.26
109.7	3.15	1	33.437	0.3
109.75	12.57	2.16	33.452	0.66
109.8	10.79	1.1	33.468	0.33
109.85	19.89	0.87	33.483	0.26
109.9	21.95	1.17	33.498	0.36
109.95	21.47	0.74	33.513	0.23
110	16.24	1.05	33.529	0.32
110.05	24.12	0.78	33.544	0.24
110.1	24.06	0.48	33.559	0.15
110.15	26.53	1.87	33.574	0.57
110.2	23.26	1.5	33.59	0.46
110.25	15.13	1.03	33.605	0.31
110.3	21.57	1.3	33.62	0.39
110.35	12.78	1.63	33.635	0.5
110.4	11.89	2.05	33.651	0.63
110.45	17.95	1.34	33.666	0.41
110.5	17.47	1.14	33.681	0.35
110.55	23.24	0.9	33.696	0.27
110.6	23.12	2.1	33.712	0.64
110.65	27.06	1.44	33.727	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	27.03	1.79	33.742	0.54
110.75	29.01	2.72	33.757	0.83
110.8	26.51	3.33	33.772	1.02
110.85	24.75	1.64	33.788	0.5
110.9	24.38	3.42	33.803	1.04
110.95	28.69	1.42	33.818	0.43
111	21.84	1.16	33.833	0.35
111.05	26.92	2.67	33.849	0.81
111.1	21.46	1.17	33.864	0.36
111.15	26.23	2.07	33.879	0.63
111.2	34.62	1.84	33.894	0.56
111.25	26.81	2.96	33.91	0.9
111.3	27.9	1.68	33.925	0.51
111.35	33.95	1.49	33.94	0.45
111.4	30.48	1.59	33.955	0.48
111.45	30.24	2.1	33.971	0.64
111.5	35.12	1.11	33.986	0.34
111.55	28.06	0.83	34.001	0.25
111.6	28.03	1.38	34.016	0.42
111.65	27.01	1.85	34.032	0.56
111.7	27.01	1.78	34.047	0.54
111.75	28.5	1.92	34.062	0.59
111.8	28.75	1.83	34.077	0.56
111.85	28.38	1.26	34.093	0.39
111.9	29.69	2.29	34.108	0.7
111.95	28.34	1.78	34.123	0.54
112	15.17	1.54	34.138	0.47
112.05	9.09	1.06	34.154	0.32
112.1	5.54	2.48	34.169	0.75
112.15	4.27	1.59	34.184	0.48
112.2	3.64	1.76	34.199	0.53
112.25	3.32	1.97	34.214	0.6
112.3	3.16	2	34.23	0.61
112.35	3.08	2.08	34.245	0.63
112.4	3.04	1.98	34.26	0.6
112.45	2.52	1.18	34.275	0.36
112.5	2.76	1.9	34.291	0.58
112.55	2.88	0.85	34.306	0.26
112.6	2.44	1.33	34.321	0.41
112.65	1.72	2.41	34.336	0.73
112.7	1.36	1.1	34.352	0.33
112.75	2.18	0.75	34.367	0.23
112.8	2.59	3.34	34.382	1.02
112.85	2.79	1.84	34.397	0.56
112.9	3.4	2.95	34.413	0.9
112.95	3.7	1.19	34.428	0.36
113	3.35	1.03	34.443	0.32
113.05	3.17	2.05	34.458	0.62
113.1	3.09	4.48	34.474	1.37
113.15	3.04	2.61	34.489	0.79
113.2	3.52	2	34.504	0.61
113.25	3.26	2.19	34.519	0.67
113.3	3.63	3.01	34.535	0.92
113.35	3.82	2.04	34.55	0.62
113.4	3.41	2.84	34.565	0.87
113.45	3.2	3.56	34.58	1.08
113.5	3.1	3.17	34.596	0.97
113.55	3.05	2.21	34.611	0.67
113.6	3.53	1.89	34.626	0.58
113.65	2.76	1.64	34.641	0.5
113.7	2.88	2.18	34.656	0.66
113.75	2.94	2.53	34.672	0.77

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	3.47	2.27	34.687	0.69
113.85	3.74	2.33	34.702	0.71
113.9	3.87	1.17	34.717	0.36
113.95	2.93	2.69	34.733	0.82
114	2.97	1.82	34.748	0.56
114.05	3.48	2.14	34.763	0.65
114.1	2.74	2.2	34.778	0.67
114.15	3.37	2.14	34.794	0.65
114.2	3.19	2.93	34.809	0.89
114.25	3.09	4.06	34.824	1.24
114.3	3.55	2.76	34.839	0.84
114.35	3.27	2.44	34.855	0.74
114.4	3.64	2.81	34.87	0.86
114.45	2.82	3.49	34.885	1.06
114.5	2.41	1.75	34.9	0.53
114.55	2.7	2.56	34.916	0.78
114.6	2.85	2.5	34.931	0.76
114.65	2.93	2.27	34.946	0.69
114.7	2.96	1.97	34.961	0.6
114.75	2.48	2.54	34.977	0.78
114.8	2.24	2.01	34.992	0.61
114.85	2.12	3	35.007	0.91
114.9	2.56	1.72	35.022	0.53
114.95	2.78	1.64	35.037	0.5
115	2.39	1.42	35.053	0.43
115.05	2.2	1.96	35.068	0.6
115.1	2.6	1.54	35.083	0.47
115.15	2.8	1.05	35.098	0.32
115.2	2.4	1.8	35.114	0.55
115.25	2.7	1.3	35.129	0.4
115.3	2.35	1.76	35.144	0.54
115.35	2.17	1.85	35.159	0.56
115.4	2.59	2.83	35.175	0.86
115.45	2.79	1.4	35.19	0.43
115.5	3.4	1.24	35.205	0.38
115.55	3.2	2.28	35.22	0.7
115.6	3.1	2.2	35.236	0.67
115.65	2.55	1.96	35.251	0.6
115.7	2.77	2.07	35.266	0.63
115.75	2.39	1.81	35.281	0.55
115.8	2.19	1.6	35.297	0.49
115.85	2.6	1.91	35.312	0.58
115.9	2.3	3.01	35.327	0.92
115.95	2.65	2.09	35.342	0.64
116	2.82	1.38	35.358	0.42
116.05	3.41	2.89	35.373	0.88
116.1	3.21	0.93	35.388	0.28
116.15	3.1	1.91	35.403	0.58
116.2	3.05	1.55	35.419	0.47
116.25	3.03	1.56	35.434	0.47
116.3	2.51	1.33	35.449	0.41
116.35	2.76	1.18	35.464	0.36
116.4	2.88	1.89	35.479	0.58
116.45	2.94	2.76	35.495	0.84
116.5	2.97	1.07	35.51	0.33
116.55	2.98	1.95	35.525	0.59
116.6	2.49	1.88	35.54	0.57
116.65	2.75	1.59	35.556	0.48
116.7	2.87	1.89	35.571	0.58
116.75	2.44	1.34	35.586	0.41
116.8	2.72	2.53	35.601	0.77
116.85	2.86	1.61	35.617	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	2.43	1.49	35.632	0.45
116.95	2.21	2.24	35.647	0.68
117	2.61	1.78	35.662	0.54
117.05	2.8	2.27	35.678	0.69
117.1	3.4	1.73	35.693	0.53
117.15	3.7	1.43	35.708	0.44
117.2	2.85	1.75	35.723	0.53
117.25	3.43	3.24	35.739	0.99
117.3	3.21	2.58	35.754	0.79
117.35	2.61	2.46	35.769	0.75
117.4	2.8	2.28	35.784	0.69
117.45	3.4	2.39	35.8	0.73
117.5	3.2	2.41	35.815	0.73
117.55	3.1	1.14	35.83	0.35
117.6	2.55	2.02	35.845	0.62
117.65	2.78	4.59	35.861	1.4
117.7	2.89	3.63	35.876	1.11
117.75	3.44	2.47	35.891	0.75
117.8	2.72	1.82	35.906	0.56
117.85	2.86	2.41	35.921	0.74
117.9	2.43	3.7	35.937	1.13
117.95	3.22	2.06	35.952	0.63
118	4.11	2.59	35.967	0.79
118.05	4.55	1.61	35.982	0.49
118.1	4.28	1.98	35.998	0.6
118.15	3.64	1.66	36.013	0.51
118.2	3.82	2.57	36.028	0.78
118.25	2.91	1.71	36.043	0.52
118.3	3.45	4.87	36.059	1.48
118.35	3.73	2.54	36.074	0.77
118.4	3.36	3.11	36.089	0.95
118.45	3.18	1.86	36.104	0.57
118.5	3.59	4.4	36.12	1.34
118.55	3.3	1.96	36.135	0.6
118.6	3.15	2.26	36.15	0.69
118.65	3.57	2.06	36.165	0.63
118.7	3.79	4.76	36.181	1.45
118.75	4.39	2.03	36.196	0.62
118.8	3.7	2.34	36.211	0.71
118.85	3.85	2.52	36.226	0.77
118.9	3.42	2.04	36.242	0.62
118.95	3.71	1.91	36.257	0.58
119	3.36	2.13	36.272	0.65
119.05	3.68	3.74	36.287	1.14
119.1	3.84	2.16	36.302	0.66
119.15	3.92	2.3	36.318	0.7
119.2	3.96	1.96	36.333	0.6
119.25	3.48	1.98	36.348	0.6
119.3	3.24	1.23	36.363	0.37
119.35	3.12	2.29	36.379	0.7
119.4	3.56	1.39	36.394	0.42
119.45	3.78	1.01	36.409	0.31
119.5	3.89	1.34	36.424	0.41
119.55	3.44	2.37	36.44	0.72
119.6	3.22	2.38	36.455	0.72
119.65	3.11	1.4	36.47	0.43
119.7	3.56	1.2	36.485	0.37
119.75	3.78	2.38	36.501	0.73
119.8	2.89	1.01	36.516	0.31
119.85	3.44	1.69	36.531	0.51
119.9	3.22	1.53	36.546	0.47
119.95	3.11	2.13	36.562	0.65

US EPA ARCHIVE DOCUMENT

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	3.56	1.9	36.577	0.58
120.05	4.28	2.35	36.592	0.72
120.1	3.64	0.88	36.607	0.27
120.15	2.82	2.72	36.623	0.83
120.2	2.91	2.1	36.638	0.64
120.25	3.45	1.76	36.653	0.54
120.3	3.23	1.13	36.668	0.34
120.35	3.61	0.83	36.684	0.25
120.4	3.31	0.99	36.699	0.3
120.45	3.65	1.82	36.714	0.56
120.5	4.33	2.8	36.729	0.85
120.55	3.66	0.68	36.744	0.21
120.6	3.83	1.03	36.76	0.31
120.65	3.42	1.09	36.775	0.33
120.7	3.71	1.2	36.79	0.36
120.75	4.35	2.02	36.805	0.62
120.8	4.18	1.76	36.821	0.54
120.85	3.59	0.97	36.836	0.3
120.9	4.79	1.26	36.851	0.39
120.95	4.4	0.95	36.866	0.29
121	4.2	2.94	36.882	0.9
121.05	4.1	1.02	36.897	0.31
121.1	3.55	2.18	36.912	0.66
121.15	3.27	1.64	36.927	0.5
121.2	3.64	0.96	36.943	0.29
121.25	4.32	1.32	36.958	0.4
121.3	4.66	1.26	36.973	0.38
121.35	3.83	1.17	36.988	0.36
121.4	3.41	1.82	37.004	0.55
121.45	3.21	1.4	37.019	0.43
121.5	3.6	1.67	37.034	0.51
121.55	3.8	0.72	37.049	0.22
121.6	3.4	1.95	37.065	0.59
121.65	4.2	1.15	37.08	0.35
121.7	3.6	2.13	37.095	0.65
121.75	3.3	1.3	37.11	0.4
121.8	3.65	1.49	37.126	0.46
121.85	3.33	0.73	37.141	0.22
121.9	4.16	1.52	37.156	0.46
121.95	3.58	0.7	37.171	0.21
122	3.29	1.41	37.186	0.43
122.05	3.65	2.19	37.202	0.67
122.1	3.82	1.91	37.217	0.58
122.15	3.41	0.98	37.232	0.3
122.2	4.21	0.85	37.247	0.26
122.25	4.1	1.87	37.263	0.57
122.3	3.55	2.08	37.278	0.64
122.35	4.28	1.58	37.293	0.48
122.4	4.64	1.26	37.308	0.38
122.45	3.82	1.54	37.324	0.47
122.5	4.41	2.36	37.339	0.72
122.55	4.2	0.96	37.354	0.29
122.6	4.6	1.93	37.369	0.59
122.65	3.8	1.86	37.385	0.57
122.7	3.4	1.65	37.4	0.5
122.75	3.7	2.42	37.415	0.74
122.8	3.35	2.26	37.43	0.69
122.85	3.18	2.32	37.446	0.71
122.9	4.09	2.64	37.461	0.8
122.95	3.54	2.43	37.476	0.74
123	3.27	1.95	37.491	0.59
123.05	3.64	1.03	37.507	0.31

US EPA ARCHIVE DOCUMENT

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	3.32	2.74	37.522	0.83
123.15	3.66	1.45	37.537	0.44
123.2	3.83	1.22	37.552	0.37
123.25	4.41	1.5	37.567	0.46
123.3	4.21	2.84	37.583	0.87
123.35	4.1	1.78	37.598	0.54
123.4	4.05	2.48	37.613	0.75
123.45	4.53	1.81	37.628	0.55
123.5	4.26	3.65	37.644	1.11
123.55	4.13	2.19	37.659	0.67
123.6	3.57	1.88	37.674	0.57
123.65	3.78	2.3	37.689	0.7
123.7	3.89	2.65	37.705	0.81
123.75	3.45	1.69	37.72	0.51
123.8	2.72	1.14	37.735	0.35
123.85	2.86	2.5	37.75	0.76
123.9	2.93	3.42	37.766	1.04
123.95	3.47	1.72	37.781	0.52
124	3.73	1.96	37.796	0.6
124.05	3.87	2.82	37.811	0.86
124.1	3.43	1.38	37.827	0.42
124.15	3.22	1.8	37.842	0.55
124.2	3.11	1.96	37.857	0.6
124.25	3.05	2.59	37.872	0.79
124.3	3.03	1.07	37.888	0.33
124.35	3.01	3.15	37.903	0.96
124.4	4.01	1.25	37.918	0.38
124.45	3.5	1.19	37.933	0.36
124.5	3.75	1.72	37.949	0.52
124.55	3.88	3.17	37.964	0.97
124.6	3.94	2.96	37.979	0.9
124.65	3.47	2.29	37.994	0.7
124.7	3.23	2.37	38.009	0.72
124.75	3.62	4.16	38.025	1.27
124.8	3.31	2.87	38.04	0.88
124.85	3.65	2.69	38.055	0.82
124.9	3.33	3.04	38.07	0.93
124.95	3.66	4.58	38.086	1.4
125	2.83	3.02	38.101	0.92
125.05	2.92	2.01	38.116	0.61
125.1	2.96	1.96	38.131	0.6
125.15	2.98	3.89	38.147	1.18
125.2	3.49	2.68	38.162	0.82
125.25	3.74	3.02	38.177	0.92
125.3	3.87	3.09	38.192	0.94
125.35	3.94	3.41	38.208	1.04
125.4	3.47	3.49	38.223	1.06
125.45	3.23	3.11	38.238	0.95
125.5	3.62	3.65	38.253	1.11
125.55	3.31	2.55	38.269	0.78
125.6	3.65	2.82	38.284	0.86
125.65	3.33	2.05	38.299	0.63
125.7	3.66	2.39	38.314	0.73
125.75	3.33	2.4	38.33	0.73
125.8	4.17	3.89	38.345	1.18
125.85	4.08	2.77	38.36	0.84
125.9	4.04	2.93	38.375	0.89
125.95	4.02	2.91	38.39	0.89
126	4.01	4.24	38.406	1.29
126.05	4.51	3.25	38.421	0.99
126.1	3.75	3.49	38.436	1.06
126.15	3.88	2.44	38.451	0.74

US EPA ARCHIVE DOCUMENT

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	3.44	3.19	38.467	0.97
126.25	2.72	3.5	38.482	1.07
126.3	2.86	2.55	38.497	0.78
126.35	3.43	2.41	38.512	0.73
126.4	4.21	3.03	38.528	0.92
126.45	4.11	2.91	38.543	0.89
126.5	5.05	2.43	38.558	0.74
126.55	4.53	2.16	38.573	0.66
126.6	3.76	1.78	38.589	0.54
126.65	3.38	2.65	38.604	0.81
126.7	3.19	4.46	38.619	1.36
126.75	3.6	2.38	38.634	0.72
126.8	3.3	1.53	38.65	0.47
126.85	3.15	1.57	38.665	0.48
126.9	3.57	3.08	38.68	0.94
126.95	3.29	2.38	38.695	0.73
127	3.64	2.39	38.711	0.73
127.05	3.82	2.76	38.726	0.84
127.1	3.91	2.94	38.741	0.9
127.15	3.96	1.91	38.756	0.58
127.2	3.98	3.24	38.772	0.99
127.25	3.49	2.68	38.787	0.82
127.3	3.24	1.52	38.802	0.46
127.35	3.12	2.19	38.817	0.67
127.4	3.06	3.74	38.832	1.14
127.45	3.53	2.02	38.848	0.62
127.5	3.77	1.56	38.863	0.47
127.55	3.88	1.77	38.878	0.54
127.6	3.94	1.6	38.893	0.49
127.65	3.47	3.96	38.909	1.21
127.7	3.74	1.59	38.924	0.49
127.75	3.87	2.28	38.939	0.69
127.8	3.93	1.94	38.954	0.59
127.85	3.97	4.12	38.97	1.26
127.9	3.98	2.67	38.985	0.81
127.95	3.49	1.86	39	0.57
128	2.75	1.81	39.015	0.55
128.05	2.87	2.7	39.031	0.82
128.1	3.94	2.39	39.046	0.73
128.15	3.47	1.78	39.061	0.54
128.2	3.73	1.93	39.076	0.59
128.25	2.87	0.48	39.092	0.15
128.3	3.43	1.66	39.107	0.51
128.35	3.72	1.15	39.122	0.35
128.4	3.86	1.8	39.137	0.55
128.45	3.93	0.78	39.153	0.24
128.5	3.96	1.47	39.168	0.45
128.55	3.98	1.31	39.183	0.4
128.6	3.49	2.28	39.198	0.69
128.65	3.75	1.71	39.214	0.52
128.7	2.87	2.72	39.229	0.83
128.75	3.44	1.38	39.244	0.42
128.8	3.72	1.13	39.259	0.34
128.85	3.86	1.76	39.274	0.54
128.9	3.43	3.38	39.29	1.03
128.95	3.71	2.84	39.305	0.86
129	3.36	2.25	39.32	0.69
129.05	3.18	1.75	39.335	0.53
129.1	2.59	2.55	39.351	0.78
129.15	3.29	2.42	39.366	0.74
129.2	3.15	4.32	39.381	1.32
129.25	3.07	1.79	39.396	0.55

US EPA ARCHIVE DOCUMENT

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	3.54	2.19	39.412	0.67
129.35	3.77	1.73	39.427	0.53
129.4	3.38	1.97	39.442	0.6
129.45	4.19	2.76	39.457	0.84
129.5	3.6	1.51	39.473	0.46
129.55	3.8	1.88	39.488	0.57
129.6	3.4	3.85	39.503	1.17
129.65	3.7	2	39.518	0.61
129.7	3.85	1.18	39.534	0.36
129.75	3.92	2.33	39.549	0.71
129.8	3.46	1.24	39.564	0.38
129.85	3.23	2.5	39.579	0.76
129.9	3.12	2	39.595	0.61
129.95	3.06	2.6	39.61	0.79
130	3.03	1.26	39.625	0.38
130.05	3.01	3.63	39.64	1.11
130.1	3.01	0.77	39.655	0.24
130.15	3	1.42	39.671	0.43
130.2	3.5	1.02	39.686	0.31
130.25	3.25	1.09	39.701	0.33
130.3	3.13	0.87	39.716	0.27
130.35	4.06	1.69	39.732	0.51
130.4	4.03	0.91	39.747	0.28
130.45	4.02	1.65	39.762	0.5
130.5	3.51	1.9	39.777	0.58
130.55	3.75	1.16	39.793	0.35
130.6	3.38	1.12	39.808	0.34
130.65	3.69	1.33	39.823	0.41
130.7	3.84	0.74	39.838	0.23
130.75	3.92	0.92	39.854	0.28
130.8	3.46	1.88	39.869	0.57
130.85	3.23	1.04	39.884	0.32
130.9	4.12	1.5	39.899	0.46
130.95	4.06	0.84	39.915	0.26
131	3.53	2.34	39.93	0.71
131.05	3.76	1.01	39.945	0.31
131.1	3.88	1.43	39.96	0.44
131.15	3.94	0.8	39.976	0.24
131.2	3.97	0.52	39.991	0.16
131.25	3.99	1.21	40.006	0.37
131.3	3.99	1.22	40.021	0.37
131.35	3.5	0.96	40.037	0.29
131.4	3.75	1.53	40.052	0.47
131.45	3.87	1.56	40.067	0.48
131.5	3.44	1.79	40.082	0.55
131.55	3.22	1.93	40.097	0.59
131.6	3.11	1.33	40.113	0.4
131.65	3.05	1.09	40.128	0.33
131.7	3.53	1.4	40.143	0.43
131.75	3.76	1.29	40.158	0.39
131.8	3.88	1.28	40.174	0.39
131.85	3.44	2.87	40.189	0.87
131.9	3.22	1.77	40.204	0.54
131.95	3.11	2.26	40.219	0.69
132	3.06	1.63	40.235	0.5
132.05	3.53	0.88	40.25	0.27
132.1	3.76	2.23	40.265	0.68
132.15	3.88	0.67	40.28	0.21
132.2	3.94	2.5	40.296	0.76
132.25	3.97	1.09	40.311	0.33
132.3	3.99	0.88	40.326	0.27
132.35	3.49	2.36	40.341	0.72

US EPA ARCHIVE DOCUMENT

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	3.25	1.91	40.357	0.58
132.45	6.62	1.76	40.372	0.54
132.5	5.31	1.58	40.387	0.48
132.55	4.66	1.22	40.402	0.37
132.6	4.33	1.33	40.418	0.41
132.65	4.16	1.06	40.433	0.32
132.7	4.08	0.98	40.448	0.3
132.75	3.54	1.45	40.463	0.44
132.8	3.27	1.08	40.479	0.33
132.85	3.64	3.82	40.494	1.16
132.9	3.82	2.12	40.509	0.64
132.95	3.91	0.86	40.524	0.26
133	4.45	1.5	40.539	0.46
133.05	4.23	3.35	40.555	1.02
133.1	3.61	1.43	40.57	0.44
133.15	4.31	1.13	40.585	0.34
133.2	4.15	2.44	40.6	0.74
133.25	4.08	1.69	40.616	0.51
133.3	4.04	1.48	40.631	0.45
133.35	4.02	0.91	40.646	0.28
133.4	3.51	1.11	40.661	0.34
133.45	3.75	0.46	40.677	0.14
133.5	3.88	1.32	40.692	0.4
133.55	3.44	0.61	40.707	0.19
133.6	3.22	1.51	40.722	0.46
133.65	4.11	1.62	40.738	0.49
133.7	3.55	2.03	40.753	0.62
133.75	4.28	1.36	40.768	0.41
133.8	3.64	1.69	40.783	0.51
133.85	3.82	1.4	40.799	0.43
133.9	3.91	2.53	40.814	0.77
133.95	3.95	0.77	40.829	0.23
134	3.98	1.34	40.844	0.41
134.05	3.99	1.09	40.86	0.33
134.1	3.99	2.04	40.875	0.62
134.15	4	1.36	40.89	0.41
134.2	4	3.12	40.905	0.95
134.25	4.5	1.37	40.92	0.42
134.3	4.75	1.45	40.936	0.44
134.35	4.37	1.39	40.951	0.42
134.4	4.19	1.74	40.966	0.53
134.45	3.59	2.29	40.981	0.7
134.5	3.8	0.97	40.997	0.3
134.55	3.9	1.11	41.012	0.34
134.6	3.95	1.43	41.027	0.43
134.65	3.97	1.35	41.042	0.41
134.7	3.49	0.66	41.058	0.2
134.75	3.74	1.35	41.073	0.41
134.8	3.87	1.04	41.088	0.32
134.85	3.94	1.84	41.103	0.56
134.9	3.47	1.4	41.119	0.43
134.95	3.73	1.61	41.134	0.49
135	3.37	1.29	41.149	0.39
135.05	3.68	2.78	41.164	0.85
135.1	3.84	0.6	41.18	0.18
135.15	3.92	1.22	41.195	0.37
135.2	4.46	1.6	41.21	0.49
135.25	4.23	1.13	41.225	0.34
135.3	4.12	1.09	41.241	0.33
135.35	4.06	1.86	41.256	0.57
135.4	4.03	0.65	41.271	0.2
135.45	4.01	0.76	41.286	0.23

US EPA ARCHIVE DOCUMENT

SB-39

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	4.51	0.69	41.302	0.21
135.55	4.25	1.47	41.317	0.45
135.6	4.13	2.04	41.332	0.62

US EPA ARCHIVE DOCUMENT

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 11:02

LOG END DEPTH: 86.401 FEET

LOG END TIME: Fri Jun 06 2008 13:31

US EPA ARCHIVE DOCUMENT

TS1-01

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	18	3.6	0	1.1
0.05	24	5.04	0.015	1.53
0.1	25.5	5.41	0.03	1.65
0.15	24.25	7.96	0.046	2.43
0.2	23.62	8.17	0.061	2.49
0.25	23.31	8.69	0.076	2.65
0.3	23.16	9.97	0.091	3.04
0.35	23.58	10.3	0.107	3.14
0.4	24.29	13.89	0.122	4.23
0.45	29.64	14.36	0.137	4.38
0.5	28.82	16.07	0.152	4.9
0.55	27.41	15.61	0.168	4.76
0.6	24.71	17.99	0.183	5.48
0.65	22.85	16.53	0.198	5.04
0.7	22.93	16.96	0.213	5.17
0.75	25.96	16.45	0.229	5.01
0.8	30.48	17.82	0.244	5.43
0.85	33.74	16.69	0.259	5.09
0.9	36.87	16.64	0.274	5.07
0.95	39.94	17.74	0.29	5.41
1	40.47	18.69	0.305	5.7
1.05	39.23	16.17	0.32	4.93
1.1	36.12	16.35	0.335	4.98
1.15	32.56	16.91	0.351	5.15
1.2	29.78	17.65	0.366	5.38
1.25	28.89	17.97	0.381	5.48
1.3	26.44	18.05	0.396	5.5
1.35	24.22	18.46	0.411	5.63
1.4	26.61	17.36	0.427	5.29
1.45	26.31	17.55	0.442	5.35
1.5	26.15	17.79	0.457	5.42
1.55	27.58	16.97	0.472	5.17
1.6	27.79	17.44	0.488	5.31
1.65	29.89	18.29	0.503	5.58
1.7	31.45	17.96	0.518	5.47
1.75	32.22	17.54	0.533	5.35
1.8	32.11	18.35	0.549	5.59
1.85	32.56	18.38	0.564	5.6
1.9	33.28	18.07	0.579	5.51
1.95	32.64	16.89	0.594	5.15
2	32.82	17.47	0.61	5.32
2.05	32.91	17.8	0.625	5.43
2.1	33.45	17.5	0.64	5.33

TS1-01

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.15	33.73	17.19	0.655	5.24
2.2	34.36	17.14	0.671	5.23
2.25	35.18	17.51	0.686	5.34
2.3	35.09	17.2	0.701	5.24
2.35	35.55	17.6	0.716	5.37
2.4	36.27	2.65	0.732	0.81
2.45	37.64	6.19	0.747	1.89
2.5	37.82	7.31	0.762	2.23
2.55	38.91	8.16	0.777	2.49
2.6	38.45	7.03	0.792	2.14
2.65	39.23	6.67	0.808	2.03
2.7	38.61	6.34	0.823	1.93
2.75	38.31	7.75	0.838	2.36
2.8	37.65	7.71	0.853	2.35
2.85	37.33	8.66	0.869	2.64
2.9	36.66	14.76	0.884	4.5
2.95	37.33	11.98	0.899	3.65
3	36.17	17.01	0.914	5.19
3.05	34.08	14.85	0.93	4.53
3.1	35.04	18.55	0.945	5.65
3.15	33.52	17.2	0.96	5.24
3.2	31.26	19.6	0.975	5.98
3.25	30.13	17.52	0.991	5.34
3.3	27.57	19.06	1.006	5.81
3.35	24.78	17.92	1.021	5.46
3.4	23.89	17.18	1.036	5.24
3.45	23.95	18.49	1.052	5.64
3.5	24.47	19.69	1.067	6
3.55	25.24	18.6	1.082	5.67
3.6	26.62	20.07	1.097	6.12
3.65	31.81	19.25	1.113	5.87
3.7	34.4	18.89	1.128	5.76
3.75	36.7	14.75	1.143	4.5
3.8	33.85	15.57	1.158	4.74
3.85	30.43	18.43	1.173	5.62
3.9	26.21	13.83	1.189	4.22
3.95	22.61	15.15	1.204	4.62
4	21.8	16.04	1.219	4.89
4.05	23.9	15.97	1.234	4.87
4.1	25.95	17.1	1.25	5.21
4.15	27.48	21.08	1.265	6.42
4.2	28.24	18.41	1.28	5.61
4.25	29.12	17.78	1.295	5.42
4.3	29.56	16.85	1.311	5.14
4.35	29.78	21.73	1.326	6.62
4.4	30.39	18.6	1.341	5.67
4.45	30.69	18.81	1.356	5.73
4.5	31.35	18.19	1.372	5.54
4.55	31.67	19.99	1.387	6.09
4.6	32.84	16.83	1.402	5.13
4.65	33.42	19.18	1.417	5.85
4.7	33.71	18.26	1.433	5.57
4.75	33.85	19.93	1.448	6.08
4.8	33.43	17.61	1.463	5.37
4.85	33.71	18.87	1.478	5.75
4.9	33.86	18.29	1.494	5.58
4.95	33.93	15.65	1.509	4.77
5	34.96	17.85	1.524	5.44
5.05	35.98	19.57	1.539	5.96
5.1	35.49	17.46	1.554	5.32
5.15	36.25	15.62	1.57	4.76

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5.2	36.62	16.73	1.585	5.1
5.25	36.81	16.59	1.6	5.06
5.3	36.91	16.95	1.615	5.17
5.35	36.95	17.39	1.631	5.3
5.4	35.48	17.82	1.646	5.43
5.45	34.24	17.18	1.661	5.24
5.5	33.12	13.2	1.676	4.02
5.55	32.06	10.03	1.692	3.06
5.6	31.53	11.28	1.707	3.44
5.65	30.76	11.5	1.722	3.51
5.7	30.38	13.62	1.737	4.15
5.75	30.19	12.58	1.753	3.84
5.8	30.1	10.26	1.768	3.13
5.85	30.05	9.31	1.783	2.84
5.9	30.52	8.76	1.798	2.67
5.95	30.76	12.9	1.814	3.93
6	32.88	14.37	1.829	4.38
6.05	33.44	14.76	1.844	4.5
6.1	33.22	17.4	1.859	5.3
6.15	32.11	17.39	1.875	5.3
6.2	31.56	18.34	1.89	5.59
6.25	30.78	16.22	1.905	4.94
6.3	30.39	17.05	1.92	5.2
6.35	30.69	17.11	1.935	5.22
6.4	31.85	16.66	1.951	5.08
6.45	32.92	17.73	1.966	5.4
6.5	33.46	17.86	1.981	5.44
6.55	34.23	18.36	1.996	5.6
6.6	33.62	18.27	2.012	5.57
6.65	32.81	18.6	2.027	5.67
6.7	31.4	19.05	2.042	5.8
6.75	30.7	18.58	2.057	5.66
6.8	30.35	18.82	2.073	5.74
6.85	30.68	18.13	2.088	5.53
6.9	30.34	18.9	2.103	5.76
6.95	29.17	19.56	2.118	5.96
7	28.58	19.17	2.134	5.84
7.05	27.79	18.74	2.149	5.71
7.1	27.9	19.43	2.164	5.92
7.15	28.45	19.44	2.179	5.93
7.2	29.22	19.11	2.195	5.82
7.25	30.11	18.9	2.21	5.76
7.3	30.06	18.93	2.225	5.77
7.35	29.53	18.67	2.24	5.69
7.4	29.76	1.99	2.256	0.61
7.45	30.38	7.41	2.271	2.26
7.5	30.69	9.01	2.286	2.75
7.55	30.85	10.33	2.301	3.15
7.6	30.42	14.47	2.316	4.41
7.65	30.71	16.13	2.332	4.92
7.7	30.86	14.69	2.347	4.48
7.75	30.93	14.06	2.362	4.29
7.8	30.96	18.75	2.377	5.72
7.85	30.48	16.84	2.393	5.13
7.9	30.24	18.84	2.408	5.74
7.95	29.62	17.39	2.423	5.3
8	29.31	21.85	2.438	6.66
8.05	30.16	18.05	2.454	5.5
8.1	30.58	22.76	2.469	6.94
8.15	31.29	20.9	2.484	6.37
8.2	30.64	20.08	2.499	6.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.25	29.82	22.01	2.515	6.71
8.3	29.91	23.63	2.53	7.2
8.35	29.96	20.38	2.545	6.21
8.4	30.98	19.45	2.56	5.93
8.45	31.99	21.24	2.576	6.47
8.5	32.49	22.64	2.591	6.9
8.55	32.25	20.61	2.606	6.28
8.6	31.12	20.36	2.621	6.21
8.65	30.56	18.7	2.637	5.7
8.7	30.78	18.94	2.652	5.77
8.75	30.89	19.03	2.667	5.8
8.8	30.45	21.08	2.682	6.43
8.85	29.72	18.02	2.697	5.49
8.9	28.86	21.28	2.713	6.49
8.95	28.43	19.81	2.728	6.04
9	27.72	18.48	2.743	5.63
9.05	28.36	17.67	2.758	5.39
9.1	28.68	18.67	2.774	5.69
9.15	29.34	18.87	2.789	5.75
9.2	29.67	19.84	2.804	6.05
9.25	29.83	19.57	2.819	5.97
9.3	29.92	18.84	2.835	5.74
9.35	29.96	23.46	2.85	7.15
9.4	29.98	19.64	2.865	5.99
9.45	30.49	19.1	2.88	5.82
9.5	31.24	20.36	2.896	6.2
9.55	31.62	23.13	2.911	7.05
9.6	31.31	20.05	2.926	6.11
9.65	31.66	20.78	2.941	6.33
9.7	30.83	21.4	2.957	6.52
9.75	30.91	18.77	2.972	5.72
9.8	31.96	20.01	2.987	6.1
9.85	33.48	20.73	3.002	6.32
9.9	35.24	20.2	3.018	6.16
9.95	35.12	20.13	3.033	6.13
10	33.56	18.01	3.048	5.49
10.05	32.28	20.5	3.063	6.25
10.1	31.64	19.72	3.078	6.01
10.15	29.32	16.54	3.094	5.04
10.2	27.66	18.87	3.109	5.75
10.25	26.83	19.09	3.124	5.82
10.3	25.91	18.67	3.139	5.69
10.35	26.46	18.76	3.155	5.72
10.4	26.73	19.04	3.17	5.8
10.45	27.36	18.42	3.185	5.61
10.5	28.68	20.67	3.2	6.3
10.55	28.34	19.15	3.216	5.84
10.6	28.17	20.62	3.231	6.29
10.65	28.09	18.61	3.246	5.67
10.7	28.54	18.99	3.261	5.79
10.75	28.27	19.39	3.277	5.91
10.8	28.14	19.92	3.292	6.07
10.85	28.07	19.68	3.307	6
10.9	28.03	20.13	3.322	6.13
10.95	27.02	20.48	3.338	6.24
11	27.01	20.22	3.353	6.16
11.05	26	19.27	3.368	5.87
11.1	25.5	20.53	3.383	6.26
11.15	25.75	20.2	3.399	6.16
11.2	25.88	20.49	3.414	6.25
11.25	26.44	19.95	3.429	6.08

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11.3	26.22	18.41	3.444	5.61
11.35	26.61	18.48	3.459	5.63
11.4	27.3	17.82	3.475	5.43
11.45	27.15	18.78	3.49	5.72
11.5	27.08	18.44	3.505	5.62
11.55	26.54	19.17	3.52	5.84
11.6	26.77	18.89	3.536	5.76
11.65	26.88	19.1	3.551	5.82
11.7	27.94	18.99	3.566	5.79
11.75	28.47	19.14	3.581	5.83
11.8	29.24	18.79	3.597	5.73
11.85	29.12	18.97	3.612	5.78
11.9	28.56	19.04	3.627	5.8
11.95	27.78	18.65	3.642	5.68
12	27.39	18.65	3.658	5.68
12.05	26.69	18.73	3.673	5.71
12.1	26.35	18.96	3.688	5.78
12.15	26.67	19.56	3.703	5.96
12.2	26.34	18.98	3.719	5.79
12.25	26.17	19.36	3.734	5.9
12.3	26.08	18.93	3.749	5.77
12.35	26.04	18.97	3.764	5.78
12.4	26.02	19.33	3.78	5.89
12.45	26.01	3.04	3.795	0.93
12.5	26.51	6.74	3.81	2.05
12.55	27.75	7.8	3.825	2.38
12.6	27.88	10.16	3.84	3.1
12.65	26.94	10.73	3.856	3.27
12.7	26.47	14.34	3.871	4.37
12.75	27.23	13.13	3.886	4
12.8	28.12	15.53	3.901	4.73
12.85	29.56	16.03	3.917	4.88
12.9	30.28	13.61	3.932	4.15
12.95	30.14	17.76	3.947	5.41
13	30.57	13.5	3.962	4.11
13.05	30.28	15.41	3.978	4.7
13.1	29.14	14.05	3.993	4.28
13.15	28.07	15.81	4.008	4.82
13.2	28.54	16.58	4.023	5.05
13.25	28.27	15.55	4.039	4.74
13.3	27.63	19.89	4.054	6.06
13.35	27.82	16.26	4.069	4.96
13.4	28.41	15.11	4.084	4.61
13.45	28.2	18.52	4.1	5.65
13.5	28.1	16.69	4.115	5.09
13.55	28.05	17.3	4.13	5.27
13.6	28.53	19.11	4.145	5.83
13.65	28.76	16.47	4.161	5.02
13.7	28.38	21.21	4.176	6.47
13.75	28.69	18.18	4.191	5.54
13.8	28.35	18.42	4.206	5.62
13.85	28.17	19.64	4.221	5.99
13.9	28.09	18.55	4.237	5.65
13.95	28.54	18.8	4.252	5.73
14	28.27	21.33	4.267	6.5
14.05	28.14	19.93	4.282	6.07
14.1	28.57	21.23	4.298	6.47
14.15	28.28	18.77	4.313	5.72
14.2	28.64	19.25	4.328	5.87
14.25	28.32	18.37	4.343	5.6
14.3	28.16	17.63	4.359	5.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.35	28.58	18.46	4.374	5.63
14.4	28.29	19.37	4.389	5.9
14.45	28.15	19.39	4.404	5.91
14.5	27.57	19.94	4.42	6.08
14.55	27.79	23.25	4.435	7.09
14.6	27.39	18.4	4.45	5.61
14.65	27.7	20.83	4.465	6.35
14.7	28.35	19.3	4.481	5.88
14.75	28.17	20.3	4.496	6.19
14.8	28.09	19.6	4.511	5.97
14.85	28.04	21.43	4.526	6.53
14.9	28.52	19.37	4.542	5.9
14.95	38.76	22.29	4.557	6.79
15	33.88	19.6	4.572	5.97
15.05	30.94	19.34	4.587	5.89
15.1	29.47	20.12	4.602	6.13
15.15	28.24	18.51	4.618	5.64
15.2	27.62	20.21	4.633	6.16
15.25	28.31	20.17	4.648	6.15
15.3	28.15	20.51	4.663	6.25
15.35	27.58	18.9	4.679	5.76
15.4	27.79	17.8	4.694	5.43
15.45	27.89	20.2	4.709	6.16
15.5	27.45	18.2	4.724	5.55
15.55	27.22	17.25	4.74	5.26
15.6	27.11	18.81	4.755	5.73
15.65	26.56	19.24	4.77	5.86
15.7	26.28	19.39	4.785	5.91
15.75	26.14	18.98	4.801	5.79
15.8	26.57	18.7	4.816	5.7
15.85	26.78	19.71	4.831	6.01
15.9	26.39	19.76	4.846	6.02
15.95	26.2	18.69	4.862	5.7
16	26.1	20.13	4.877	6.13
16.05	26.55	19.21	4.892	5.85
16.1	26.27	18.59	4.907	5.66
16.15	26.14	19.42	4.923	5.92
16.2	26.07	20.46	4.938	6.24
16.25	26.03	20.04	4.953	6.11
16.3	26.02	20.42	4.968	6.22
16.35	26.01	20.16	4.983	6.15
16.4	26	20.13	4.999	6.14
16.45	26	19.53	5.014	5.95
16.5	25.5	19.55	5.029	5.96
16.55	25.25	18.65	5.044	5.68
16.6	25.63	20.64	5.06	6.29
16.65	24.81	18.5	5.075	5.64
16.7	25.41	18.85	5.09	5.75
16.75	25.7	19.3	5.105	5.88
16.8	25.35	18.52	5.121	5.64
16.85	25.68	18.35	5.136	5.59
16.9	25.34	18.83	5.151	5.74
16.95	25.17	19.26	5.166	5.87
17	25.08	18.92	5.182	5.77
17.05	25.54	18.86	5.197	5.75
17.1	24.77	19.13	5.212	5.83
17.15	24.89	19.13	5.227	5.83
17.2	25.44	18.84	5.243	5.74
17.25	24.72	19.6	5.258	5.97
17.3	24.36	18.79	5.273	5.73
17.35	24.18	18.75	5.288	5.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.4	23.59	17.54	5.304	5.35
17.45	23.3	2.09	5.319	0.64
17.5	23.65	5.36	5.334	1.63
17.55	23.32	6.1	5.349	1.86
17.6	23.16	7.15	5.364	2.18
17.65	22.58	9.22	5.38	2.81
17.7	22.79	9.13	5.395	2.78
17.75	22.9	6.18	5.41	1.88
17.8	22.95	9.36	5.425	2.85
17.85	22.97	6.78	5.441	2.07
17.9	22.99	10.34	5.456	3.15
17.95	22.99	8.17	5.471	2.49
18	23	7.13	5.486	2.17
18.05	23.5	12.88	5.502	3.92
18.1	23.25	12.03	5.517	3.67
18.15	23.12	11.93	5.532	3.64
18.2	23.06	13.15	5.547	4.01
18.25	23.03	15.61	5.563	4.76
18.3	22.52	15.42	5.578	4.7
18.35	22.26	16.17	5.593	4.93
18.4	22.63	17.23	5.608	5.25
18.45	22.31	17.18	5.624	5.24
18.5	22.66	23.13	5.639	7.05
18.55	22.83	19.61	5.654	5.98
18.6	22.91	21.01	5.669	6.4
18.65	23.46	19.4	5.685	5.91
18.7	24.73	21.12	5.7	6.44
18.75	24.86	19.52	5.715	5.95
18.8	24.93	22.11	5.73	6.74
18.85	24.97	20.67	5.745	6.3
18.9	24.98	23.9	5.761	7.29
18.95	24.49	20.75	5.776	6.33
19	24.25	20.01	5.791	6.1
19.05	24.62	20.67	5.806	6.3
19.1	25.81	23.79	5.822	7.25
19.15	25.91	20.46	5.837	6.24
19.2	25.45	19.09	5.852	5.82
19.25	24.73	18.75	5.867	5.71
19.3	24.36	17.79	5.883	5.42
19.35	24.18	18.61	5.898	5.67
19.4	25.09	18.9	5.913	5.76
19.45	26.05	19.15	5.928	5.84
19.5	26.52	18.97	5.944	5.78
19.55	27.76	20.11	5.959	6.13
19.6	27.38	18.68	5.974	5.69
19.65	27.19	18.35	5.989	5.59
19.7	26.6	19.31	6.005	5.88
19.75	25.8	22.58	6.02	6.88
19.8	24.4	19.2	6.035	5.85
19.85	24.2	19.76	6.05	6.02
19.9	24.1	19.28	6.066	5.88
19.95	24.55	22.66	6.081	6.91
20	25.27	19.93	6.096	6.08
20.05	26.14	19.61	6.111	5.98
20.1	26.07	20.69	6.126	6.31
20.15	24.53	20.41	6.142	6.22
20.2	23.27	20.47	6.157	6.24
20.25	23.13	21.36	6.172	6.51
20.3	23.07	19.34	6.187	5.9
20.35	24.03	20.95	6.203	6.39
20.4	24.02	18.89	6.218	5.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.45	24.01	17.21	6.233	5.25
20.5	24	19.21	6.248	5.86
20.55	23.5	16.7	6.264	5.09
20.6	23.25	19.72	6.279	6.01
20.65	23.13	18.96	6.294	5.78
20.7	23.56	18.54	6.309	5.65
20.75	23.78	18.85	6.325	5.75
20.8	24.39	19.47	6.34	5.93
20.85	23.7	19.09	6.355	5.82
20.9	23.35	18.88	6.37	5.75
20.95	22.67	18.66	6.386	5.69
21	22.34	19.89	6.401	6.06
21.05	22.67	19.07	6.416	5.81
21.1	23.33	19.22	6.431	5.86
21.15	23.17	19.34	6.447	5.89
21.2	23.58	20.6	6.462	6.28
21.25	23.29	19.46	6.477	5.93
21.3	22.65	19.49	6.492	5.94
21.35	22.32	20.17	6.507	6.15
21.4	22.16	20.34	6.523	6.2
21.45	21.58	19.42	6.538	5.92
21.5	20.79	19.02	6.553	5.8
21.55	21.9	19.34	6.568	5.89
21.6	22.95	19.45	6.584	5.93
21.65	24.47	18.94	6.599	5.77
21.7	29.74	18.26	6.614	5.57
21.75	29.87	18.51	6.629	5.64
21.8	29.93	18.42	6.645	5.62
21.85	29.47	18.78	6.66	5.73
21.9	29.23	19.06	6.675	5.81
21.95	31.12	18.85	6.69	5.75
22	27.56	18.05	6.706	5.5
22.05	25.28	18.67	6.721	5.69
22.1	25.64	17.94	6.736	5.47
22.15	24.82	16.95	6.751	5.17
22.2	24.91	16.72	6.767	5.1
22.25	24.95	16.89	6.782	5.15
22.3	24.48	16.62	6.797	5.07
22.35	26.74	14.36	6.812	4.38
22.4	26.87	0	6.828	0
22.45	26.93	4.27	6.843	1.3
22.5	27.97	5.22	6.858	1.59
22.55	27.48	6.08	6.873	1.85
22.6	27.24	7.55	6.888	2.3
22.65	30.62	9.88	6.904	3.01
22.7	32.81	10.91	6.919	3.33
22.75	36.41	15.03	6.934	4.58
22.8	36.2	14.86	6.949	4.53
22.85	32.6	16.58	6.965	5.05
22.9	31.3	13.63	6.98	4.15
22.95	30.65	14.71	6.995	4.48
23	30.83	16.2	7.01	4.94
23.05	30.91	19.48	7.026	5.94
23.1	31.46	14.58	7.041	4.44
23.15	33.23	14.23	7.056	4.34
23.2	32.11	15.05	7.071	4.59
23.25	30.56	14.52	7.087	4.43
23.3	32.28	18.33	7.102	5.59
23.35	40.14	16.78	7.117	5.11
23.4	46.57	16.24	7.132	4.95
23.45	48.28	15.47	7.148	4.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.5	50.64	15.88	7.163	4.84
23.55	44.32	15.31	7.178	4.67
23.6	34.66	15.19	7.193	4.63
23.65	29.33	14.54	7.208	4.43
23.7	28.17	18.25	7.224	5.56
23.75	27.08	15.29	7.239	4.66
23.8	25.54	16.22	7.254	4.94
23.85	26.77	16.15	7.269	4.92
23.9	26.89	15.16	7.285	4.62
23.95	26.94	14.54	7.3	4.43
24	26.97	15.6	7.315	4.75
24.05	29.49	14.88	7.33	4.54
24.1	30.24	15.97	7.346	4.87
24.15	29.62	15.69	7.361	4.78
24.2	29.31	12.86	7.376	3.92
24.25	29.66	15.07	7.391	4.59
24.3	29.83	15.8	7.407	4.82
24.35	31.91	14.86	7.422	4.53
24.4	35.46	12.46	7.437	3.8
24.45	36.23	11.86	7.452	3.61
24.5	34.61	11.68	7.468	3.56
24.55	33.81	12.49	7.483	3.81
24.6	31.9	12.39	7.498	3.78
24.65	30.45	12.67	7.513	3.86
24.7	30.23	13.02	7.529	3.97
24.75	31.11	15.96	7.544	4.86
24.8	31.06	14.39	7.559	4.39
24.85	30.03	13.87	7.574	4.23
24.9	28.51	14.38	7.589	4.38
24.95	27.26	16.19	7.605	4.93
25	27.13	14.38	7.62	4.38
25.05	27.06	15.78	7.635	4.81
25.1	27.03	15.71	7.65	4.79
25.15	27.52	17.54	7.666	5.35
25.2	28.26	15.05	7.681	4.59
25.25	29.63	17.41	7.696	5.31
25.3	31.31	15.51	7.711	4.73
25.35	30.16	15.21	7.727	4.64
25.4	28.08	16.16	7.742	4.93
25.45	25.04	18.07	7.757	5.51
25.5	23.52	16.19	7.772	4.94
25.55	23.26	15.73	7.788	4.79
25.6	24.13	18.23	7.803	5.56
25.65	24.06	19	7.818	5.79
25.7	23.53	17.68	7.833	5.39
25.75	22.27	15.7	7.849	4.79
25.8	21.63	14.68	7.864	4.47
25.85	21.32	16.26	7.879	4.95
25.9	21.16	15.67	7.894	4.78
25.95	22.08	15.22	7.91	4.64
26	22.54	15.99	7.925	4.87
26.05	23.77	14.42	7.94	4.4
26.1	23.88	15.17	7.955	4.62
26.15	24.44	14.9	7.97	4.54
26.2	24.72	15.13	7.986	4.61
26.25	24.36	15.57	8.001	4.75
26.3	23.68	16.22	8.016	4.94
26.35	23.34	16.3	8.031	4.97
26.4	23.17	16.35	8.047	4.98
26.45	22.59	16.02	8.062	4.88
26.5	22.79	15.73	8.077	4.79

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26.55	22.9	15.63	8.092	4.76
26.6	22.45	16.46	8.108	5.02
26.65	22.22	15.41	8.123	4.7
26.7	22.11	14.59	8.138	4.45
26.75	22.06	15.56	8.153	4.74
26.8	22.03	15.65	8.169	4.77
26.85	22.51	14.68	8.184	4.47
26.9	22.76	15.49	8.199	4.72
26.95	23.38	14.5	8.214	4.42
27	23.69	13.89	8.23	4.23
27.05	23.84	13.87	8.245	4.23
27.1	23.92	13.57	8.26	4.14
27.15	23.96	14.38	8.275	4.38
27.2	23.98	14.55	8.291	4.43
27.25	24.99	14.57	8.306	4.44
27.3	25.5	14.47	8.321	4.41
27.35	25.25	12.89	8.336	3.93
27.4	25.12	10.78	8.351	3.29
27.45	24.56	5.18	8.367	1.58
27.5	24.28	4.92	8.382	1.5
27.55	23.64	5.24	8.397	1.6
27.6	23.32	6.83	8.412	2.08
27.65	23.16	6.22	8.428	1.9
27.7	22.58	9.44	8.443	2.88
27.75	22.79	7.13	8.458	2.17
27.8	22.9	8.97	8.473	2.73
27.85	22.95	14.81	8.489	4.51
27.9	22.97	10.4	8.504	3.17
27.95	22.99	15.58	8.519	4.75
28	22.99	15.8	8.534	4.81
28.05	23	11.8	8.55	3.6
28.1	22.5	12.82	8.565	3.91
28.15	22.75	15.33	8.58	4.67
28.2	22.87	14.84	8.595	4.52
28.25	22.94	13.11	8.611	4
28.3	22.97	12.31	8.626	3.75
28.35	22.98	13.69	8.641	4.17
28.4	22.99	14.23	8.656	4.34
28.45	22.5	13.32	8.672	4.06
28.5	22.25	15.41	8.687	4.7
28.55	22.62	13.47	8.702	4.11
28.6	22.31	13.61	8.717	4.15
28.65	22.16	13.07	8.732	3.98
28.7	22.08	16.54	8.748	5.04
28.75	22.54	14.88	8.763	4.53
28.8	23.27	14.13	8.778	4.31
28.85	23.13	14.85	8.793	4.53
28.9	23.07	15.69	8.809	4.78
28.95	23.03	14.42	8.824	4.4
29	23.52	15.02	8.839	4.58
29.05	23.76	13.74	8.854	4.19
29.1	22.88	13.37	8.87	4.08
29.15	22.94	12.3	8.885	3.75
29.2	22.47	12.3	8.9	3.75
29.25	21.73	11.83	8.915	3.61
29.3	21.87	10.36	8.931	3.16
29.35	21.93	11.25	8.946	3.43
29.4	21.47	10.52	8.961	3.21
29.45	21.73	10.12	8.976	3.08
29.5	22.37	9.39	8.992	2.86
29.55	22.18	10.3	9.007	3.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
29.6	22.59	10	9.022	3.05
29.65	22.3	9.5	9.037	2.9
29.7	22.15	10.14	9.053	3.09
29.75	22.57	9.83	9.068	3
29.8	22.79	10.12	9.083	3.08
29.85	22.89	10.24	9.098	3.12
29.9	22.95	9.32	9.113	2.84
29.95	22.97	9.33	9.129	2.84
30	23.49	9.04	9.144	2.76
30.05	23.74	10.13	9.159	3.09
30.1	23.87	10.63	9.174	3.24
30.15	24.44	10.33	9.19	3.15
30.2	23.72	9.06	9.205	2.76
30.25	23.86	9.25	9.22	2.82
30.3	24.43	8.81	9.235	2.68
30.35	24.71	10.23	9.251	3.12
30.4	25.36	9.35	9.266	2.85
30.45	26.18	10.13	9.281	3.09
30.5	26.09	8.44	9.296	2.57
30.55	26.04	7.5	9.312	2.29
30.6	26.02	7.8	9.327	2.38
30.65	25.01	7.75	9.342	2.36
30.7	25.01	7.98	9.357	2.43
30.75	25.5	8.23	9.373	2.51
30.8	26.75	8.13	9.388	2.48
30.85	27.38	8.13	9.403	2.48
30.9	28.19	8.25	9.418	2.51
30.95	29.59	8.32	9.434	2.53
31	30.3	8	9.449	2.44
31.05	31.15	8.4	9.464	2.56
31.1	32.07	7.88	9.479	2.4
31.15	33.04	6.9	9.494	2.1
31.2	33.02	8.05	9.51	2.45
31.25	33.01	8.51	9.525	2.59
31.3	33	8.36	9.54	2.55
31.35	32.5	9.55	9.555	2.91
31.4	33.25	10.58	9.571	3.23
31.45	33.63	9.48	9.586	2.89
31.5	35.31	9.54	9.601	2.91
31.55	36.66	9.25	9.616	2.82
31.6	37.83	9.78	9.632	2.98
31.65	32.91	9.15	9.647	2.79
31.7	24.96	8.99	9.662	2.74
31.75	22.98	9.58	9.677	2.92
31.8	25.99	8.04	9.693	2.45
31.85	27.99	9.09	9.708	2.77
31.9	27.5	9.05	9.723	2.76
31.95	27.25	8.67	9.738	2.64
32	28.12	7.42	9.754	2.26
32.05	28.56	7.09	9.769	2.16
32.1	28.28	8.14	9.784	2.48
32.15	27.64	7.11	9.799	2.17
32.2	26.82	7.17	9.814	2.18
32.25	25.91	7.13	9.83	2.17
32.3	25.96	7.45	9.845	2.27
32.35	26.98	7.1	9.86	2.16
32.4	29.99	0	9.875	0
32.45	31.49	2.46	9.891	0.75
32.5	32.75	0.45	9.906	0.14
32.55	34.37	4.75	9.921	1.45
32.6	35.19	4.54	9.936	1.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
32.65	35.59	4.34	9.952	1.32
32.7	34.3	6.64	9.967	2.02
32.75	33.65	6.63	9.982	2.02
32.8	34.32	5.45	9.997	1.66
32.85	34.16	4.47	10.013	1.36
32.9	35.58	4.04	10.028	1.23
32.95	35.29	7.35	10.043	2.24
33	34.65	9.97	10.058	3.04
33.05	35.32	10.82	10.074	3.3
33.1	35.16	8.99	10.089	2.74
33.15	34.58	9.6	10.104	2.93
33.2	34.79	8.41	10.119	2.56
33.25	34.9	6.91	10.135	2.11
33.3	34.95	11.76	10.15	3.59
33.35	34.97	11.07	10.165	3.37
33.4	35.49	9.33	10.18	2.84
33.45	36.24	9.63	10.195	2.94
33.5	37.12	9.32	10.211	2.84
33.55	39.06	10.44	10.226	3.18
33.6	39.03	9.41	10.241	2.87
33.65	38.02	9.8	10.256	2.99
33.7	36.51	10.48	10.272	3.19
33.75	35.75	9.8	10.287	2.99
33.8	34.88	10.01	10.302	3.05
33.85	33.94	9.88	10.317	3.01
33.9	33.47	12	10.333	3.66
33.95	33.23	10.8	10.348	3.29
34	34.12	11.64	10.363	3.55
34.05	35.56	10.55	10.378	3.21
34.1	36.78	12.92	10.394	3.94
34.15	36.89	11.44	10.409	3.49
34.2	37.44	10.66	10.424	3.25
34.25	38.22	11.27	10.439	3.43
34.3	38.61	11	10.455	3.35
34.35	38.31	10.69	10.47	3.26
34.4	39.15	10.48	10.485	3.19
34.45	39.08	9.81	10.5	2.99
34.5	39.54	10.5	10.516	3.2
34.55	40.27	9.24	10.531	2.82
34.6	39.13	10.2	10.546	3.11
34.65	39.57	9.81	10.561	2.99
34.7	37.28	9.83	10.576	2.99
34.75	35.14	9.12	10.592	2.78
34.8	34.57	10.13	10.607	3.09
34.85	34.79	9.82	10.622	2.99
34.9	33.89	9.97	10.637	3.04
34.95	33.45	10.89	10.653	3.32
35	34.72	10.27	10.668	3.13
35.05	35.86	9.56	10.683	2.91
35.1	36.43	9.6	10.698	2.93
35.15	38.72	9.16	10.714	2.79
35.2	41.36	9.64	10.729	2.94
35.25	43.18	10.88	10.744	3.32
35.3	46.59	9.62	10.759	2.93
35.35	47.29	9.15	10.775	2.79
35.4	48.15	8.41	10.79	2.56
35.45	47.57	8.24	10.805	2.51
35.5	46.29	8.54	10.82	2.6
35.55	47.14	8.13	10.836	2.48
35.6	46.57	9.09	10.851	2.77
35.65	46.79	8.18	10.866	2.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
35.7	46.39	8.02	10.881	2.44
35.75	48.2	6.59	10.897	2.01
35.8	48.6	7.29	10.912	2.22
35.85	48.8	7	10.927	2.13
35.9	50.4	6.5	10.942	1.98
35.95	51.7	7.28	10.957	2.22
36	53.35	6.86	10.973	2.09
36.05	54.67	6.69	10.988	2.04
36.1	53.84	6.18	11.003	1.88
36.15	52.92	7.4	11.018	2.26
36.2	48.46	7.06	11.034	2.15
36.25	45.23	7.42	11.049	2.26
36.3	47.61	6.05	11.064	1.84
36.35	49.31	6.12	11.079	1.87
36.4	51.15	5.92	11.095	1.8
36.45	55.08	7	11.11	2.13
36.5	53.54	5.97	11.125	1.82
36.55	48.27	6.62	11.14	2.02
36.6	42.13	5.58	11.156	1.7
36.65	38.07	5.18	11.171	1.58
36.7	38.53	5.22	11.186	1.59
36.75	39.77	4.2	11.201	1.28
36.8	41.38	4.93	11.217	1.5
36.85	42.19	5.37	11.232	1.64
36.9	42.1	4.71	11.247	1.44
36.95	41.05	4.62	11.262	1.41
37	40.02	5.37	11.278	1.64
37.05	40.01	4.93	11.293	1.5
37.1	38.01	5.45	11.308	1.66
37.15	38.5	4.19	11.323	1.28
37.2	38.25	4.85	11.338	1.48
37.25	38.63	5.17	11.354	1.57
37.3	39.31	6.28	11.369	1.91
37.35	41.16	5.79	11.384	1.77
37.4	35.58	0	11.399	0
37.45	33.29	9.37	11.415	2.85
37.5	28.14	5.95	11.43	1.81
37.55	23.07	5.04	11.445	1.54
37.6	20.04	5.56	11.46	1.7
37.65	19.02	7.72	11.476	2.35
37.7	19.01	5.76	11.491	1.76
37.75	20.5	7.88	11.506	2.4
37.8	20.75	5.71	11.521	1.74
37.85	19.88	7.18	11.537	2.19
37.9	20.44	7.29	11.552	2.22
37.95	20.72	8.25	11.567	2.52
38	20.36	7.86	11.582	2.39
38.05	21.68	7.45	11.598	2.27
38.1	23.34	8.15	11.613	2.48
38.15	24.17	6.71	11.628	2.05
38.2	25.08	6.34	11.643	1.93
38.25	25.54	5.81	11.659	1.77
38.3	26.27	6.81	11.674	2.08
38.35	26.64	5.8	11.689	1.77
38.4	28.32	5.19	11.704	1.58
38.45	30.16	3.96	11.719	1.21
38.5	31.58	5.16	11.735	1.57
38.55	31.79	4.62	11.75	1.41
38.6	32.89	4.66	11.765	1.42
38.65	33.45	4.92	11.78	1.5
38.7	35.72	5.68	11.796	1.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
38.75	36.36	5.11	11.811	1.56
38.8	37.68	5.74	11.826	1.75
38.85	39.34	4.47	11.841	1.36
38.9	39.67	9.79	11.857	2.98
38.95	39.34	5.31	11.872	1.62
39	39.67	6.22	11.887	1.9
39.05	40.33	5.96	11.902	1.82
39.1	42.17	6.13	11.918	1.87
39.15	44.08	6.23	11.933	1.9
39.2	44.54	5.51	11.948	1.68
39.25	45.77	6.02	11.963	1.83
39.3	47.39	6.38	11.979	1.94
39.35	49.19	7.85	11.994	2.39
39.4	49.1	6.91	12.009	2.11
39.45	49.55	5.51	12.024	1.68
39.5	49.77	4.9	12.04	1.49
39.55	51.39	6.06	12.055	1.85
39.6	49.19	3.8	12.07	1.16
39.65	49.1	5.37	12.085	1.64
39.7	48.05	5.61	12.1	1.71
39.75	45.52	4.86	12.116	1.48
39.8	45.76	4.3	12.131	1.31
39.85	46.38	4.42	12.146	1.35
39.9	45.69	4.73	12.161	1.44
39.95	45.85	5.05	12.177	1.54
40	46.92	4.95	12.192	1.51
40.05	47.46	5.54	12.207	1.69
40.1	47.73	5.32	12.222	1.62
40.15	47.87	5	12.238	1.52
40.2	46.93	5.57	12.253	1.7
40.25	45.47	4.79	12.268	1.46
40.3	44.23	5.57	12.283	1.7
40.35	44.62	5.02	12.299	1.53
40.4	44.31	5.54	12.314	1.69
40.45	44.15	6.11	12.329	1.86
40.5	43.58	5.71	12.344	1.74
40.55	42.29	5.03	12.36	1.53
40.6	41.14	5.28	12.375	1.61
40.65	41.07	7.3	12.39	2.23
40.7	42.04	7.35	12.405	2.24
40.75	40.02	6.14	12.42	1.87
40.8	39.51	5.98	12.436	1.82
40.85	39.25	5.33	12.451	1.63
40.9	39.13	7.19	12.466	2.19
40.95	39.06	6.19	12.481	1.89
41	39.03	6.46	12.497	1.97
41.05	39.02	6.31	12.512	1.92
41.1	38.01	6.13	12.527	1.87
41.15	37	6.32	12.542	1.93
41.2	36.5	6.57	12.558	2
41.25	36.25	7.1	12.573	2.16
41.3	36.13	7.77	12.588	2.37
41.35	36.56	7.36	12.603	2.24
41.4	35.28	6.87	12.619	2.1
41.45	34.14	5.52	12.634	1.68
41.5	32.57	6.32	12.649	1.93
41.55	32.29	6.66	12.664	2.03
41.6	32.64	6	12.68	1.83
41.65	33.32	6.14	12.695	1.87
41.7	33.66	6.32	12.71	1.93
41.75	32.83	6.24	12.725	1.9

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
41.8	32.92	7.77	12.741	2.37
41.85	32.96	7.83	12.756	2.39
41.9	33.48	7.51	12.771	2.29
41.95	33.24	7.83	12.786	2.39
42	32.12	7.23	12.801	2.21
42.05	32.06	7.94	12.817	2.42
42.1	32.03	8.43	12.832	2.57
42.15	32.51	8.52	12.847	2.6
42.2	31.76	7.81	12.862	2.38
42.25	31.88	8.25	12.878	2.51
42.3	32.44	7.53	12.893	2.3
42.35	31.72	6.97	12.908	2.12
42.4	30.86	1.23	12.923	0.38
42.45	30.43	2.77	12.939	0.85
42.5	29.21	3.35	12.954	1.02
42.55	29.11	2.94	12.969	0.9
42.6	30.05	3.32	12.984	1.01
42.65	29.03	5.39	13	1.64
42.7	29.51	4.11	13.015	1.25
42.75	30.76	4.81	13.03	1.47
42.8	31.38	4.95	13.045	1.51
42.85	31.19	5.91	13.061	1.8
42.9	31.09	5.87	13.076	1.79
42.95	31.05	6.79	13.091	2.07
43	31.02	5.22	13.106	1.59
43.05	30.51	5.49	13.122	1.67
43.1	30.76	5.06	13.137	1.54
43.15	30.38	6.15	13.152	1.88
43.2	29.69	5.5	13.167	1.68
43.25	29.34	10.63	13.182	3.24
43.3	28.17	8.93	13.198	2.72
43.35	27.59	6.31	13.213	1.92
43.4	26.29	6.05	13.228	1.84
43.45	26.15	6.27	13.243	1.91
43.5	26.07	7.28	13.259	2.22
43.55	26.04	6.21	13.274	1.89
43.6	26.52	5.71	13.289	1.74
43.65	26.76	1.71	13.304	0.52
43.7	26.88	3.59	13.32	1.1
43.75	25.44	3.19	13.335	0.97
43.8	24.72	3.9	13.35	1.19
43.85	23.86	4.18	13.365	1.28
43.9	23.93	4.58	13.381	1.4
43.95	23.96	3.96	13.396	1.21
44	23.98	5.89	13.411	1.8
44.05	23.49	1.38	13.426	0.42
44.1	23.25	4.32	13.442	1.32
44.15	23.12	5.28	13.457	1.61
44.2	23.56	5.41	13.472	1.65
44.25	23.28	5.92	13.487	1.8
44.3	22.64	6.66	13.503	2.03
44.35	22.32	6.85	13.518	2.09
44.4	22.16	5.42	13.533	1.65
44.45	22.08	7.04	13.548	2.14
44.5	22.54	6.58	13.563	2.01
44.55	23.27	4.86	13.579	1.48
44.6	23.64	5.55	13.594	1.69
44.65	23.82	7.06	13.609	2.15
44.7	23.91	8.02	13.624	2.45
44.75	23.95	7.8	13.64	2.38
44.8	23.98	4.56	13.655	1.39

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44.85	23.99	6.18	13.67	1.89
44.9	22.99	6.73	13.685	2.05
44.95	21.5	6.83	13.701	2.08
45	20.75	6.37	13.716	1.94
45.05	19.87	5.99	13.731	1.83
45.1	19.44	5.75	13.746	1.75
45.15	19.72	6.64	13.762	2.02
45.2	19.86	6.99	13.777	2.13
45.25	20.43	7.24	13.792	2.21
45.3	21.21	7.06	13.807	2.15
45.35	22.11	6.67	13.823	2.03
45.4	23.05	5.75	13.838	1.75
45.45	24.03	7.11	13.853	2.17
45.5	25.01	6.99	13.868	2.13
45.55	25.01	6.96	13.884	2.12
45.6	25.5	6.36	13.899	1.94
45.65	26.75	7.42	13.914	2.26
45.7	27.38	8.65	13.929	2.64
45.75	27.69	9.47	13.944	2.89
45.8	26.84	9.19	13.96	2.8
45.85	26.42	6.92	13.975	2.11
45.9	25.71	7.89	13.99	2.41
45.95	24.36	8.1	14.005	2.47
46	24.18	8.3	14.021	2.53
46.05	24.09	8.9	14.036	2.71
46.1	24.54	8.29	14.051	2.53
46.15	25.27	9.7	14.066	2.96
46.2	25.64	9.04	14.082	2.76
46.25	25.82	8.65	14.097	2.64
46.3	26.91	8	14.112	2.44
46.35	26.95	7.76	14.127	2.37
46.4	26.98	9.12	14.143	2.78
46.45	25.99	9.65	14.158	2.94
46.5	25.49	9.3	14.173	2.84
46.55	24.75	9.14	14.188	2.78
46.6	24.37	8.47	14.204	2.58
46.65	24.69	9.46	14.219	2.88
46.7	24.84	8.91	14.234	2.72
46.75	25.42	9.39	14.249	2.86
46.8	26.21	8.78	14.265	2.68
46.85	26.61	8.78	14.28	2.68
46.9	27.3	9.01	14.295	2.75
46.95	28.15	8.86	14.31	2.7
47	28.08	8.38	14.325	2.55
47.05	28.54	8.69	14.341	2.65
47.1	29.27	9.33	14.356	2.84
47.15	31.13	9.37	14.371	2.86
47.2	33.57	8.86	14.386	2.7
47.25	33.28	7.8	14.402	2.38
47.3	31.64	8.23	14.417	2.51
47.35	29.82	5.78	14.432	1.76
47.4	28.41	0.84	14.447	0.26
47.45	27.71	3.55	14.463	1.08
47.5	27.35	6.17	14.478	1.88
47.55	26.68	5.01	14.493	1.53
47.6	26.84	8.17	14.508	2.49
47.65	26.92	5.3	14.524	1.61
47.7	27.46	4.79	14.539	1.46
47.75	28.23	5.73	14.554	1.75
47.8	29.11	5.89	14.569	1.8
47.85	31.06	7.54	14.585	2.3

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47.9	32.53	7.17	14.6	2.19
47.95	34.76	7.68	14.615	2.34
48	35.88	6.77	14.63	2.06
48.05	36.44	10.86	14.646	3.31
48.1	37.22	7.81	14.661	2.38
48.15	37.11	9.4	14.676	2.87
48.2	37.06	8.11	14.691	2.47
48.25	36.03	9.61	14.706	2.93
48.3	35.51	9.67	14.722	2.95
48.35	36.26	7.84	14.737	2.39
48.4	36.63	6.41	14.752	1.95
48.45	36.31	8.03	14.767	2.45
48.5	36.16	9.54	14.783	2.91
48.55	35.58	8.46	14.798	2.58
48.6	34.79	9.71	14.813	2.96
48.65	34.39	12.63	14.828	3.85
48.7	33.2	9.58	14.844	2.92
48.75	32.6	8.16	14.859	2.49
48.8	32.3	7.13	14.874	2.17
48.85	32.65	7.27	14.889	2.22
48.9	33.32	8.21	14.905	2.5
48.95	33.66	7.19	14.92	2.19
49	33.33	7.92	14.935	2.42
49.05	32.67	7.79	14.95	2.37
49.1	31.33	7.04	14.966	2.15
49.15	31.17	8.22	14.981	2.5
49.2	31.08	7.77	14.996	2.37
49.25	30.54	6.97	15.011	2.12
49.3	31.27	8.32	15.026	2.54
49.35	31.14	6.63	15.042	2.02
49.4	30.57	9.64	15.057	2.94
49.45	30.78	6.46	15.072	1.97
49.5	30.39	8.77	15.087	2.67
49.55	30.7	7.88	15.103	2.4
49.6	30.85	6.7	15.118	2.04
49.65	30.92	7.58	15.133	2.31
49.7	31.46	6.87	15.148	2.09
49.75	32.23	7.6	15.164	2.32
49.8	33.12	7.74	15.179	2.36
49.85	32.56	7.57	15.194	2.31
49.9	32.28	6.37	15.209	1.94
49.95	32.64	7	15.225	2.13
50	32.82	6.05	15.24	1.84
50.05	33.41	6.41	15.255	1.95
50.1	32.7	5.47	15.27	1.67
50.15	32.85	5.91	15.286	1.8
50.2	33.43	5.53	15.301	1.68
50.25	34.21	5.59	15.316	1.71
50.3	34.11	6.27	15.331	1.91
50.35	34.05	5.57	15.347	1.7
50.4	34.03	5.34	15.362	1.63
50.45	34.01	5.15	15.377	1.57
50.5	34.01	5.06	15.392	1.54
50.55	34.5	5.94	15.407	1.81
50.6	34.25	5.21	15.423	1.59
50.65	34.63	5.93	15.438	1.81
50.7	35.31	5.64	15.453	1.72
50.75	35.16	5.96	15.468	1.82
50.8	35.08	5.41	15.484	1.65
50.85	35.04	5.27	15.499	1.61
50.9	35.02	5.65	15.514	1.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
50.95	35.51	6.05	15.529	1.84
51	35.75	5.66	15.545	1.73
51.05	35.88	5.34	15.56	1.63
51.1	36.44	5.85	15.575	1.78
51.15	36.22	5.74	15.59	1.75
51.2	35.61	5.1	15.606	1.55
51.25	34.3	4.92	15.621	1.5
51.3	32.65	5.23	15.636	1.59
51.35	32.33	5.17	15.651	1.58
51.4	31.16	4.43	15.667	1.35
51.45	30.58	5.27	15.682	1.61
51.5	29.79	6.04	15.697	1.84
51.55	29.4	4.83	15.712	1.47
51.6	29.7	5.01	15.728	1.53
51.65	29.85	6.34	15.743	1.93
51.7	29.92	5.27	15.758	1.61
51.75	29.96	4.34	15.773	1.32
51.8	30.48	4.39	15.788	1.34
51.85	29.74	4.21	15.804	1.28
51.9	28.87	5	15.819	1.52
51.95	27.94	5.01	15.834	1.53
52	27.47	4.75	15.849	1.45
52.05	27.23	4.63	15.865	1.41
52.1	27.12	3.97	15.88	1.21
52.15	27.06	5.66	15.895	1.73
52.2	27.03	5.15	15.91	1.57
52.25	27.51	4.07	15.926	1.24
52.3	27.26	3.53	15.941	1.08
52.35	27.63	3.6	15.956	1.1
52.4	28.31	2.95	15.971	0.9
52.45	28.16	5.54	15.987	1.69
52.5	27.58	5.63	16.002	1.72
52.55	27.79	5.25	16.017	1.6
52.6	27.39	6.09	16.032	1.86
52.65	27.7	6.73	16.048	2.05
52.7	28.35	4.8	16.063	1.46
52.75	28.17	5.89	16.078	1.8
52.8	28.09	3.88	16.093	1.18
52.85	28.04	5.23	16.109	1.59
52.9	28.02	3.72	16.124	1.13
52.95	28.01	4.5	16.139	1.37
53	28.51	3.53	16.154	1.08
53.05	28.25	4.48	16.169	1.36
53.1	28.13	4.13	16.185	1.26
53.15	28.06	5.5	16.2	1.68
53.2	28.03	4.79	16.215	1.46
53.25	28.02	4.71	16.23	1.43
53.3	28.01	4.97	16.246	1.52
53.35	28.5	3.76	16.261	1.15
53.4	28.25	5.61	16.276	1.71
53.45	28.13	5.83	16.291	1.78
53.5	28.56	4.34	16.307	1.32
53.55	28.78	5.02	16.322	1.53
53.6	27.89	4.39	16.337	1.34
53.65	27.95	9.21	16.352	2.81
53.7	27.97	4.33	16.368	1.32
53.75	27.49	4.05	16.383	1.23
53.8	27.24	3.75	16.398	1.14
53.85	27.12	7.78	16.413	2.37
53.9	27.06	4.97	16.429	1.52
53.95	27.03	7.02	16.444	2.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54	27.02	3.24	16.459	0.99
54.05	27.51	5.21	16.474	1.59
54.1	27.25	6.27	16.49	1.91
54.15	26.13	3.75	16.505	1.14
54.2	25.56	3.21	16.52	0.98
54.25	24.78	2.96	16.535	0.9
54.3	24.89	3.54	16.55	1.08
54.35	24.95	3.91	16.566	1.19
54.4	26.97	3.52	16.581	1.07
54.45	29.49	3.45	16.596	1.05
54.5	31.74	4	16.611	1.22
54.55	34.37	3.16	16.627	0.96
54.6	37.19	5.92	16.642	1.81
54.65	39.59	3.65	16.657	1.11
54.7	41.3	3.44	16.672	1.05
54.75	42.15	3.64	16.688	1.11
54.8	42.57	3.89	16.703	1.19
54.85	43.79	3.88	16.718	1.18
54.9	45.39	3.12	16.733	0.95
54.95	45.7	3.09	16.749	0.94
55	45.85	3.65	16.764	1.11
55.05	44.92	3.34	16.779	1.02
55.1	45.46	3.71	16.794	1.13
55.15	45.73	3.95	16.81	1.2
55.2	45.87	3.96	16.825	1.21
55.25	45.93	3.04	16.84	0.93
55.3	45.97	4.24	16.855	1.29
55.35	44.48	3.46	16.871	1.06
55.4	44.24	2.24	16.886	0.68
55.45	45.12	3.42	16.901	1.04
55.5	45.56	2.71	16.916	0.82
55.55	47.28	3	16.931	0.91
55.6	47.64	3.57	16.947	1.09
55.65	47.82	3.1	16.962	0.95
55.7	47.91	3.07	16.977	0.93
55.75	48.46	4.38	16.992	1.34
55.8	49.23	3.71	17.008	1.13
55.85	48.11	2.81	17.023	0.86
55.9	48.56	2.92	17.038	0.89
55.95	48.78	3.38	17.053	1.03
56	49.39	3.01	17.069	0.92
56.05	50.69	2.85	17.084	0.87
56.1	51.35	3.11	17.099	0.95
56.15	51.67	3.06	17.114	0.93
56.2	50.84	3.07	17.13	0.94
56.25	49.92	3.61	17.145	1.1
56.3	49.46	4.19	17.16	1.28
56.35	49.23	4.15	17.175	1.26
56.4	48.61	4	17.191	1.22
56.45	49.31	2.7	17.206	0.82
56.5	49.65	3.32	17.221	1.01
56.55	48.83	4.29	17.236	1.31
56.6	48.91	3.78	17.252	1.15
56.65	47.96	3.38	17.267	1.03
56.7	48.48	3.01	17.282	0.92
56.75	50.24	3.39	17.297	1.03
56.8	49.62	2.65	17.312	0.81
56.85	49.81	2.68	17.328	0.82
56.9	50.4	4.37	17.343	1.33
56.95	51.2	3.09	17.358	0.94
57	53.1	3.25	17.373	0.99

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
57.05	53.05	3.04	17.389	0.93
57.1	54.03	3.56	17.404	1.09
57.15	52.51	3.33	17.419	1.01
57.2	50.26	4.14	17.434	1.26
57.25	48.13	4.25	17.45	1.29
57.3	47.56	3.15	17.465	0.96
57.35	46.78	2.09	17.48	0.64
57.4	45.39	4.13	17.495	1.26
57.45	44.7	3.1	17.511	0.95
57.5	45.35	5.45	17.526	1.66
57.55	45.17	3.69	17.541	1.12
57.6	47.59	3.93	17.556	1.2
57.65	48.79	5.84	17.572	1.78
57.7	50.4	3.2	17.587	0.97
57.75	51.2	3.23	17.602	0.99
57.8	51.6	2.63	17.617	0.8
57.85	51.8	3.55	17.632	1.08
57.9	51.9	2.64	17.648	0.81
57.95	51.45	4.84	17.663	1.47
58	51.72	1.93	17.678	0.59
58.05	50.86	3.73	17.693	1.14
58.1	51.43	2.24	17.709	0.68
58.15	52.72	2.92	17.724	0.89
58.2	53.86	2.94	17.739	0.9
58.25	53.43	5.21	17.754	1.59
58.3	53.21	3.8	17.77	1.16
58.35	53.61	3.66	17.785	1.12
58.4	54.3	3.13	17.8	0.95
58.45	53.15	6.94	17.815	2.12
58.5	53.58	3.03	17.831	0.92
58.55	54.79	3.96	17.846	1.21
58.6	54.89	3.36	17.861	1.02
58.65	54.95	4.82	17.876	1.47
58.7	55.97	4.13	17.892	1.26
58.75	54.99	5.82	17.907	1.77
58.8	54.99	3.68	17.922	1.12
58.85	56	3.51	17.937	1.07
58.9	57.5	3.77	17.953	1.15
58.95	56.75	4.36	17.968	1.33
59	55.87	5.26	17.983	1.6
59.05	54.44	3.26	17.998	0.99
59.1	52.22	3.47	18.013	1.06
59.15	53.11	3.27	18.029	1
59.2	52.05	4.9	18.044	1.49
59.25	50.03	3.11	18.059	0.95
59.3	50.01	2.4	18.074	0.73
59.35	51.01	1.5	18.09	0.46
59.4	51	2.13	18.105	0.65
59.45	51	1.61	18.12	0.49
59.5	54	2.61	18.135	0.8
59.55	57.5	1.64	18.151	0.5
59.6	59.75	2.05	18.166	0.62
59.65	61.38	1.7	18.181	0.52
59.7	61.69	1.97	18.196	0.6
59.75	59.84	1.82	18.212	0.55
59.8	55.92	1.75	18.227	0.53
59.85	53.96	2.24	18.242	0.68
59.9	48.48	3.83	18.257	1.17
59.95	39.74	2.13	18.273	0.65
60	31.87	2.41	18.288	0.74
60.05	26.44	2.38	18.303	0.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
60.1	22.72	1.58	18.318	0.48
60.15	21.36	2.03	18.334	0.62
60.2	19.68	2.63	18.349	0.8
60.25	18.34	2.94	18.364	0.9
60.3	17.17	2.2	18.379	0.67
60.35	17.08	1.61	18.394	0.49
60.4	17.54	1.92	18.41	0.59
60.45	19.27	1.86	18.425	0.57
60.5	20.64	0.92	18.44	0.28
60.55	21.82	1.51	18.455	0.46
60.6	21.91	0.84	18.471	0.26
60.65	22.45	1.12	18.486	0.34
60.7	23.73	0.81	18.501	0.25
60.75	23.86	1.16	18.516	0.35
60.8	24.93	1.14	18.532	0.35
60.85	25.97	0.87	18.547	0.26
60.9	28.98	0.92	18.562	0.28
60.95	29.99	1.2	18.577	0.37
61	28	0.8	18.593	0.24
61.05	24.5	0.85	18.608	0.26
61.1	21.75	1.18	18.623	0.36
61.15	19.87	1.77	18.638	0.54
61.2	18.44	1.63	18.654	0.5
61.25	18.22	1.94	18.669	0.59
61.3	17.61	1.21	18.684	0.37
61.35	17.3	1.5	18.699	0.46
61.4	17.65	1.29	18.715	0.39
61.45	17.33	1.81	18.73	0.55
61.5	17.16	1.06	18.745	0.32
61.55	17.08	1.14	18.76	0.35
61.6	17.04	1.59	18.775	0.49
61.65	17.02	1.37	18.791	0.42
61.7	17.01	1.01	18.806	0.31
61.75	17.01	0.89	18.821	0.27
61.8	17	1.25	18.836	0.38
61.85	17.5	1.27	18.852	0.39
61.9	17.75	1.52	18.867	0.46
61.95	17.88	1.76	18.882	0.54
62	17.94	1.19	18.897	0.36
62.05	17.97	1.75	18.913	0.53
62.1	17.98	1.3	18.928	0.4
62.15	17.99	1.31	18.943	0.4
62.2	17.5	1.3	18.958	0.4
62.25	17.25	1.97	18.974	0.6
62.3	17.62	2.29	18.989	0.7
62.35	17.81	0.87	19.004	0.27
62.4	17.41	2.98	19.019	0.91
62.45	16.7	2.54	19.035	0.77
62.5	17.35	2.44	19.05	0.74
62.55	17.18	3.21	19.065	0.98
62.6	17.59	2.88	19.08	0.88
62.65	17.79	4.45	19.096	1.36
62.7	17.4	4.17	19.111	1.27
62.75	17.7	3.06	19.126	0.93
62.8	16.85	2.78	19.141	0.85
62.85	16.92	3.96	19.156	1.21
62.9	16.96	3.44	19.172	1.05
62.95	16.48	2.77	19.187	0.84
63	16.74	3.35	19.202	1.02
63.05	16.87	3.67	19.217	1.12
63.1	17.44	3.43	19.233	1.05

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
63.15	18.72	2.96	19.248	0.9
63.2	19.36	1.11	19.263	0.34
63.25	20.18	2.21	19.278	0.67
63.3	20.59	1.77	19.294	0.54
63.35	21.29	1.72	19.309	0.53
63.4	22.15	2.05	19.324	0.62
63.45	24.07	3.37	19.339	1.03
63.5	23.04	2.32	19.355	0.71
63.55	21.02	2.98	19.37	0.91
63.6	20.01	1.82	19.385	0.55
63.65	17.5	4.13	19.4	1.26
63.7	16.75	2.38	19.416	0.73
63.75	15.38	3.78	19.431	1.15
63.8	14.19	2.94	19.446	0.9
63.85	12.59	3.38	19.461	1.03
63.9	11.3	2.61	19.477	0.8
63.95	10.15	4.09	19.492	1.25
64	9.57	2.59	19.507	0.79
64.05	8.79	2.33	19.522	0.71
64.1	7.89	2.77	19.537	0.84
64.15	7.45	3.7	19.553	1.13
64.2	7.22	3.66	19.568	1.12
64.25	9.11	2.49	19.583	0.76
64.3	12.06	1.92	19.598	0.58
64.35	17.03	2.38	19.614	0.73
64.4	19.51	1.58	19.629	0.48
64.45	21.26	0.66	19.644	0.2
64.5	20.13	2.22	19.659	0.68
64.55	17.06	1.98	19.675	0.6
64.6	14.53	1.73	19.69	0.53
64.65	12.27	1.55	19.705	0.47
64.7	11.13	2.16	19.72	0.66
64.75	10.57	1.47	19.736	0.45
64.8	9.78	2.06	19.751	0.63
64.85	9.39	1.72	19.766	0.52
64.9	9.2	3.07	19.781	0.94
64.95	9.6	1.91	19.797	0.58
65	9.8	2.08	19.812	0.63
65.05	9.4	2.31	19.827	0.7
65.1	9.7	2.93	19.842	0.89
65.15	9.85	3.24	19.858	0.99
65.2	9.92	2.16	19.873	0.66
65.25	10.46	2.53	19.888	0.77
65.3	10.23	1.94	19.903	0.59
65.35	9.62	2.71	19.918	0.83
65.4	9.31	3.12	19.934	0.95
65.45	8.65	4.47	19.949	1.36
65.5	7.33	2.1	19.964	0.64
65.55	7.16	2.4	19.979	0.73
65.6	6.08	3.17	19.995	0.97
65.65	5.54	2.12	20.01	0.65
65.7	5.77	1.47	20.025	0.45
65.75	5.89	2.94	20.04	0.9
65.8	5.94	2.65	20.056	0.81
65.85	7.97	3.57	20.071	1.09
65.9	10.99	2.73	20.086	0.83
65.95	14.49	2.3	20.101	0.7
66	16.75	2.47	20.117	0.75
66.05	22.37	2.56	20.132	0.78
66.1	20.19	2.97	20.147	0.91
66.15	17.59	2.42	20.162	0.74

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66.2	15.8	3	20.178	0.91
66.25	13.9	2.46	20.193	0.75
66.3	12.45	2.72	20.208	0.83
66.35	11.22	1.95	20.223	0.59
66.4	10.11	2.36	20.239	0.72
66.45	9.06	2.5	20.254	0.76
66.5	8.53	2.32	20.269	0.71
66.55	8.26	2.46	20.284	0.75
66.6	8.63	2.3	20.3	0.7
66.65	9.32	3	20.315	0.91
66.7	11.16	2.78	20.33	0.85
66.75	12.08	2.05	20.345	0.63
66.8	13.54	3.07	20.36	0.94
66.85	14.27	2.04	20.376	0.62
66.9	15.13	2.12	20.391	0.65
66.95	16.57	1.58	20.406	0.48
67	17.78	1.78	20.421	0.54
67.05	17.89	2.36	20.437	0.72
67.1	17.45	2.33	20.452	0.71
67.15	16.22	3.02	20.467	0.92
67.2	16.11	1.87	20.482	0.57
67.25	16.56	1.79	20.498	0.55
67.3	16.78	1.9	20.513	0.58
67.35	15.39	3.73	20.528	1.14
67.4	13.69	4.74	20.543	1.45
67.45	12.85	4.94	20.559	1.5
67.5	12.42	3.12	20.574	0.95
67.55	12.71	2.7	20.589	0.82
67.6	13.36	6.28	20.604	1.91
67.65	14.68	5.44	20.62	1.66
67.7	15.34	3.85	20.635	1.17
67.75	14.67	1.27	20.65	0.39
67.8	13.83	3.1	20.665	0.94
67.85	11.92	1.65	20.681	0.5
67.9	10.46	2.47	20.696	0.75
67.95	9.73	1.32	20.711	0.4
68	9.36	3.07	20.726	0.94
68.05	8.68	2.04	20.742	0.62
68.1	8.34	2.81	20.757	0.86
68.15	7.67	1.87	20.772	0.57
68.2	7.84	3.46	20.787	1.06
68.25	7.92	2.15	20.802	0.66
68.3	8.46	1.87	20.818	0.57
68.35	9.23	2.06	20.833	0.63
68.4	10.11	5.06	20.848	1.54
68.45	10.06	2.91	20.863	0.89
68.5	10.03	2.42	20.879	0.74
68.55	10.51	3.5	20.894	1.07
68.6	9.26	1.89	20.909	0.57
68.65	9.13	2.37	20.924	0.72
68.7	8.06	1.6	20.94	0.49
68.75	7.53	3.69	20.955	1.13
68.8	7.77	2.66	20.97	0.81
68.85	7.38	3.38	20.985	1.03
68.9	7.19	2.98	21.001	0.91
68.95	7.1	1.77	21.016	0.54
69	7.05	2.49	21.031	0.76
69.05	7.02	1.52	21.046	0.46
69.1	6.51	1.87	21.062	0.57
69.15	5.76	1.07	21.077	0.32
69.2	5.88	1.12	21.092	0.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
69.25	5.94	1.49	21.107	0.45
69.3	5.47	1.89	21.123	0.58
69.35	5.23	1.55	21.138	0.47
69.4	5.62	1.61	21.153	0.49
69.45	5.31	3.28	21.168	1
69.5	5.15	1.35	21.183	0.41
69.55	4.58	3.59	21.199	1.09
69.6	4.29	1.22	21.214	0.37
69.65	4.14	3.12	21.229	0.95
69.7	4.07	1.67	21.244	0.51
69.75	3.54	1.98	21.26	0.6
69.8	3.27	1.46	21.275	0.45
69.85	4.13	5.1	21.29	1.55
69.9	3.57	2.4	21.305	0.73
69.95	3.78	1.23	21.321	0.38
70	3.39	1.44	21.336	0.44
70.05	3.2	1.92	21.351	0.58
70.1	2.6	2.39	21.366	0.73
70.15	3.3	2.07	21.382	0.63
70.2	3.15	1.5	21.397	0.46
70.25	2.57	1.73	21.412	0.53
70.3	2.79	1.42	21.427	0.43
70.35	2.89	0.69	21.443	0.21
70.4	2.45	1.6	21.458	0.49
70.45	2.72	0.99	21.473	0.3
70.5	2.36	1.54	21.488	0.47
70.55	3.18	1.65	21.504	0.5
70.6	3.09	1.53	21.519	0.47
70.65	2.55	1.52	21.534	0.46
70.7	2.77	2.16	21.549	0.66
70.75	3.39	1.44	21.565	0.44
70.8	2.69	1.64	21.58	0.5
70.85	2.85	1.63	21.595	0.5
70.9	2.92	2.18	21.61	0.66
70.95	2.96	1.29	21.625	0.39
71	2.98	1.39	21.641	0.42
71.05	3.49	1.75	21.656	0.53
71.1	3.25	3.11	21.671	0.95
71.15	3.62	2.08	21.686	0.63
71.2	3.31	1.73	21.702	0.53
71.25	3.16	2.07	21.717	0.63
71.3	4.08	1.47	21.732	0.45
71.35	4.04	1.97	21.747	0.6
71.4	3.52	1.62	21.763	0.49
71.45	3.76	1.54	21.778	0.47
71.5	3.88	1.34	21.793	0.41
71.55	3.44	1.39	21.808	0.42
71.6	3.22	1.43	21.824	0.44
71.65	4.11	1.43	21.839	0.43
71.7	4.05	1.12	21.854	0.34
71.75	3.53	1.22	21.869	0.37
71.8	3.26	1.46	21.885	0.45
71.85	3.63	2.21	21.9	0.67
71.9	3.82	1.23	21.915	0.37
71.95	3.91	1.19	21.93	0.36
72	3.95	1.49	21.946	0.45
72.05	3.98	2.09	21.961	0.64
72.1	3.99	1.31	21.976	0.4
72.15	3.49	1.83	21.991	0.56
72.2	3.75	1.67	22.007	0.51
72.25	3.37	1.33	22.022	0.4

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
72.3	4.19	0	22.037	0
72.35	4.09	3.8	22.052	1.16
72.4	4.55	1.74	22.067	0.53
72.45	4.27	1.73	22.083	0.53
72.5	4.14	1.77	22.098	0.54
72.55	5.07	2.94	22.113	0.9
72.6	5.03	2.74	22.128	0.84
72.65	5.02	4.31	22.144	1.31
72.7	5.01	1.57	22.159	0.48
72.75	6	3.16	22.174	0.96
72.8	6	3.69	22.189	1.12
72.85	6	2.96	22.205	0.9
72.9	5.5	2.35	22.22	0.72
72.95	4.25	2.2	22.235	0.67
73	4.13	2.21	22.25	0.67
73.05	3.56	3.38	22.266	1.03
73.1	3.28	1.28	22.281	0.39
73.15	3.14	0.8	22.296	0.24
73.2	3.57	1.9	22.311	0.58
73.25	3.79	1.37	22.327	0.42
73.3	4.89	1.62	22.342	0.49
73.35	5.95	1.58	22.357	0.48
73.4	7.47	2.9	22.372	0.88
73.45	7.24	1.41	22.388	0.43
73.5	7.62	2.11	22.403	0.64
73.55	8.31	1.44	22.418	0.44
73.6	7.15	2.9	22.433	0.88
73.65	6.58	1.74	22.448	0.53
73.7	6.79	3.01	22.464	0.92
73.75	6.89	2.09	22.479	0.64
73.8	6.95	3.22	22.494	0.98
73.85	6.47	2.85	22.509	0.87
73.9	5.74	3.48	22.525	1.06
73.95	5.87	1.98	22.54	0.6
74	4.93	2.32	22.555	0.71
74.05	4.47	2.52	22.57	0.77
74.1	4.23	1.64	22.586	0.5
74.15	4.12	1.63	22.601	0.5
74.2	4.06	1.72	22.616	0.52
74.25	3.53	1.88	22.631	0.57
74.3	3.76	1.52	22.647	0.46
74.35	4.38	1.08	22.662	0.33
74.4	4.19	0.98	22.677	0.3
74.45	4.1	1.29	22.692	0.39
74.5	4.55	1.34	22.708	0.41
74.55	4.77	1.56	22.723	0.47
74.6	4.89	1.59	22.738	0.48
74.65	4.94	2.16	22.753	0.66
74.7	4.97	1.64	22.769	0.5
74.75	4.49	1.39	22.784	0.42
74.8	4.24	1.3	22.799	0.4
74.85	4.12	1.87	22.814	0.57
74.9	4.06	1.34	22.83	0.41
74.95	4.53	1.78	22.845	0.54
75	4.27	1.56	22.86	0.47
75.05	4.13	1.4	22.875	0.43
75.1	4.57	1.52	22.89	0.46
75.15	4.28	2.27	22.906	0.69
75.2	4.64	1.78	22.921	0.54
75.25	5.32	1.5	22.936	0.46
75.3	5.16	1.44	22.951	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
75.35	4.58	3.15	22.967	0.96
75.4	5.29	1.42	22.982	0.43
75.45	5.15	1.13	22.997	0.34
75.5	4.57	1.58	23.012	0.48
75.55	4.29	1.23	23.028	0.37
75.6	4.14	0.95	23.043	0.29
75.65	4.07	0.95	23.058	0.29
75.7	4.54	1.18	23.073	0.36
75.75	4.77	1.27	23.089	0.39
75.8	5.38	1.33	23.104	0.41
75.85	5.19	1.74	23.119	0.53
75.9	5.1	1.51	23.134	0.46
75.95	5.05	2.34	23.15	0.71
76	5.02	1.49	23.165	0.46
76.05	5.01	1.7	23.18	0.52
76.1	4.51	1.32	23.195	0.4
76.15	5.25	2.07	23.211	0.63
76.2	4.63	1.88	23.226	0.57
76.25	4.31	1.81	23.241	0.55
76.3	3.66	2.13	23.256	0.65
76.35	3.33	1.43	23.271	0.44
76.4	3.16	2.16	23.287	0.66
76.45	3.08	1.88	23.302	0.57
76.5	3.54	1.68	23.317	0.51
76.55	3.77	2	23.332	0.61
76.6	3.89	2.05	23.348	0.63
76.65	3.94	1.4	23.363	0.43
76.7	3.97	1.6	23.378	0.49
76.75	4.49	1.53	23.393	0.46
76.8	4.24	1.84	23.409	0.56
76.85	4.12	2.04	23.424	0.62
76.9	4.06	1.55	23.439	0.47
76.95	4.53	1.61	23.454	0.49
77	4.77	1.59	23.47	0.49
77.05	4.88	1.62	23.485	0.49
77.1	4.44	1.21	23.5	0.37
77.15	4.22	1.25	23.515	0.38
77.2	4.61	1.06	23.531	0.32
77.25	4.31	2.17	23.546	0.66
77.3	5.15	0.22	23.561	0.07
77.35	5.58	3.11	23.576	0.95
77.4	5.79	1.9	23.592	0.58
77.45	5.89	0.93	23.607	0.28
77.5	5.95	1.7	23.622	0.52
77.55	5.97	1.74	23.637	0.53
77.6	5.99	1.45	23.653	0.44
77.65	6.99	3.95	23.668	1.2
77.7	8	2.02	23.683	0.61
77.75	8.5	3.26	23.698	1
77.8	8.75	2.58	23.713	0.79
77.85	7.37	2.66	23.729	0.81
77.9	6.19	3.27	23.744	1
77.95	5.59	3.21	23.759	0.98
78	5.3	3.23	23.774	0.99
78.05	5.15	4.53	23.79	1.38
78.1	5.07	3.24	23.805	0.99
78.15	5.54	1.61	23.82	0.49
78.2	5.77	1.91	23.835	0.58
78.25	5.88	1.33	23.851	0.41
78.3	5.44	1.06	23.866	0.32
78.35	5.22	0.41	23.881	0.12

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
78.4	4.61	1.7	23.896	0.52
78.45	4.31	0.9	23.912	0.28
78.5	4.15	1.05	23.927	0.32
78.55	4.08	1.32	23.942	0.4
78.6	4.54	2.84	23.957	0.87
78.65	4.77	1.23	23.973	0.37
78.7	4.38	2.64	23.988	0.8
78.75	4.19	0.82	24.003	0.25
78.8	4.1	2	24.018	0.61
78.85	4.55	0.94	24.034	0.29
78.9	4.77	2.09	24.049	0.64
78.95	4.89	1.11	24.064	0.34
79	4.94	2.66	24.079	0.81
79.05	4.47	1.74	24.095	0.53
79.1	4.24	1.58	24.11	0.48
79.15	4.12	1.82	24.125	0.56
79.2	4.06	3.12	24.14	0.95
79.25	4.53	1.98	24.155	0.6
79.3	4.26	2.48	24.171	0.76
79.35	4.13	1.27	24.186	0.39
79.4	4.57	2.26	24.201	0.69
79.45	4.78	1.13	24.216	0.34
79.5	4.89	0.57	24.232	0.17
79.55	5.45	0.76	24.247	0.23
79.6	5.22	0.72	24.262	0.22
79.65	5.61	1	24.277	0.3
79.7	5.31	0.55	24.293	0.17
79.75	5.15	1.6	24.308	0.49
79.8	5.58	1.42	24.323	0.43
79.85	5.29	0.82	24.338	0.25
79.9	5.14	1.36	24.354	0.41
79.95	4.57	0.76	24.369	0.23
80	4.29	1.15	24.384	0.35
80.05	4.64	1.27	24.399	0.39
80.1	5.32	0.91	24.415	0.28
80.15	5.16	0.89	24.43	0.27
80.2	5.58	0.84	24.445	0.26
80.25	5.79	1.52	24.46	0.46
80.3	5.4	0.98	24.476	0.3
80.35	5.2	1.55	24.491	0.47
80.4	4.6	1.73	24.506	0.53
80.45	4.3	1.78	24.521	0.54
80.5	4.15	1.45	24.536	0.44
80.55	4.57	0.91	24.552	0.28
80.6	4.79	1.4	24.567	0.43
80.65	4.89	1.04	24.582	0.32
80.7	4.95	1.57	24.597	0.48
80.75	3.97	0.97	24.613	0.3
80.8	3.49	1.43	24.628	0.43
80.85	3.24	0.66	24.643	0.2
80.9	3.12	1.66	24.658	0.51
80.95	3.56	1.2	24.674	0.37
81	4.78	1.4	24.689	0.43
81.05	5.89	1.56	24.704	0.48
81.1	5.45	1.75	24.719	0.53
81.15	5.22	0.91	24.735	0.28
81.2	5.11	1.27	24.75	0.39
81.25	5.06	1	24.765	0.3
81.3	6.03	1.03	24.78	0.31
81.35	7.01	1.16	24.796	0.35
81.4	8.51	1.1	24.811	0.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
81.45	9.25	1.48	24.826	0.45
81.5	10.63	2.61	24.841	0.8
81.55	11.31	1	24.857	0.3
81.6	12.66	1.58	24.872	0.48
81.65	13.83	0.87	24.887	0.26
81.7	15.41	1.49	24.902	0.45
81.75	17.21	1.41	24.918	0.43
81.8	19.1	0.76	24.933	0.23
81.85	20.05	0.79	24.948	0.24
81.9	19.03	1.3	24.963	0.4
81.95	18.01	0.53	24.978	0.16
82	16.51	0.75	24.994	0.23
82.05	15.25	0.71	25.009	0.22
82.1	15.13	0.41	25.024	0.13
82.15	15.06	0.48	25.039	0.15
82.2	16.03	0.49	25.055	0.15
82.25	15.52	0.46	25.07	0.14
82.3	14.76	0.35	25.085	0.11
82.35	13.38	1.24	25.1	0.38
82.4	11.69	0.53	25.116	0.16
82.45	9.84	0.57	25.131	0.17
82.5	8.42	0.42	25.146	0.13
82.55	7.21	1.17	25.161	0.36
82.6	7.11	0.44	25.177	0.13
82.65	7.05	3.52	25.192	1.07
82.7	7.53	0.44	25.207	0.14
82.75	6.76	3.24	25.222	0.99
82.8	6.38	1.26	25.238	0.38
82.85	5.19	2.79	25.253	0.85
82.9	4.6	2.94	25.268	0.9
82.95	4.3	1.76	25.283	0.54
83	3.65	0.98	25.299	0.3
83.05	4.32	1.37	25.314	0.42
83.1	5.16	1.37	25.329	0.42
83.15	6.08	2.6	25.344	0.79
83.2	6.54	1.58	25.36	0.48
83.25	6.27	1.24	25.375	0.38
83.3	6.14	0.75	25.39	0.23
83.35	6.07	1.04	25.405	0.32
83.4	5.53	0.75	25.42	0.23
83.45	5.27	0.4	25.436	0.12
83.5	5.63	0.41	25.451	0.12
83.55	5.82	0.76	25.466	0.23
83.6	5.91	0.82	25.481	0.25
83.65	5.95	1.07	25.497	0.33
83.7	6.48	0.78	25.512	0.24
83.75	6.74	0.44	25.527	0.13
83.8	5.87	1.01	25.542	0.31
83.85	4.43	0.35	25.558	0.11
83.9	3.72	0.42	25.573	0.13
83.95	4.36	0.36	25.588	0.11
84	5.68	2.26	25.603	0.69
84.05	6.84	1.49	25.619	0.45
84.1	6.92	0.92	25.634	0.28
84.15	6.46	1.51	25.649	0.46
84.2	6.73	2.54	25.664	0.77
84.25	8.36	0.49	25.68	0.15
84.3	11.18	1.56	25.695	0.48
84.35	14.59	1.73	25.71	0.53
84.4	9.3	1.96	25.725	0.6
84.45	6.65	1.1	25.741	0.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
84.5	3.82	1.12	25.756	0.34
84.55	3.41	0.71	25.771	0.22
84.6	3.71	0.77	25.786	0.24
84.65	4.35	0.75	25.801	0.23
84.7	4.68	0.38	25.817	0.11
84.75	5.84	0.37	25.832	0.11
84.8	7.92	0.37	25.847	0.11
84.85	8.96	0.46	25.862	0.14
84.9	9.98	0.75	25.878	0.23
84.95	10.99	0.41	25.893	0.13
85	11.99	0.71	25.908	0.22
85.05	14.5	0.43	25.923	0.13
85.1	16.75	0.49	25.939	0.15
85.15	11.87	0.71	25.954	0.22
85.2	9.44	0.41	25.969	0.12
85.25	8.72	0.55	25.984	0.17
85.3	7.36	1.06	26	0.32
85.35	19.68	1.45	26.015	0.44
85.4	22.84	0.81	26.03	0.25
85.45	26.92	1.16	26.045	0.35
85.5	19.46	0.83	26.061	0.25
85.55	15.23	1.3	26.076	0.4
85.6	12.11	0.39	26.091	0.12
85.65	10.56	1.07	26.106	0.33
85.7	11.28	0.74	26.122	0.23
85.75	9.64	0.82	26.137	0.25
85.8	8.82	0.43	26.152	0.13
85.85	6.41	0.8	26.167	0.24
85.9	6.2	0.41	26.183	0.12
85.95	10.6	0.39	26.198	0.12
86	11.8	0.37	26.213	0.11
86.05	9.9	0.38	26.228	0.12
86.1	7.95	0.43	26.243	0.13
86.15	5.48	0.61	26.259	0.19
86.2	4.24	0.41	26.274	0.12
86.25	4.62	0.37	26.289	0.11
86.3	5.31	0.72	26.304	0.22
86.35	4.65	0.66	26.32	0.2
86.4	4.83	0.69	26.335	0.21

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 09:08

LOG END DEPTH: 167.356 FEET

LOG END TIME: Fri Jun 06 2008 11:00

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	2	4.34	0	1.32
0.05	3.5	6.2	0.015	1.89
0.1	5.75	6.29	0.03	1.92
0.15	9.38	6.62	0.046	2.02
0.2	12.69	7.18	0.061	2.19
0.25	14.84	6.69	0.076	2.04
0.3	16.92	3.32	0.091	1.01
0.35	18.46	5.83	0.107	1.78
0.4	20.23	6.11	0.122	1.86
0.45	22.62	6.56	0.137	2
0.5	23.81	7.15	0.152	2.18
0.55	31.9	5.6	0.168	1.71
0.6	36.95	6.1	0.183	1.86
0.65	66.48	6.85	0.198	2.09
0.7	42.74	8.5	0.213	2.59
0.75	33.37	11.21	0.229	3.42
0.8	29.18	10.9	0.244	3.32
0.85	28.59	11.44	0.259	3.49
0.9	46.3	11.22	0.274	3.42
0.95	44.65	12.26	0.29	3.74
1	24.82	12.16	0.305	3.71
1.05	18.41	13.78	0.32	4.2
1.1	19.71	11.99	0.335	3.66
1.15	17.85	13.37	0.351	4.08
1.2	14.43	13.15	0.366	4.01
1.25	13.71	14.64	0.381	4.46
1.3	13.36	12.01	0.396	3.66
1.35	14.18	12.96	0.411	3.95
1.4	17.59	14.53	0.427	4.43
1.45	23.79	15.25	0.442	4.65
1.5	25.9	11.92	0.457	3.63
1.55	26.95	13.84	0.472	4.22
1.6	30.47	11.83	0.488	3.61
1.65	31.74	14.84	0.503	4.52
1.7	36.37	13.69	0.518	4.17
1.75	48.68	13.27	0.533	4.04
1.8	48.34	15.11	0.549	4.6
1.85	47.17	14.84	0.564	4.52
1.9	34.59	15.62	0.579	4.76
1.95	31.79	14.03	0.594	4.28
2	33.4	14.04	0.61	4.28
2.05	51.2	14.68	0.625	4.47
2.1	53.1	14.66	0.64	4.47
2.15	35.05	12.99	0.655	3.96

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	24.52	13.47	0.671	4.11
2.25	16.26	14.79	0.686	4.51
2.3	17.13	13.42	0.701	4.09
2.35	24.07	14.5	0.716	4.42
2.4	55.53	15.31	0.732	4.67
2.45	51.77	13.39	0.747	4.08
2.5	34.88	4.1	0.762	1.25
2.55	27.44	3.41	0.777	1.04
2.6	15.22	6.82	0.792	2.08
2.65	8.61	7.18	0.808	2.19
2.7	7.81	4.98	0.823	1.52
2.75	13.9	5.36	0.838	1.63
2.8	11.45	3.46	0.853	1.05
2.85	6.23	4.14	0.869	1.26
2.9	7.11	6.17	0.884	1.88
2.95	15.56	5.85	0.899	1.78
3	18.28	6.34	0.914	1.93
3.05	29.14	7.75	0.93	2.36
3.1	114.07	8.13	0.945	2.48
3.15	76.03	8.14	0.96	2.48
3.2	99.52	8.24	0.975	2.51
3.25	72.76	9.64	0.991	2.94
3.3	55.88	8.61	1.006	2.62
3.35	39.94	8.83	1.021	2.69
3.4	31.47	5.85	1.036	1.78
3.45	31.73	8.25	1.052	2.51
3.5	26.37	7.65	1.067	2.33
3.55	22.68	7.53	1.082	2.29
3.6	20.84	6.99	1.097	2.13
3.65	21.42	7.25	1.113	2.21
3.7	26.21	6.07	1.128	1.85
3.75	26.61	6.37	1.143	1.94
3.8	25.3	6.63	1.158	2.02
3.85	23.65	7.24	1.173	2.21
3.9	23.33	8.47	1.189	2.58
3.95	20.66	7.98	1.204	2.43
4	20.83	6.87	1.219	2.09
4.05	18.92	8.06	1.234	2.46
4.1	19.96	9.78	1.25	2.98
4.15	20.98	7.52	1.265	2.29
4.2	22.99	7.62	1.28	2.32
4.25	23.49	7.56	1.295	2.3
4.3	23.25	8.62	1.311	2.63
4.35	25.62	7.02	1.326	2.14
4.4	24.81	8.61	1.341	2.63
4.45	29.91	9.66	1.356	2.94
4.5	31.45	9.02	1.372	2.75
4.55	98.23	8.06	1.387	2.46
4.6	82.61	7.62	1.402	2.32
4.65	116.31	7.25	1.417	2.21
4.7	86.65	9.78	1.433	2.98
4.75	77.83	7.94	1.448	2.42
4.8	49.41	7.2	1.463	2.19
4.85	37.71	6.96	1.478	2.12
4.9	32.85	8.59	1.494	2.62
4.95	25.93	7.88	1.509	2.4
5	34.46	9.37	1.524	2.86
5.05	36.73	7.05	1.539	2.15
5.1	21.37	6.45	1.554	1.97
5.15	70.68	8.64	1.57	2.63
5.2	63.84	7.17	1.585	2.19
5.25	56.92	6.09	1.6	1.86

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	44.46	7.78	1.615	2.37
5.35	37.23	6.67	1.631	2.03
5.4	33.12	8.12	1.646	2.47
5.45	38.06	8.99	1.661	2.74
5.5	52.53	8.16	1.676	2.49
5.55	42.26	8.22	1.692	2.51
5.6	57.13	7.65	1.707	2.33
5.65	46.07	6.21	1.722	1.89
5.7	73.53	7.85	1.737	2.39
5.75	55.27	8.34	1.753	2.54
5.8	42.13	7.72	1.768	2.35
5.85	33.07	10.04	1.783	3.06
5.9	26.53	9.12	1.798	2.78
5.95	23.77	10.69	1.814	3.26
6	23.38	9.92	1.829	3.02
6.05	23.69	11.09	1.844	3.38
6.1	32.85	9.95	1.859	3.03
6.15	31.42	11.04	1.875	3.36
6.2	28.21	11.14	1.89	3.39
6.25	28.61	10.17	1.905	3.1
6.3	26.8	8.26	1.92	2.52
6.35	23.4	9.02	1.935	2.75
6.4	22.7	9.29	1.951	2.83
6.45	22.35	9.3	1.966	2.84
6.5	22.68	8.45	1.981	2.57
6.55	24.84	8.79	1.996	2.68
6.6	26.42	10.16	2.012	3.1
6.65	29.21	8.5	2.027	2.59
6.7	31.1	8.48	2.042	2.58
6.75	31.05	8.62	2.057	2.63
6.8	30.03	7.18	2.073	2.19
6.85	29.01	8.96	2.088	2.73
6.9	27.01	7.57	2.103	2.31
6.95	26.5	9.13	2.118	2.78
7	26.75	8.59	2.134	2.62
7.05	26.88	7.87	2.149	2.4
7.1	27.94	8.97	2.164	2.73
7.15	27.97	8.22	2.179	2.51
7.2	27.98	7.81	2.195	2.38
7.25	26.99	7.71	2.21	2.35
7.3	25.5	7.38	2.225	2.25
7.35	26.25	6.06	2.24	1.85
7.4	19.62	2.25	2.256	0.69
7.45	19.31	5.18	2.271	1.58
7.5	28.66	6.26	2.286	1.91
7.55	27.83	5.07	2.301	1.55
7.6	22.91	6.2	2.316	1.89
7.65	19.96	8.89	2.332	2.71
7.7	20.98	8	2.347	2.44
7.75	22.49	9.22	2.362	2.81
7.8	24.74	11.04	2.377	3.36
7.85	26.37	12.95	2.393	3.95
7.9	27.69	11.89	2.408	3.62
7.95	26.34	11.15	2.423	3.4
8	39.17	7.99	2.438	2.43
8.05	83.09	10.75	2.454	3.28
8.1	56.54	14.66	2.469	4.47
8.15	43.27	14.41	2.484	4.39
8.2	65.64	16.06	2.499	4.9
8.25	107.32	16.35	2.515	4.98
8.3	122.66	18.14	2.53	5.53
8.35	116.83	17.41	2.545	5.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	74.41	19.1	2.56	5.82
8.45	51.21	18.15	2.576	5.53
8.5	36.6	18.75	2.591	5.71
8.55	28.3	18.43	2.606	5.62
8.6	26.65	18.82	2.621	5.74
8.65	32.83	15.95	2.637	4.86
8.7	82.91	17.81	2.652	5.43
8.75	113.96	16.46	2.667	5.02
8.8	71.48	17.74	2.682	5.41
8.85	46.24	19.45	2.697	5.93
8.9	32.62	19.97	2.713	6.09
8.95	26.31	19.23	2.728	5.86
9	22.65	19.02	2.743	5.8
9.05	22.33	21.58	2.758	6.58
9.1	22.16	19.74	2.774	6.02
9.15	22.08	19.19	2.789	5.85
9.2	22.54	18.24	2.804	5.56
9.25	22.77	18.18	2.819	5.54
9.3	22.89	19.96	2.835	6.08
9.35	23.44	18.32	2.85	5.58
9.4	27.22	17.4	2.865	5.3
9.45	29.61	18.33	2.88	5.59
9.5	30.81	17.68	2.896	5.39
9.55	31.9	18.77	2.911	5.72
9.6	31.45	18.44	2.926	5.62
9.65	26.73	19.44	2.941	5.92
9.7	23.86	16.98	2.957	5.18
9.75	21.93	18.39	2.972	5.61
9.8	20.47	18.53	2.987	5.65
9.85	20.73	18.06	3.002	5.5
9.9	22.37	19.57	3.018	5.96
9.95	23.68	17.71	3.033	5.4
10	23.84	16.18	3.048	4.93
10.05	23.92	18.02	3.063	5.49
10.1	23.96	21.19	3.078	6.46
10.15	23.48	20.06	3.094	6.11
10.2	23.24	19.38	3.109	5.91
10.25	23.12	17.69	3.124	5.39
10.3	23.56	20.35	3.139	6.2
10.35	24.28	17.3	3.155	5.27
10.4	24.64	18.07	3.17	5.51
10.45	24.82	17.97	3.185	5.48
10.5	24.91	19.8	3.2	6.04
10.55	24.96	21.17	3.216	6.45
10.6	24.98	19.29	3.231	5.88
10.65	25.49	17.19	3.246	5.24
10.7	26.24	18.22	3.261	5.55
10.75	27.12	20.61	3.277	6.28
10.8	27.56	18.68	3.292	5.69
10.85	27.78	19.68	3.307	6
10.9	27.39	17.76	3.322	5.41
10.95	26.7	19.69	3.338	6
11	25.85	18.74	3.353	5.71
11.05	25.42	19.61	3.368	5.98
11.1	25.21	17.54	3.383	5.35
11.15	25.11	18.11	3.399	5.52
11.2	25.55	17.76	3.414	5.41
11.25	25.78	17.83	3.429	5.43
11.3	26.39	18.53	3.444	5.65
11.35	26.69	19.03	3.459	5.8
11.4	26.85	19.33	3.475	5.89
11.45	26.92	19.81	3.49	6.04

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	26.96	18.17	3.505	5.54
11.55	26.98	18.04	3.52	5.5
11.6	26.99	18.58	3.536	5.66
11.65	26	16.66	3.551	5.08
11.7	25.5	17.84	3.566	5.44
11.75	25.25	17.94	3.581	5.47
11.8	25.12	17.47	3.597	5.32
11.85	25.06	17.99	3.612	5.48
11.9	25.53	17.94	3.627	5.47
11.95	26.77	18.26	3.642	5.57
12	26.88	19.48	3.658	5.94
12.05	25.44	18.8	3.673	5.73
12.1	23.72	18.05	3.688	5.5
12.15	22.36	18.55	3.703	5.66
12.2	22.18	18.51	3.719	5.64
12.25	23.09	18.08	3.734	5.51
12.3	24.05	17.04	3.749	5.2
12.35	24.02	17.82	3.764	5.43
12.4	24.01	16.3	3.78	4.97
12.45	23.01	16.91	3.795	5.15
12.5	22	13.45	3.81	4.1
12.55	22	0.22	3.825	0.07
12.6	22.5	5.85	3.84	1.78
12.65	23.25	7.4	3.856	2.25
12.7	24.13	8.88	3.871	2.71
12.75	24.06	10.53	3.886	3.21
12.8	24.53	13.86	3.901	4.23
12.85	24.77	13.55	3.917	4.13
12.9	24.88	7.92	3.932	2.41
12.95	24.94	7.4	3.947	2.25
13	24.97	9.63	3.962	2.93
13.05	24.99	12.13	3.978	3.7
13.1	24.49	15.3	3.993	4.66
13.15	24.25	18.13	4.008	5.53
13.2	24.12	16.23	4.023	4.95
13.25	24.56	15.67	4.039	4.77
13.3	24.78	18.78	4.054	5.72
13.35	24.89	18.72	4.069	5.71
13.4	24.95	18.66	4.084	5.69
13.45	24.47	19.71	4.1	6.01
13.5	24.24	18.41	4.115	5.61
13.55	24.12	18.62	4.13	5.68
13.6	24.06	20.76	4.145	6.33
13.65	24.03	18.35	4.161	5.59
13.7	24.51	17.74	4.176	5.41
13.75	24.76	18.33	4.191	5.59
13.8	24.88	19.82	4.206	6.04
13.85	24.44	20.53	4.221	6.26
13.9	24.22	17.67	4.237	5.39
13.95	24.11	18.98	4.252	5.79
14	24.05	17.02	4.267	5.19
14.05	24.53	18.4	4.282	5.61
14.1	24.76	19.44	4.298	5.93
14.15	24.88	18.36	4.313	5.6
14.2	24.94	19.5	4.328	5.94
14.25	25.47	20.09	4.343	6.12
14.3	26.24	21.13	4.359	6.44
14.35	26.12	18.94	4.374	5.77
14.4	25.56	19.98	4.389	6.09
14.45	24.28	18.99	4.404	5.79
14.5	23.64	19.8	4.42	6.03
14.55	22.82	18.82	4.435	5.74

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14.6	22.91	19.49	4.45	5.94
14.65	22.45	20.01	4.465	6.1
14.7	22.73	18.62	4.481	5.68
14.75	22.36	18.16	4.496	5.54
14.8	22.18	18.96	4.511	5.78
14.85	22.09	18.22	4.526	5.55
14.9	22.05	18.77	4.542	5.72
14.95	22.02	18.27	4.557	5.57
15	22.01	18.69	4.572	5.7
15.05	22.01	17.49	4.587	5.33
15.1	21.5	17.95	4.602	5.47
15.15	21.25	19.41	4.618	5.92
15.2	21.13	19.08	4.633	5.82
15.25	21.56	20.02	4.648	6.1
15.3	21.78	19.62	4.663	5.98
15.35	21.89	19.28	4.679	5.88
15.4	21.95	21.31	4.694	6.5
15.45	21.97	20.69	4.709	6.31
15.5	21.99	19.31	4.724	5.89
15.55	21.99	17.99	4.74	5.48
15.6	22.5	19.13	4.755	5.83
15.65	22.75	18.47	4.77	5.63
15.7	22.87	20.76	4.785	6.33
15.75	22.94	19.49	4.801	5.94
15.8	22.97	18.84	4.816	5.74
15.85	23.48	18.31	4.831	5.58
15.9	23.74	18.24	4.846	5.56
15.95	23.87	18.63	4.862	5.68
16	23.94	18.59	4.877	5.67
16.05	23.97	19.81	4.892	6.04
16.1	23.98	17.89	4.907	5.45
16.15	23.49	18.82	4.923	5.74
16.2	23.25	18.98	4.938	5.79
16.25	23.12	19.24	4.953	5.87
16.3	22.56	17.61	4.968	5.37
16.35	22.28	19.86	4.983	6.05
16.4	21.64	18.02	4.999	5.49
16.45	20.82	18.37	5.014	5.6
16.5	20.91	18.07	5.029	5.51
16.55	20.46	20.27	5.044	6.18
16.6	20.23	19.44	5.06	5.93
16.65	20.11	17.21	5.075	5.25
16.7	20.56	18.43	5.09	5.62
16.75	20.78	18.12	5.105	5.52
16.8	20.39	18.77	5.121	5.72
16.85	20.19	19.56	5.136	5.96
16.9	20.1	18.22	5.151	5.55
16.95	20.05	18.62	5.166	5.68
17	19.52	17.82	5.182	5.43
17.05	19.26	18.68	5.197	5.69
17.1	19.13	18.74	5.212	5.71
17.15	20.07	18.86	5.227	5.75
17.2	20.03	19.66	5.243	5.99
17.25	20.52	19.52	5.258	5.95
17.3	20.26	17.37	5.273	5.29
17.35	20.63	18.3	5.288	5.58
17.4	20.81	18.38	5.304	5.6
17.45	20.41	18.35	5.319	5.59
17.5	20.2	18	5.334	5.49
17.55	20.1	0	5.349	0
17.6	20.55	3.36	5.364	1.03
17.65	20.28	8.57	5.38	2.61

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17.7	20.64	7.1	5.395	2.16
17.75	20.32	7.39	5.41	2.25
17.8	20.16	10.5	5.425	3.2
17.85	20.08	10.08	5.441	3.07
17.9	20.04	11.27	5.456	3.43
17.95	19.52	11.68	5.471	3.56
18	19.76	12.89	5.486	3.93
18.05	19.38	13.07	5.502	3.98
18.1	18.69	15.12	5.517	4.61
18.15	17.84	15.99	5.532	4.87
18.2	17.92	14.09	5.547	4.29
18.25	17.96	16.63	5.563	5.07
18.3	17.48	14	5.578	4.27
18.35	17.24	14.17	5.593	4.32
18.4	16.62	13.86	5.608	4.23
18.45	16.81	12.99	5.624	3.96
18.5	16.91	13.98	5.639	4.26
18.55	16.45	13.66	5.654	4.16
18.6	16.73	14.94	5.669	4.55
18.65	16.86	11.66	5.685	3.55
18.7	16.93	15.34	5.7	4.68
18.75	16.47	15.73	5.715	4.8
18.8	16.23	14.3	5.73	4.36
18.85	15.62	14.49	5.745	4.42
18.9	15.81	12.41	5.761	3.78
18.95	15.9	14.8	5.776	4.51
19	15.95	12.85	5.791	3.92
19.05	15.98	14.01	5.806	4.27
19.1	15.99	15.3	5.822	4.66
19.15	15.99	13.88	5.837	4.23
19.2	16	13.28	5.852	4.05
19.25	16	14.05	5.867	4.28
19.3	16	13.75	5.883	4.19
19.35	16.5	14.82	5.898	4.52
19.4	16.25	15.66	5.913	4.77
19.45	16.12	16.86	5.928	5.14
19.5	15.56	15.83	5.944	4.82
19.55	15.28	16.23	5.959	4.95
19.6	15.14	16.46	5.974	5.02
19.65	15.07	15.01	5.989	4.57
19.7	15.04	16.46	6.005	5.02
19.75	15.02	16.28	6.02	4.96
19.8	14.51	16.63	6.035	5.07
19.85	14.75	17.66	6.05	5.38
19.9	14.88	16.76	6.066	5.11
19.95	14.94	18.66	6.081	5.69
20	14.97	16.12	6.096	4.91
20.05	14.48	18.36	6.111	5.6
20.1	14.74	18.07	6.126	5.51
20.15	14.37	17.8	6.142	5.42
20.2	14.69	17.09	6.157	5.21
20.25	14.84	18.37	6.172	5.6
20.3	14.92	20.89	6.187	6.37
20.35	14.96	17.93	6.203	5.47
20.4	14.98	18.3	6.218	5.58
20.45	14.99	18.51	6.233	5.64
20.5	15	21.17	6.248	6.45
20.55	15	17.82	6.264	5.43
20.6	15	18.97	6.279	5.78
20.65	15.5	18.19	6.294	5.55
20.7	15.25	17.86	6.309	5.44
20.75	14.62	18.23	6.325	5.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	14.31	17.46	6.34	5.32
20.85	14.16	18.5	6.355	5.64
20.9	14.58	19.45	6.37	5.93
20.95	15.29	19.01	6.386	5.79
21	17.14	17.99	6.401	5.48
21.05	28.07	19.25	6.416	5.87
21.1	25.04	17.82	6.431	5.43
21.15	27.52	18.17	6.447	5.54
21.2	27.26	17.8	6.462	5.43
21.25	23.63	18.34	6.477	5.59
21.3	21.31	18.92	6.492	5.77
21.35	16.16	19.79	6.507	6.03
21.4	9.58	19.32	6.523	5.89
21.45	6.29	17.78	6.538	5.42
21.5	5.64	18.98	6.553	5.78
21.55	9.82	19.02	6.568	5.8
21.6	6.41	19.24	6.584	5.86
21.65	6.21	18.32	6.599	5.59
21.7	71.1	18.47	6.614	5.63
21.75	91.55	18.45	6.629	5.62
21.8	73.28	17.4	6.645	5.3
21.85	53.14	18.17	6.66	5.54
21.9	48.07	16.96	6.675	5.17
21.95	43.03	18.75	6.69	5.72
22	40.02	16.68	6.706	5.08
22.05	37.51	18.48	6.721	5.63
22.1	42.25	18.95	6.736	5.78
22.15	45.13	18.51	6.751	5.64
22.2	49.06	19.14	6.767	5.84
22.25	43.53	18.68	6.782	5.69
22.3	36.77	17.69	6.797	5.39
22.35	38.38	18.96	6.812	5.78
22.4	30.19	18.81	6.828	5.73
22.45	25.6	19.12	6.843	5.83
22.5	23.3	18.96	6.858	5.78
22.55	20.15	2.35	6.873	0.72
22.6	19.57	5.87	6.888	1.79
22.65	19.29	5.32	6.904	1.62
22.7	18.14	5.48	6.919	1.67
22.75	17.07	6.44	6.934	1.96
22.8	17.04	7.99	6.949	2.43
22.85	16.52	10.13	6.965	3.09
22.9	16.26	3.82	6.98	1.16
22.95	17.63	6.59	6.995	2.01
23	19.31	10.75	7.01	3.28
23.05	20.16	11.47	7.026	3.49
23.1	20.08	12.26	7.041	3.74
23.15	20.04	11.96	7.056	3.64
23.2	20.52	15.61	7.071	4.76
23.25	20.76	15.82	7.087	4.82
23.3	20.88	16.66	7.102	5.08
23.35	20.44	17.38	7.117	5.3
23.4	23.22	18.57	7.132	5.66
23.45	29.11	19.13	7.148	5.83
23.5	27.05	17.19	7.163	5.24
23.55	24.03	18.5	7.178	5.64
23.6	26.51	21.9	7.193	6.68
23.65	26.76	17.8	7.208	5.42
23.7	24.88	18.82	7.224	5.74
23.75	21.94	19.55	7.239	5.96
23.8	18.97	20.38	7.254	6.21
23.85	16.98	19.69	7.269	6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	15.99	18.44	7.285	5.62
23.95	16.5	19.53	7.3	5.95
24	17.25	20.66	7.315	6.3
24.05	17.62	19.22	7.33	5.86
24.1	17.81	18.22	7.346	5.55
24.15	17.91	18.23	7.361	5.56
24.2	17.95	17.79	7.376	5.42
24.25	18.98	18.91	7.391	5.76
24.3	21.99	18.5	7.407	5.64
24.35	35.99	19.57	7.422	5.97
24.4	32	18.43	7.437	5.62
24.45	27.5	16.42	7.452	5.01
24.5	27.75	17.9	7.468	5.46
24.55	48.37	17.76	7.483	5.41
24.6	133.19	17.09	7.498	5.21
24.65	184.09	19.5	7.513	5.94
24.7	133.05	18.1	7.529	5.52
24.75	77.52	19.6	7.544	5.97
24.8	44.26	19.01	7.559	5.79
24.85	23.13	19.73	7.574	6.02
24.9	13.07	19.54	7.589	5.96
24.95	8.03	18.47	7.605	5.63
25	7.02	18.17	7.62	5.54
25.05	6.01	19.55	7.635	5.96
25.1	4.5	20.28	7.65	6.18
25.15	4.25	18.29	7.666	5.58
25.2	4.13	18.72	7.681	5.7
25.25	4.56	17.9	7.696	5.46
25.3	4.28	18.65	7.711	5.68
25.35	4.14	18.02	7.727	5.49
25.4	4.07	18.58	7.742	5.66
25.45	4.04	20.81	7.757	6.34
25.5	3.52	18.38	7.772	5.6
25.55	3.26	17.16	7.788	5.23
25.6	5.13	19.06	7.803	5.81
25.65	6.06	17.31	7.818	5.28
25.7	6.53	16.82	7.833	5.13
25.75	4.77	17.66	7.849	5.38
25.8	5.88	17.83	7.864	5.44
25.85	8.94	16.28	7.879	4.96
25.9	7.47	18.3	7.894	5.58
25.95	9.24	17.57	7.91	5.36
26	6.62	17.45	7.925	5.32
26.05	5.31	17.55	7.94	5.35
26.1	5.65	17.19	7.955	5.24
26.15	5.83	17.34	7.97	5.28
26.2	6.41	17.93	7.986	5.47
26.25	5.21	16.37	8.001	4.99
26.3	6.1	18.44	8.016	5.62
26.35	6.55	17.29	8.031	5.27
26.4	12.28	18.25	8.047	5.56
26.45	11.64	16.29	8.062	4.97
26.5	10.32	16.51	8.077	5.03
26.55	9.66	16.71	8.092	5.09
26.6	9.83	17.1	8.108	5.21
26.65	10.41	16.52	8.123	5.04
26.7	11.21	17.49	8.138	5.33
26.75	11.6	16.48	8.153	5.02
26.8	12.8	16.36	8.169	4.99
26.85	13.9	17.24	8.184	5.25
26.9	14.95	16.41	8.199	5
26.95	15.98	17.45	8.214	5.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	16.99	16.58	8.23	5.05
27.05	18.49	17.4	8.245	5.3
27.1	18.75	16.25	8.26	4.95
27.15	18.87	17.4	8.275	5.3
27.2	18.94	16.58	8.291	5.05
27.25	18.97	16.74	8.306	5.1
27.3	18.48	15.66	8.321	4.77
27.35	18.24	15.36	8.336	4.68
27.4	18.12	14.51	8.351	4.42
27.45	18.06	16.51	8.367	5.03
27.5	17.53	15.59	8.382	4.75
27.55	17.27	1.61	8.397	0.49
27.6	17.13	4.5	8.412	1.37
27.65	16.57	5.76	8.428	1.76
27.7	16.78	5.61	8.443	1.71
27.75	16.89	5.9	8.458	1.8
27.8	16.95	6.77	8.473	2.06
27.85	16.97	7.76	8.489	2.36
27.9	16.99	8.34	8.504	2.54
27.95	16.99	7.65	8.519	2.33
28	17	10.56	8.534	3.22
28.05	16.5	8.09	8.55	2.47
28.1	16.25	9.38	8.565	2.86
28.15	16.12	5.83	8.58	1.78
28.2	16.06	7.98	8.595	2.43
28.25	15.53	8.93	8.611	2.72
28.3	15.27	12.93	8.626	3.94
28.35	15.63	11.85	8.641	3.61
28.4	15.82	17.93	8.656	5.46
28.45	15.91	18.26	8.672	5.57
28.5	15.95	15.53	8.687	4.73
28.55	15.98	17.11	8.702	5.22
28.6	15.99	16.23	8.717	4.95
28.65	15.99	18.19	8.732	5.54
28.7	16	18.77	8.748	5.72
28.75	16	18.33	8.763	5.59
28.8	16	17.5	8.778	5.33
28.85	16	18.92	8.793	5.77
28.9	16	16.24	8.809	4.95
28.95	16.5	18.23	8.824	5.56
29	16.75	17.51	8.839	5.34
29.05	16.87	18.9	8.854	5.76
29.1	16.94	18.95	8.87	5.77
29.15	16.97	18.48	8.885	5.63
29.2	17.48	19.5	8.9	5.95
29.25	17.74	18.96	8.915	5.78
29.3	17.87	18.21	8.931	5.55
29.35	17.94	17.59	8.946	5.36
29.4	17.97	11.69	8.961	3.56
29.45	18.48	7.31	8.976	2.23
29.5	18.74	8.11	8.992	2.47
29.55	18.87	8.86	9.007	2.7
29.6	18.44	8.93	9.022	2.72
29.65	18.72	9.65	9.037	2.94
29.7	18.36	8.45	9.053	2.58
29.75	18.18	7.36	9.068	2.24
29.8	17.59	7.14	9.083	2.18
29.85	16.79	10.06	9.098	3.07
29.9	15.4	10.28	9.113	3.13
29.95	15.2	11.03	9.129	3.36
30	15.6	9.59	9.144	2.92
30.05	16.3	10.05	9.159	3.06

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	16.65	7.96	9.174	2.43
30.15	17.82	8.69	9.19	2.65
30.2	18.91	10.17	9.205	3.1
30.25	21.46	9.97	9.22	3.04
30.3	25.73	8.7	9.235	2.65
30.35	28.36	9.84	9.251	3
30.4	28.68	9.97	9.266	3.04
30.45	29.84	7.08	9.281	2.16
30.5	33.42	6.15	9.296	1.87
30.55	31.71	6.29	9.312	1.92
30.6	29.36	5.73	9.327	1.75
30.65	31.18	5.95	9.342	1.81
30.7	24.59	8.39	9.357	2.56
30.75	20.79	11.39	9.373	3.47
30.8	18.4	13.33	9.388	4.06
30.85	21.7	13.14	9.403	4
30.9	18.35	12.19	9.418	3.72
30.95	16.67	13.35	9.434	4.07
31	17.34	14.67	9.449	4.47
31.05	45.67	12.89	9.464	3.93
31.1	51.83	13.45	9.479	4.1
31.15	40.42	14.07	9.494	4.29
31.2	32.71	13.76	9.51	4.19
31.25	30.85	15.19	9.525	4.63
31.3	20.93	14.51	9.54	4.42
31.35	16.46	15.73	9.555	4.79
31.4	19.23	13.55	9.571	4.13
31.45	24.12	12.17	9.586	3.71
31.5	29.56	12.09	9.601	3.69
31.55	36.78	12.21	9.616	3.72
31.6	59.39	13.26	9.632	4.04
31.65	102.19	11.2	9.647	3.42
31.7	61.1	12.02	9.662	3.66
31.75	39.05	10.42	9.677	3.18
31.8	27.52	9.82	9.693	2.99
31.85	21.26	10.47	9.708	3.19
31.9	17.63	8.76	9.723	2.67
31.95	15.32	10.53	9.738	3.21
32	14.16	11.04	9.754	3.36
32.05	14.08	9.36	9.769	2.85
32.1	17.04	10.51	9.784	3.2
32.15	17.52	10.89	9.799	3.32
32.2	20.26	8.99	9.814	2.74
32.25	25.63	11.93	9.83	3.64
32.3	29.81	10.63	9.845	3.24
32.35	25.91	11.18	9.86	3.41
32.4	22.95	9.22	9.875	2.81
32.45	20.98	10.27	9.891	3.13
32.5	17.49	8.4	9.906	2.56
32.55	13.74	3.27	9.921	1
32.6	22.87	5.72	9.936	1.74
32.65	25.44	6.56	9.952	2
32.7	22.72	5.86	9.967	1.79
32.75	17.36	8.32	9.982	2.54
32.8	15.18	6.05	9.997	1.84
32.85	14.59	5.4	10.013	1.65
32.9	14.79	5.46	10.028	1.66
32.95	15.9	8.55	10.043	2.61
33	16.95	8.56	10.058	2.61
33.05	18.47	5.55	10.074	1.69
33.1	20.74	6.22	10.089	1.89
33.15	22.87	6.21	10.104	1.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	25.43	5.5	10.119	1.68
33.25	25.22	6.62	10.135	2.02
33.3	25.11	4.86	10.15	1.48
33.35	21.05	6.2	10.165	1.89
33.4	18.03	7.21	10.18	2.2
33.45	16.01	9.09	10.195	2.77
33.5	15.01	7.96	10.211	2.43
33.55	14.5	8.55	10.226	2.6
33.6	14.75	8.91	10.241	2.72
33.65	14.88	7.1	10.256	2.17
33.7	14.94	7.59	10.272	2.31
33.75	12.97	6.69	10.287	2.04
33.8	10.98	7.43	10.302	2.26
33.85	9.49	7.64	10.317	2.33
33.9	8.25	7.51	10.333	2.29
33.95	8.12	6.46	10.348	1.97
34	8.56	8.08	10.363	2.46
34.05	9.28	8.03	10.378	2.45
34.1	11.64	8.1	10.394	2.47
34.15	13.32	9.3	10.409	2.84
34.2	14.16	9.5	10.424	2.89
34.25	16.08	9.14	10.439	2.79
34.3	17.04	9.25	10.455	2.82
34.35	18.52	10.32	10.47	3.15
34.4	20.76	9.86	10.485	3.01
34.45	20.88	10.8	10.5	3.29
34.5	20.94	9.99	10.516	3.04
34.55	22.97	12.04	10.531	3.67
34.6	25.49	10.09	10.546	3.08
34.65	27.24	11.47	10.561	3.5
34.7	28.12	9.65	10.576	2.94
34.75	28.56	12.3	10.592	3.75
34.8	29.28	9.58	10.607	2.92
34.85	29.14	8.42	10.622	2.57
34.9	29.07	9.18	10.637	2.8
34.95	28.54	9.29	10.653	2.83
35	27.77	9.19	10.668	2.8
35.05	27.38	9.26	10.683	2.82
35.1	27.69	9.37	10.698	2.86
35.15	27.35	11.09	10.714	3.38
35.2	27.17	10.65	10.729	3.25
35.25	28.09	11.1	10.744	3.38
35.3	31.04	13.25	10.759	4.04
35.35	33.02	13.02	10.775	3.97
35.4	34.01	13.39	10.79	4.08
35.45	29.51	15.29	10.805	4.66
35.5	24.25	16.51	10.82	5.03
35.55	20.13	15.5	10.836	4.73
35.6	17.06	14.94	10.851	4.55
35.65	15.03	14.62	10.866	4.46
35.7	15.02	14.8	10.881	4.51
35.75	15.01	14.95	10.897	4.56
35.8	15	14.64	10.912	4.46
35.85	18.5	16.06	10.927	4.9
35.9	20.75	15.44	10.942	4.71
35.95	20.88	14.67	10.957	4.47
36	21.94	14.96	10.973	4.56
36.05	22.97	14.99	10.988	4.57
36.1	22.98	16.26	11.003	4.95
36.15	21.49	14.98	11.018	4.57
36.2	21.25	14.85	11.034	4.53
36.25	20.12	14.9	11.049	4.54

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	20.06	14.96	11.064	4.56
36.35	22.03	14.3	11.079	4.36
36.4	24.02	13.64	11.095	4.16
36.45	24.51	14.61	11.11	4.45
36.5	24.75	14.87	11.125	4.53
36.55	24.88	16.02	11.14	4.88
36.6	25.44	15.21	11.156	4.63
36.65	25.72	13.93	11.171	4.25
36.7	25.86	15.17	11.186	4.62
36.75	26.43	15.59	11.201	4.75
36.8	26.71	14.15	11.217	4.31
36.85	26.36	15.94	11.232	4.86
36.9	26.18	15.97	11.247	4.87
36.95	25.59	14.83	11.262	4.52
37	24.79	15.62	11.278	4.76
37.05	24.4	14.63	11.293	4.46
37.1	24.2	14.52	11.308	4.42
37.15	24.1	12.7	11.323	3.87
37.2	24.05	12.54	11.338	3.82
37.25	24.02	14.02	11.354	4.27
37.3	23.51	14.1	11.369	4.3
37.35	23.76	13.48	11.384	4.11
37.4	23.38	13.89	11.399	4.23
37.45	23.69	12.6	11.415	3.84
37.5	23.34	10.16	11.43	3.1
37.55	23.17	1.36	11.445	0.41
37.6	23.09	12.23	11.46	3.73
37.65	22.54	7.93	11.476	2.42
37.7	22.77	9.44	11.491	2.88
37.75	22.39	9.05	11.506	2.76
37.8	21.69	12.15	11.521	3.7
37.85	21.35	13.02	11.537	3.97
37.9	21.67	14.45	11.552	4.4
37.95	21.84	16.36	11.567	4.99
38	21.92	17.44	11.582	5.32
38.05	21.96	16.75	11.598	5.11
38.1	22.48	19.75	11.613	6.02
38.15	22.74	17.09	11.628	5.21
38.2	22.37	17.18	11.643	5.24
38.25	22.18	17.67	11.659	5.39
38.3	22.09	17.68	11.674	5.39
38.35	21.55	17.07	11.689	5.2
38.4	20.77	18.78	11.704	5.72
38.45	20.39	20.21	11.719	6.16
38.5	21.19	19.19	11.735	5.85
38.55	21.6	16.44	11.75	5.01
38.6	21.8	19.7	11.765	6
38.65	21.4	18.35	11.78	5.59
38.7	21.2	18.29	11.796	5.57
38.75	20.6	18.83	11.811	5.74
38.8	20.3	19.3	11.826	5.88
38.85	20.15	18.06	11.841	5.51
38.9	20.07	19.73	11.857	6.01
38.95	20.54	20.22	11.872	6.16
39	20.27	20.68	11.887	6.3
39.05	19.63	18.92	11.902	5.77
39.1	19.32	19.38	11.918	5.91
39.15	19.66	20.29	11.933	6.18
39.2	19.83	18.16	11.948	5.54
39.25	19.91	19.15	11.963	5.84
39.3	20.96	20	11.979	6.1
39.35	20.98	19.67	11.994	6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	19.99	19.92	12.009	6.07
39.45	19.99	18.44	12.024	5.62
39.5	20.5	18.99	12.04	5.79
39.55	20.75	16.89	12.055	5.15
39.6	20.37	16.81	12.07	5.12
39.65	20.19	19.72	12.085	6.01
39.7	19.09	18.49	12.1	5.64
39.75	18.55	18.65	12.116	5.68
39.8	18.77	18.69	12.131	5.7
39.85	18.39	18.34	12.146	5.59
39.9	18.19	18.53	12.161	5.65
39.95	18.6	18.76	12.177	5.72
40	18.3	18.49	12.192	5.64
40.05	18.65	20.61	12.207	6.28
40.1	18.82	17.74	12.222	5.41
40.15	18.91	18.31	12.238	5.58
40.2	18.96	18.81	12.253	5.73
40.25	18.98	20.15	12.268	6.14
40.3	18.49	19.16	12.283	5.84
40.35	18.24	18.28	12.299	5.57
40.4	17.62	19.76	12.314	6.02
40.45	17.81	18.66	12.329	5.69
40.5	18.41	17.81	12.344	5.43
40.55	18.7	19.94	12.36	6.08
40.6	18.85	18.66	12.375	5.69
40.65	18.93	20.28	12.39	6.18
40.7	19.46	19.62	12.405	5.98
40.75	19.23	18.01	12.42	5.49
40.8	20.12	17.7	12.436	5.39
40.85	20.06	19.07	12.451	5.81
40.9	20.53	18.06	12.466	5.5
40.95	20.76	18.3	12.481	5.58
41	20.38	17.38	12.497	5.3
41.05	20.19	17.96	12.512	5.47
41.1	20.6	17.62	12.527	5.37
41.15	20.8	17.81	12.542	5.43
41.2	20.9	18.58	12.558	5.66
41.25	20.95	17.35	12.573	5.29
41.3	20.97	17.82	12.588	5.43
41.35	20.99	17.82	12.603	5.43
41.4	21.99	21.15	12.619	6.45
41.45	22.5	19.21	12.634	5.85
41.5	22.75	19.08	12.649	5.82
41.55	22.87	19.46	12.664	5.93
41.6	22.94	19.52	12.68	5.95
41.65	22.97	18.68	12.695	5.69
41.7	22.98	18.77	12.71	5.72
41.75	22.49	17.76	12.725	5.41
41.8	22.25	18.43	12.741	5.62
41.85	21.62	17.02	12.756	5.19
41.9	21.81	18.24	12.771	5.56
41.95	21.41	18.78	12.786	5.73
42	21.2	18.37	12.801	5.6
42.05	20.6	16.93	12.817	5.16
42.1	20.3	17.03	12.832	5.19
42.15	20.15	17.69	12.847	5.39
42.2	20.08	18.73	12.862	5.71
42.25	19.54	16.22	12.878	4.94
42.3	19.27	17.2	12.893	5.24
42.35	19.63	15.99	12.908	4.87
42.4	19.82	15.69	12.923	4.78
42.45	19.91	14.59	12.939	4.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	19.95	6.81	12.954	2.08
42.55	19.48	0	12.969	0
42.6	19.24	3.27	12.984	1
42.65	19.62	4.79	13	1.46
42.7	19.81	5.69	13.015	1.73
42.75	19.4	7.31	13.03	2.23
42.8	19.2	8.19	13.045	2.5
42.85	19.6	2.84	13.061	0.87
42.9	19.8	5.2	13.076	1.58
42.95	19.9	8.15	13.091	2.48
43	19.45	7.57	13.106	2.31
43.05	19.23	7.11	13.122	2.17
43.1	19.11	8.13	13.137	2.48
43.15	18.56	8.16	13.152	2.49
43.2	18.78	9.39	13.167	2.86
43.25	18.89	8.82	13.182	2.69
43.3	19.44	8.48	13.198	2.59
43.35	19.72	7.61	13.213	2.32
43.4	20.36	8.66	13.228	2.64
43.45	21.18	9.88	13.243	3.01
43.5	21.59	7.19	13.259	2.19
43.55	22.3	7.75	13.274	2.36
43.6	22.65	7.4	13.289	2.25
43.65	23.32	8.78	13.304	2.68
43.7	23.66	8.62	13.32	2.63
43.75	23.83	8.93	13.335	2.72
43.8	24.42	9.36	13.35	2.85
43.85	24.71	7.99	13.365	2.44
43.9	25.35	8.38	13.381	2.55
43.95	25.68	8.99	13.396	2.74
44	26.34	9.39	13.411	2.86
44.05	26.17	10.32	13.426	3.15
44.1	26.08	10.37	13.442	3.16
44.15	26.04	9.31	13.457	2.84
44.2	25.52	11.19	13.472	3.41
44.25	25.26	13.54	13.487	4.13
44.3	25.13	12.94	13.503	3.94
44.35	25.07	12.21	13.518	3.72
44.4	25.53	15.8	13.533	4.82
44.45	25.77	15.2	13.548	4.63
44.5	25.88	14.54	13.563	4.43
44.55	25.44	17.42	13.579	5.31
44.6	25.22	14.2	13.594	4.33
44.65	25.11	15.44	13.609	4.71
44.7	25.06	15.15	13.624	4.62
44.75	25.03	15.25	13.64	4.65
44.8	24.51	14.71	13.655	4.48
44.85	23.76	14.74	13.67	4.49
44.9	23.38	15.58	13.685	4.75
44.95	23.19	15.07	13.701	4.59
45	23.09	16.45	13.716	5.01
45.05	22.55	15.98	13.731	4.87
45.1	22.27	15.05	13.746	4.59
45.15	22.14	17.39	13.762	5.3
45.2	22.07	15.61	13.777	4.76
45.25	22.03	15.32	13.792	4.67
45.3	22.02	17.25	13.807	5.26
45.35	22.01	15.34	13.823	4.68
45.4	22	15.55	13.838	4.74
45.45	22.5	16.23	13.853	4.95
45.5	23.25	15.54	13.868	4.74
45.55	23.63	16.78	13.884	5.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	23.81	15.85	13.899	4.83
45.65	24.41	15.35	13.914	4.68
45.7	24.2	15.23	13.929	4.64
45.75	24.1	15.74	13.944	4.8
45.8	23.55	15.67	13.96	4.78
45.85	23.78	13.97	13.975	4.26
45.9	23.89	14.13	13.99	4.31
45.95	23.94	14.65	14.005	4.47
46	23.97	16.52	14.021	5.04
46.05	23.99	15.01	14.036	4.58
46.1	23.99	15.49	14.051	4.72
46.15	24	14.99	14.066	4.57
46.2	23.5	14.93	14.082	4.55
46.25	23.25	14.89	14.097	4.54
46.3	23.12	15.43	14.112	4.7
46.35	23.56	15.42	14.127	4.7
46.4	24.28	15.99	14.143	4.87
46.45	25.14	16.65	14.158	5.08
46.5	25.57	16.83	14.173	5.13
46.55	25.79	14.54	14.188	4.43
46.6	25.89	14.66	14.204	4.47
46.65	25.95	14.84	14.219	4.52
46.7	26.47	16.52	14.234	5.04
46.75	26.24	15.57	14.249	4.75
46.8	26.12	15.57	14.265	4.74
46.85	26.06	16.67	14.28	5.08
46.9	25.53	15.91	14.295	4.85
46.95	25.26	14.89	14.31	4.54
47	25.13	15.31	14.325	4.67
47.05	25.07	14.1	14.341	4.3
47.1	24.53	15.26	14.356	4.65
47.15	24.27	15.79	14.371	4.81
47.2	24.13	13.88	14.386	4.23
47.25	23.57	15.82	14.402	4.82
47.3	23.28	15.23	14.417	4.64
47.35	23.14	14.95	14.432	4.56
47.4	23.07	16.1	14.447	4.91
47.45	23.04	14.61	14.463	4.45
47.5	22.52	12.34	14.478	3.76
47.55	21.76	1.81	14.493	0.55
47.6	21.38	5.29	14.508	1.61
47.65	21.19	6.38	14.524	1.94
47.7	21.09	7.27	14.539	2.22
47.75	21.55	9.83	14.554	3
47.8	21.77	10.15	14.569	3.09
47.85	20.89	2.05	14.585	0.63
47.9	20.44	5.09	14.6	1.55
47.95	20.22	5.67	14.615	1.73
48	19.61	7.11	14.63	2.17
48.05	19.31	9.97	14.646	3.04
48.1	19.15	10.65	14.661	3.24
48.15	18.58	11.69	14.676	3.56
48.2	18.29	10.78	14.691	3.29
48.25	18.14	16.38	14.706	4.99
48.3	18.57	14.61	14.722	4.45
48.35	19.29	13.87	14.737	4.23
48.4	20.14	15.8	14.752	4.82
48.45	20.57	17.07	14.767	5.2
48.5	20.79	16.37	14.783	4.99
48.55	20.89	15.19	14.798	4.63
48.6	20.95	16.33	14.813	4.98
48.65	20.97	16.84	14.828	5.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	20.99	14.38	14.844	4.38
48.75	20.49	13.07	14.859	3.99
48.8	19.75	12.99	14.874	3.96
48.85	18.37	11.03	14.889	3.36
48.9	17.19	11.49	14.905	3.5
48.95	16.09	9.31	14.92	2.84
49	15.55	11.5	14.935	3.5
49.05	15.27	12.74	14.95	3.88
49.1	15.64	11.29	14.966	3.44
49.15	15.82	11.59	14.981	3.53
49.2	14.91	12.28	14.996	3.74
49.25	14.45	9.15	15.011	2.79
49.3	13.73	9.08	15.026	2.77
49.35	13.36	7.53	15.042	2.29
49.4	13.18	7.32	15.057	2.23
49.45	13.09	8.01	15.072	2.44
49.5	12.55	7.54	15.087	2.3
49.55	12.77	9.24	15.103	2.82
49.6	12.89	9.67	15.118	2.95
49.65	13.44	9.95	15.133	3.03
49.7	13.72	9.53	15.148	2.9
49.75	13.86	9.48	15.164	2.89
49.8	12.93	10	15.179	3.05
49.85	11.97	11.07	15.194	3.37
49.9	10.98	10.53	15.209	3.21
49.95	10.49	10.59	15.225	3.23
50	9.75	9.06	15.24	2.76
50.05	9.37	9.21	15.255	2.81
50.1	8.69	7.45	15.27	2.27
50.15	8.34	8.37	15.286	2.55
50.2	9.17	6.09	15.301	1.86
50.25	11.09	6.43	15.316	1.96
50.3	12.04	5.46	15.331	1.66
50.35	14.52	6.79	15.347	2.07
50.4	16.76	6.42	15.362	1.96
50.45	18.38	8.11	15.377	2.47
50.5	19.19	7.87	15.392	2.4
50.55	19.1	5.99	15.407	1.83
50.6	18.05	5.6	15.423	1.71
50.65	17.02	5.82	15.438	1.77
50.7	15.51	4.5	15.453	1.37
50.75	13.76	5.01	15.468	1.53
50.8	11.88	5.41	15.484	1.65
50.85	10.44	6.36	15.499	1.94
50.9	9.72	5.75	15.514	1.75
50.95	8.86	4.64	15.529	1.41
51	8.43	6.46	15.545	1.97
51.05	8.21	6.31	15.56	1.92
51.1	8.11	4.63	15.575	1.41
51.15	8.05	5.75	15.59	1.75
51.2	8.03	6.09	15.606	1.86
51.25	8.01	5.7	15.621	1.74
51.3	7.51	7.13	15.636	2.17
51.35	7.25	5.34	15.651	1.63
51.4	7.13	7.01	15.667	2.14
51.45	7.06	6.38	15.682	1.95
51.5	7.03	6.5	15.697	1.98
51.55	6.52	5.66	15.712	1.73
51.6	6.26	5.68	15.728	1.73
51.65	6.13	6.09	15.743	1.86
51.7	6.56	6.07	15.758	1.85
51.75	6.78	5.6	15.773	1.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	6.89	4.64	15.788	1.41
51.85	6.95	6.4	15.804	1.95
51.9	6.97	5.61	15.819	1.71
51.95	6.99	5.45	15.834	1.66
52	6.99	5.36	15.849	1.63
52.05	7	6.09	15.865	1.86
52.1	7	6.44	15.88	1.96
52.15	7	6.2	15.895	1.89
52.2	6.5	5.13	15.91	1.56
52.25	6.75	6.49	15.926	1.98
52.3	6.87	5.63	15.941	1.72
52.35	6.94	6.69	15.956	2.04
52.4	6.97	5.29	15.971	1.61
52.45	6.98	6.3	15.987	1.92
52.5	6.99	5.01	16.002	1.53
52.55	6.5	0	16.017	0
52.6	6.25	3.73	16.032	1.14
52.65	6.12	6.17	16.048	1.88
52.7	6.06	6.35	16.063	1.93
52.75	5.53	5.29	16.078	1.61
52.8	4.77	6.62	16.093	2.02
52.85	4.38	4.41	16.109	1.35
52.9	4.69	5.51	16.124	1.68
52.95	4.85	6.43	16.139	1.96
53	4.92	7.62	16.154	2.32
53.05	4.96	7.58	16.169	2.31
53.1	5.48	8.51	16.185	2.59
53.15	5.74	6.96	16.2	2.12
53.2	6.37	9.77	16.215	2.98
53.25	6.69	9.92	16.23	3.02
53.3	6.84	8.43	16.246	2.57
53.35	6.42	8.39	16.261	2.56
53.4	6.21	10.14	16.276	3.09
53.45	5.61	10.58	16.291	3.22
53.5	5.3	10.66	16.307	3.25
53.55	5.65	9.46	16.322	2.88
53.6	6.33	8.72	16.337	2.66
53.65	7.16	10.47	16.352	3.19
53.7	23.08	10.4	16.368	3.17
53.75	78.54	9.47	16.383	2.89
53.8	51.77	12.47	16.398	3.8
53.85	32.89	8.07	16.413	2.46
53.9	21.94	9.94	16.429	3.03
53.95	15.47	8.99	16.444	2.74
54	11.74	8.27	16.459	2.52
54.05	9.87	8.58	16.474	2.62
54.1	9.43	9.73	16.49	2.96
54.15	9.72	8.9	16.505	2.71
54.2	10.86	5.86	16.52	1.79
54.25	11.93	6.59	16.535	2.01
54.3	12.96	6.55	16.55	2
54.35	13.48	8.79	16.566	2.68
54.4	14.24	9.82	16.581	2.99
54.45	14.62	9.98	16.596	3.04
54.5	14.31	9.84	16.611	3
54.55	14.16	9.91	16.627	3.02
54.6	13.58	11.01	16.642	3.36
54.65	13.79	10.26	16.657	3.13
54.7	13.89	9.18	16.672	2.8
54.75	14.45	9.12	16.688	2.78
54.8	15.72	8.99	16.703	2.74
54.85	17.36	10.1	16.718	3.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	18.68	8.64	16.733	2.63
54.95	19.84	11.18	16.749	3.41
55	20.42	9.12	16.764	2.78
55.05	20.71	9.2	16.779	2.8
55.1	19.86	8.76	16.794	2.67
55.15	18.93	7.56	16.81	2.3
55.2	18.96	7.34	16.825	2.24
55.25	18.98	6.91	16.84	2.11
55.3	18.49	6.75	16.855	2.06
55.35	18.75	7.87	16.871	2.4
55.4	18.87	8.45	16.886	2.58
55.45	19.94	9.28	16.901	2.83
55.5	19.97	7.18	16.916	2.19
55.55	18.48	6.11	16.931	1.86
55.6	17.74	7.36	16.947	2.24
55.65	15.87	8.46	16.962	2.58
55.7	14.94	9.22	16.977	2.81
55.75	14.97	8.17	16.992	2.49
55.8	14.98	8.44	17.008	2.57
55.85	15.49	7.98	17.023	2.43
55.9	15.75	7.69	17.038	2.34
55.95	15.37	7.67	17.053	2.34
56	14.69	7.65	17.069	2.33
56.05	14.84	7.41	17.084	2.26
56.1	14.92	8.82	17.099	2.69
56.15	14.46	7.63	17.114	2.33
56.2	14.73	8.75	17.13	2.67
56.25	15.87	9.39	17.145	2.86
56.3	17.43	7.71	17.16	2.35
56.35	18.72	8.5	17.175	2.59
56.4	19.86	7.86	17.191	2.39
56.45	19.93	7.12	17.206	2.17
56.5	19.46	7.61	17.221	2.32
56.55	19.73	7.38	17.236	2.25
56.6	20.37	8.6	17.252	2.62
56.65	21.18	8.92	17.267	2.72
56.7	22.59	9.01	17.282	2.75
56.75	23.8	9.62	17.297	2.93
56.8	25.9	8.82	17.312	2.69
56.85	25.45	8.6	17.328	2.62
56.9	22.72	8.73	17.343	2.66
56.95	18.86	9.6	17.358	2.93
57	14.93	10.2	17.373	3.11
57.05	12.97	8.75	17.389	2.67
57.1	11.98	9.57	17.404	2.92
57.15	13.49	10.29	17.419	3.14
57.2	15.25	11.56	17.434	3.52
57.25	16.62	10	17.45	3.05
57.3	18.31	10.24	17.465	3.12
57.35	19.66	9.4	17.48	2.87
57.4	20.33	10.64	17.495	3.24
57.45	20.66	9.89	17.511	3.01
57.5	19.83	5.7	17.526	1.74
57.55	19.42	3.06	17.541	0.93
57.6	19.21	4.38	17.556	1.34
57.65	18.6	5.69	17.572	1.73
57.7	18.3	6	17.587	1.83
57.75	18.65	9.3	17.602	2.83
57.8	18.83	9.39	17.617	2.86
57.85	18.91	11.04	17.632	3.37
57.9	18.96	7.76	17.648	2.36
57.95	19.48	6.84	17.663	2.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	19.74	8.95	17.678	2.73
58.05	20.37	9.44	17.693	2.88
58.1	20.68	11	17.709	3.35
58.15	20.84	7.61	17.724	2.32
58.2	20.92	10.04	17.739	3.06
58.25	20.46	10.62	17.754	3.24
58.3	19.73	10.53	17.77	3.21
58.35	18.87	9.84	17.785	3
58.4	18.93	10.52	17.8	3.21
58.45	18.97	9.75	17.815	2.97
58.5	18.48	8.9	17.831	2.71
58.55	17.74	9.55	17.846	2.91
58.6	16.37	8.84	17.861	2.69
58.65	15.19	10.71	17.876	3.27
58.7	14.09	11.04	17.892	3.37
58.75	13.55	8.27	17.907	2.52
58.8	13.27	9.6	17.922	2.92
58.85	13.14	7.09	17.937	2.16
58.9	13.57	8.6	17.953	2.62
58.95	13.78	9.63	17.968	2.94
59	13.89	8.78	17.983	2.68
59.05	13.95	7.88	17.998	2.4
59.1	13.47	8.28	18.013	2.52
59.15	13.24	8.13	18.029	2.48
59.2	13.62	7.31	18.044	2.23
59.25	13.81	6.94	18.059	2.12
59.3	13.9	6.71	18.074	2.05
59.35	13.95	6.39	18.09	1.95
59.4	13.48	6.56	18.105	2
59.45	13.24	8.14	18.12	2.48
59.5	13.12	7.43	18.135	2.27
59.55	13.06	7.75	18.151	2.36
59.6	13.03	7.42	18.166	2.26
59.65	13.01	8.1	18.181	2.47
59.7	13.01	7.61	18.196	2.32
59.75	12	7.96	18.212	2.43
59.8	12	7.42	18.227	2.26
59.85	11.5	8.24	18.242	2.51
59.9	11.25	8.62	18.257	2.63
59.95	11.13	9.68	18.273	2.95
60	11.06	8	18.288	2.44
60.05	11.53	7.51	18.303	2.29
60.1	11.77	7.34	18.318	2.24
60.15	11.88	7.62	18.334	2.32
60.2	12.44	7.67	18.349	2.34
60.25	12.72	8.36	18.364	2.55
60.3	12.86	8.46	18.379	2.58
60.35	12.93	7.48	18.394	2.28
60.4	12.97	7.08	18.41	2.16
60.45	12.98	9.5	18.425	2.9
60.5	12.99	7.68	18.44	2.34
60.55	13	7.24	18.455	2.21
60.6	13	5.92	18.471	1.8
60.65	13	7.68	18.486	2.34
60.7	12.5	8.1	18.501	2.47
60.75	11.75	6.8	18.516	2.07
60.8	11.37	8.72	18.532	2.66
60.85	10.69	6.28	18.547	1.91
60.9	10.84	7.46	18.562	2.28
60.95	10.92	7.56	18.577	2.3
61	10.96	6.55	18.593	2
61.05	10.48	6.84	18.608	2.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	10.24	6.49	18.623	1.98
61.15	10.12	6.91	18.638	2.11
61.2	10.06	5.74	18.654	1.75
61.25	10.53	5.33	18.669	1.63
61.3	10.77	5.87	18.684	1.79
61.35	10.88	5.5	18.699	1.68
61.4	10.44	5.03	18.715	1.53
61.45	10.72	5.79	18.73	1.76
61.5	10.36	6.2	18.745	1.89
61.55	10.18	5.45	18.76	1.66
61.6	10.09	6.56	18.775	2
61.65	9.55	5.01	18.791	1.53
61.7	9.27	5.85	18.806	1.78
61.75	9.14	5.63	18.821	1.72
61.8	8.57	6.64	18.836	2.02
61.85	7.78	5.85	18.852	1.78
61.9	7.89	5.53	18.867	1.69
61.95	7.95	5.2	18.882	1.59
62	7.97	5	18.897	1.52
62.05	7.99	5.7	18.913	1.74
62.1	7.49	4.3	18.928	1.31
62.15	7.25	5.03	18.943	1.53
62.2	7.12	4.43	18.958	1.35
62.25	7.06	5.04	18.974	1.54
62.3	7.03	4.99	18.989	1.52
62.35	7.02	5.44	19.004	1.66
62.4	6.51	4.54	19.019	1.39
62.45	6.75	4.59	19.035	1.4
62.5	6.38	3.42	19.05	1.04
62.55	6.19	3.47	19.065	1.06
62.6	6.09	4.74	19.08	1.44
62.65	6.05	4.35	19.096	1.33
62.7	6.02	7.13	19.111	2.17
62.75	5.51	5	19.126	1.53
62.8	5.26	6.19	19.141	1.89
62.85	5.13	6.35	19.156	1.94
62.9	5.06	8.03	19.172	2.45
62.95	5.03	9.56	19.187	2.92
63	5.02	7.18	19.202	2.19
63.05	5.01	4.97	19.217	1.52
63.1	5	6.71	19.233	2.05
63.15	5	4.04	19.248	1.23
63.2	5	8.3	19.263	2.53
63.25	5	5.62	19.278	1.71
63.3	5	8.71	19.294	2.66
63.35	4.5	5.26	19.309	1.6
63.4	4.75	6.1	19.324	1.86
63.45	4.38	5.18	19.339	1.58
63.5	4.19	4.77	19.355	1.45
63.55	4.09	4.78	19.37	1.46
63.6	4.05	5.82	19.385	1.77
63.65	4.02	6.27	19.4	1.91
63.7	4.01	6.87	19.416	2.09
63.75	4.01	6.87	19.431	2.09
63.8	4	7.88	19.446	2.4
63.85	4	5.8	19.461	1.77
63.9	4	6.23	19.477	1.9
63.95	4	6.71	19.492	2.05
64	4	7.68	19.507	2.34
64.05	4	6.01	19.522	1.83
64.1	4	7.79	19.537	2.37
64.15	4	7.35	19.553	2.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	4.5	8.56	19.568	2.61
64.25	4.75	7.47	19.583	2.28
64.3	4.88	6.25	19.598	1.91
64.35	4.94	7.05	19.614	2.15
64.4	4.97	7.77	19.629	2.37
64.45	4.98	5.47	19.644	1.67
64.5	4.99	6.94	19.659	2.12
64.55	5	7.55	19.675	2.3
64.6	5	5.25	19.69	1.6
64.65	5	6.26	19.705	1.91
64.7	5.5	4.82	19.72	1.47
64.75	5.75	7.42	19.736	2.26
64.8	5.87	7.41	19.751	2.26
64.85	5.94	4.79	19.766	1.46
64.9	5.97	7.19	19.781	2.19
64.95	5.98	5.99	19.797	1.83
65	5.49	6.33	19.812	1.93
65.05	5.75	8.63	19.827	2.63
65.1	5.87	5.62	19.842	1.71
65.15	5.94	7.77	19.858	2.37
65.2	5.97	6.97	19.873	2.12
65.25	5.98	7.22	19.888	2.2
65.3	5.99	5.95	19.903	1.81
65.35	6	6.03	19.918	1.84
65.4	6	5.99	19.934	1.83
65.45	6	6.8	19.949	2.07
65.5	6	6.89	19.964	2.1
65.55	6	6.5	19.979	1.98
65.6	6	7.46	19.995	2.27
65.65	6	6.21	20.01	1.89
65.7	6	6.12	20.025	1.87
65.75	6	6.22	20.04	1.9
65.8	6	6.31	20.056	1.92
65.85	6	7.82	20.071	2.38
65.9	6.5	6.94	20.086	2.12
65.95	6.75	6.81	20.101	2.08
66	7.37	6.56	20.117	2
66.05	7.69	7.43	20.132	2.26
66.1	7.84	6.88	20.147	2.1
66.15	7.42	7.43	20.162	2.27
66.2	7.21	6.46	20.178	1.97
66.25	7.11	5.37	20.193	1.64
66.3	7.05	5.31	20.208	1.62
66.35	7.03	6.82	20.223	2.08
66.4	7.01	5.46	20.239	1.67
66.45	7.01	6.21	20.254	1.89
66.5	7	5.33	20.269	1.62
66.55	7	5.12	20.284	1.56
66.6	7	5.07	20.3	1.54
66.65	6.5	7.34	20.315	2.24
66.7	6.75	5.96	20.33	1.82
66.75	6.38	5.39	20.345	1.64
66.8	6.19	5.49	20.36	1.67
66.85	6.09	5.56	20.376	1.69
66.9	5.55	5.14	20.391	1.57
66.95	5.27	6.13	20.406	1.87
67	5.14	4.78	20.421	1.46
67.05	5.07	3.92	20.437	1.19
67.1	4.53	4.56	20.452	1.39
67.15	4.27	4.43	20.467	1.35
67.2	4.13	4.66	20.482	1.42
67.25	4.07	4.52	20.498	1.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	4.03	3.83	20.513	1.17
67.35	3.52	3.99	20.528	1.22
67.4	3.76	4.1	20.543	1.25
67.45	3.88	3.24	20.559	0.99
67.5	3.44	1.95	20.574	0.59
67.55	3.72	3.26	20.589	0.99
67.6	3.86	4.56	20.604	1.39
67.65	3.43	3.97	20.62	1.21
67.7	3.21	5.49	20.635	1.67
67.75	3.11	4.91	20.65	1.5
67.8	3.55	6.24	20.665	1.9
67.85	3.78	5.54	20.681	1.69
67.9	3.89	5.79	20.696	1.76
67.95	3.44	5.14	20.711	1.57
68	4.22	7.59	20.726	2.31
68.05	4.11	5.01	20.742	1.53
68.1	4.06	6.61	20.757	2.01
68.15	4.03	5.5	20.772	1.68
68.2	3.51	8.17	20.787	2.49
68.25	3.76	4.21	20.802	1.28
68.3	3.88	5.79	20.818	1.77
68.35	3.94	4.07	20.833	1.24
68.4	3.97	6.35	20.848	1.94
68.45	3.98	5.54	20.863	1.69
68.5	2.99	5.71	20.879	1.74
68.55	3	4.85	20.894	1.48
68.6	3	6.62	20.909	2.02
68.65	2.5	5.85	20.924	1.78
68.7	2.75	4.98	20.94	1.52
68.75	3.37	4.13	20.955	1.26
68.8	3.19	6.21	20.97	1.89
68.85	2.59	5.22	20.985	1.59
68.9	2.8	4.92	21.001	1.5
68.95	2.9	4.36	21.016	1.33
69	2.95	7.43	21.031	2.26
69.05	3.47	6.83	21.046	2.08
69.1	3.74	6.88	21.062	2.1
69.15	3.87	4.46	21.077	1.36
69.2	2.93	3.8	21.092	1.16
69.25	2.97	5.43	21.107	1.66
69.3	3.98	5.31	21.123	1.62
69.35	3.99	4.99	21.138	1.52
69.4	4	4.67	21.153	1.42
69.45	3.5	6.03	21.168	1.84
69.5	3.25	5.39	21.183	1.64
69.55	3.12	5.95	21.199	1.81
69.6	3.56	5.14	21.214	1.57
69.65	3.78	5.38	21.229	1.64
69.7	3.89	3.64	21.244	1.11
69.75	3.95	4.52	21.26	1.38
69.8	3.47	6.47	21.275	1.97
69.85	3.74	4.32	21.29	1.32
69.9	3.87	4.4	21.305	1.34
69.95	3.93	4.52	21.321	1.38
70	3.97	4.99	21.336	1.52
70.05	3.98	4.37	21.351	1.33
70.1	3.99	4.4	21.366	1.34
70.15	4	5.72	21.382	1.74
70.2	4	4.9	21.397	1.49
70.25	4	4.59	21.412	1.4
70.3	4	4.84	21.427	1.48
70.35	4	5.24	21.443	1.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	4	5.22	21.458	1.59
70.45	4.5	5.1	21.473	1.55
70.5	4.25	6.08	21.488	1.85
70.55	4.12	7.17	21.504	2.18
70.6	4.06	5.13	21.519	1.56
70.65	4.03	5.24	21.534	1.6
70.7	4.52	5.14	21.549	1.57
70.75	4.26	6.78	21.565	2.07
70.8	4.13	6.31	21.58	1.92
70.85	4.56	4.94	21.595	1.5
70.9	4.78	6.53	21.61	1.99
70.95	4.89	4.92	21.625	1.5
71	4.95	5.73	21.641	1.75
71.05	4.47	5.35	21.656	1.63
71.1	4.74	4.7	21.671	1.43
71.15	4.87	4.7	21.686	1.43
71.2	4.43	6.48	21.702	1.97
71.25	4.22	5.47	21.717	1.67
71.3	4.11	4.15	21.732	1.27
71.35	4.05	5.26	21.747	1.6
71.4	4.03	4.63	21.763	1.41
71.45	4.01	4.37	21.778	1.33
71.5	4.01	5.31	21.793	1.62
71.55	4	5.1	21.808	1.55
71.6	3.5	4.94	21.824	1.51
71.65	3.75	4.53	21.839	1.38
71.7	3.38	6.3	21.854	1.92
71.75	3.69	5.05	21.869	1.54
71.8	3.84	5.45	21.885	1.66
71.85	3.92	4.9	21.9	1.49
71.9	3.96	3.85	21.915	1.17
71.95	3.98	4.14	21.93	1.26
72	3.99	3.57	21.946	1.09
72.05	4	4.01	21.961	1.22
72.1	4	5.29	21.976	1.61
72.15	4	6.04	21.991	1.84
72.2	4	3.95	22.007	1.2
72.25	4	4.44	22.022	1.35
72.3	4	4.16	22.037	1.27
72.35	4	3.29	22.052	1
72.4	3.5	3.15	22.067	0.96
72.45	3.25	4.23	22.083	1.29
72.5	3.12	2.01	22.098	0.61
72.55	3.06	5.77	22.113	1.76
72.6	3.03	4.57	22.128	1.39
72.65	3.02	4.55	22.144	1.39
72.7	3.01	4.32	22.159	1.32
72.75	3	4.82	22.174	1.47
72.8	3	6.09	22.189	1.86
72.85	3	3.21	22.205	0.98
72.9	3	3.2	22.22	0.97
72.95	3	1.46	22.235	0.45
73	3	4.62	22.25	1.41
73.05	3	5.5	22.266	1.68
73.1	3	7.12	22.281	2.17
73.15	3	4.65	22.296	1.42
73.2	3.5	3.91	22.311	1.19
73.25	3.25	5.37	22.327	1.64
73.3	2.63	3.65	22.342	1.11
73.35	2.81	3.41	22.357	1.04
73.4	2.91	3.24	22.372	0.99
73.45	2.95	3.06	22.388	0.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	2.98	4.05	22.403	1.23
73.55	2.99	3.62	22.418	1.1
73.6	2.99	4.8	22.433	1.46
73.65	3	4.64	22.448	1.42
73.7	3	5.06	22.464	1.54
73.75	3	3.31	22.479	1.01
73.8	3	5.87	22.494	1.79
73.85	3	3.85	22.509	1.17
73.9	3	3.42	22.525	1.04
73.95	2.5	4.3	22.54	1.31
74	2.25	3.22	22.555	0.98
74.05	2.62	3.8	22.57	1.16
74.1	2.81	3.89	22.586	1.18
74.15	2.41	3.76	22.601	1.15
74.2	2.7	4.9	22.616	1.49
74.25	2.85	3.86	22.631	1.18
74.3	2.93	3.95	22.647	1.2
74.35	3.46	4.09	22.662	1.25
74.4	3.23	4.7	22.677	1.43
74.45	3.62	3.04	22.692	0.93
74.5	3.81	2.74	22.708	0.84
74.55	3.9	4.24	22.723	1.29
74.6	3.95	2.39	22.738	0.73
74.65	3.98	4.34	22.753	1.32
74.7	3.99	2.49	22.769	0.76
74.75	3.99	3.1	22.784	0.95
74.8	4	2.56	22.799	0.78
74.85	4	4.05	22.814	1.23
74.9	3.5	3.38	22.83	1.03
74.95	3.25	4.29	22.845	1.31
75	3.12	4.27	22.86	1.3
75.05	3.06	3.81	22.875	1.16
75.1	3.03	3.48	22.89	1.06
75.15	3.02	4.1	22.906	1.25
75.2	3.01	3.11	22.921	0.95
75.25	3	4.96	22.936	1.51
75.3	3.5	5.64	22.951	1.72
75.35	3.25	4.26	22.967	1.3
75.4	3.13	5.42	22.982	1.65
75.45	3.56	2.77	22.997	0.84
75.5	3.78	5.57	23.012	1.7
75.55	3.89	3.32	23.028	1.01
75.6	3.45	2.98	23.043	0.91
75.65	3.72	4.2	23.058	1.28
75.7	3.36	2.63	23.073	0.8
75.75	3.18	3.29	23.089	1
75.8	3.09	3.66	23.104	1.12
75.85	3.05	3.05	23.119	0.93
75.9	3.02	4.38	23.134	1.33
75.95	3.01	4.24	23.15	1.29
76	3.01	4.01	23.165	1.22
76.05	3	3.99	23.18	1.22
76.1	3	4.83	23.195	1.47
76.15	3	2.59	23.211	0.79
76.2	3	3.45	23.226	1.05
76.25	3	3.54	23.241	1.08
76.3	3	5.23	23.256	1.59
76.35	3	3.45	23.271	1.05
76.4	3	3.38	23.287	1.03
76.45	3	3.07	23.302	0.93
76.5	3	3.99	23.317	1.22
76.55	3	2.61	23.332	0.79

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
76.6	3	3.72	23.348	1.13
76.65	3	3.11	23.363	0.95
76.7	2.5	2.56	23.378	0.78
76.75	2.25	4.09	23.393	1.25
76.8	2.12	2.8	23.409	0.85
76.85	2.06	2.44	23.424	0.74
76.9	2.53	3.25	23.439	0.99
76.95	2.77	3.15	23.454	0.96
77	2.88	2.94	23.47	0.89
77.05	2.94	2.2	23.485	0.67
77.1	3.47	2.91	23.5	0.89
77.15	3.74	2.2	23.515	0.67
77.2	3.87	1.79	23.531	0.55
77.25	4.43	1.72	23.546	0.53
77.3	4.22	1.39	23.561	0.42
77.35	4.11	2.74	23.576	0.83
77.4	4.05	1.61	23.592	0.49
77.45	3.53	1.35	23.607	0.41
77.5	3.26	0	23.622	0
77.55	2.63	2.59	23.637	0.79
77.6	2.32	1.42	23.653	0.43
77.65	2.16	2.34	23.668	0.71
77.7	2.58	1.67	23.683	0.51
77.75	2.79	4.78	23.698	1.46
77.8	3.39	3.96	23.713	1.21
77.85	3.7	3.24	23.729	0.99
77.9	3.85	2.72	23.744	0.83
77.95	3.92	2.56	23.759	0.78
78	3.46	2.51	23.774	0.77
78.05	3.23	3.7	23.79	1.13
78.1	3.12	4.08	23.805	1.25
78.15	2.56	3.02	23.82	0.92
78.2	2.78	3.77	23.835	1.15
78.25	2.89	2.6	23.851	0.79
78.3	3.44	2.01	23.866	0.61
78.35	3.22	2.43	23.881	0.74
78.4	3.11	2.96	23.896	0.9
78.45	3.06	4.45	23.912	1.36
78.5	3.03	2.61	23.927	0.8
78.55	3.01	3.71	23.942	1.13
78.6	3.01	2.21	23.957	0.67
78.65	3	2.91	23.973	0.89
78.7	3	3.01	23.988	0.92
78.75	2.5	2.67	24.003	0.81
78.8	2.25	3.94	24.018	1.2
78.85	2.63	1.88	24.034	0.57
78.9	3.31	3.16	24.049	0.96
78.95	4.16	1.3	24.064	0.4
79	4.58	2.47	24.079	0.75
79.05	4.79	1.31	24.095	0.4
79.1	4.39	3.11	24.11	0.95
79.15	4.2	1.98	24.125	0.6
79.2	4.1	2.63	24.14	0.8
79.25	4.05	2.92	24.155	0.89
79.3	5.02	1.01	24.171	0.31
79.35	5.51	2.36	24.186	0.72
79.4	5.26	3.52	24.201	1.07
79.45	4.13	2.17	24.216	0.66
79.5	3.56	4.02	24.232	1.23
79.55	2.78	3.19	24.247	0.97
79.6	2.39	1.39	24.262	0.42
79.65	2.7	1.25	24.277	0.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	2.35	1.6	24.293	0.49
79.75	2.17	1.46	24.308	0.45
79.8	2.09	2.47	24.323	0.75
79.85	2.04	3.58	24.338	1.09
79.9	2.52	1.74	24.354	0.53
79.95	2.26	2.26	24.369	0.69
80	3.13	1.32	24.384	0.4
80.05	4.07	2.78	24.399	0.85
80.1	4.03	1.92	24.415	0.58
80.15	3.52	1.97	24.43	0.6
80.2	2.76	2.27	24.445	0.69
80.25	2.38	1.66	24.46	0.51
80.3	2.19	1.41	24.476	0.43
80.35	3.09	1	24.491	0.31
80.4	4.55	1.2	24.506	0.36
80.45	5.27	3.02	24.521	0.92
80.5	5.64	3.07	24.536	0.94
80.55	5.32	2.33	24.552	0.71
80.6	4.66	2.24	24.567	0.68
80.65	3.83	1.73	24.582	0.53
80.7	3.91	1.52	24.597	0.46
80.75	4.96	2.13	24.613	0.65
80.8	4.98	1.33	24.628	0.4
80.85	4.99	1.79	24.643	0.55
80.9	4.99	2.2	24.658	0.67
80.95	5	1.14	24.674	0.35
81	5	1.19	24.689	0.36
81.05	5.5	1.41	24.704	0.43
81.1	5.75	1.31	24.719	0.4
81.15	6.37	3.34	24.735	1.02
81.2	6.69	0.94	24.75	0.29
81.25	6.84	2.23	24.765	0.68
81.3	6.92	2.16	24.78	0.66
81.35	6.46	2.17	24.796	0.66
81.4	6.23	1.77	24.811	0.54
81.45	6.12	1.61	24.826	0.49
81.5	6.06	1.34	24.841	0.41
81.55	6.53	3.05	24.857	0.93
81.6	6.26	2.76	24.872	0.84
81.65	6.13	0.96	24.887	0.29
81.7	6.57	2.54	24.902	0.78
81.75	6.28	1.37	24.918	0.42
81.8	6.14	1.01	24.933	0.31
81.85	6.07	1.34	24.948	0.41
81.9	6.04	2.04	24.963	0.62
81.95	6.02	1.72	24.978	0.52
82	6.01	0.49	24.994	0.15
82.05	5.5	2.03	25.009	0.62
82.1	5.75	1.1	25.024	0.33
82.15	5.88	1.26	25.039	0.38
82.2	5.44	1.15	25.055	0.35
82.25	4.72	2.32	25.07	0.71
82.3	4.36	0.85	25.085	0.26
82.35	4.18	1.81	25.1	0.55
82.4	4.09	2.4	25.116	0.73
82.45	3.54	6.3	25.131	1.92
82.5	3.77	4.54	25.146	1.39
82.55	3.39	1.8	25.161	0.55
82.6	3.19	2.84	25.177	0.87
82.65	3.1	1.54	25.192	0.47
82.7	3.05	1.22	25.207	0.37
82.75	3.02	3.21	25.222	0.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	3.01	2.77	25.238	0.84
82.85	3.01	2.49	25.253	0.76
82.9	3.5	2.11	25.268	0.64
82.95	3.75	4.72	25.283	1.44
83	3.88	2.61	25.299	0.8
83.05	4.44	2.03	25.314	0.62
83.1	4.72	1.2	25.329	0.37
83.15	4.86	1.53	25.344	0.47
83.2	4.93	1.64	25.36	0.5
83.25	4.96	1.39	25.375	0.42
83.3	4.48	3.17	25.39	0.97
83.35	4.24	1.17	25.405	0.36
83.4	4.12	3.1	25.42	0.94
83.45	4.06	1.44	25.436	0.44
83.5	4.03	1.89	25.451	0.57
83.55	3.52	2.88	25.466	0.88
83.6	3.26	2.52	25.481	0.77
83.65	3.13	3.71	25.497	1.13
83.7	3.06	1.56	25.512	0.48
83.75	3.03	2.16	25.527	0.66
83.8	3.02	2.46	25.542	0.75
83.85	3.01	2.34	25.558	0.71
83.9	3	3.74	25.573	1.14
83.95	3	1.89	25.588	0.58
84	3	3.25	25.603	0.99
84.05	3	1.91	25.619	0.58
84.1	3	1.71	25.634	0.52
84.15	3	2.58	25.649	0.79
84.2	3	1.96	25.664	0.6
84.25	3	2.34	25.68	0.71
84.3	3	2.18	25.695	0.66
84.35	2.5	3.96	25.71	1.21
84.4	2.25	4.21	25.725	1.28
84.45	2.13	4.59	25.741	1.4
84.5	2.06	2.45	25.756	0.75
84.55	2.03	1.7	25.771	0.52
84.6	2.02	2.04	25.786	0.62
84.65	2.01	2.7	25.801	0.82
84.7	2	2.23	25.817	0.68
84.75	2	3.17	25.832	0.97
84.8	2	2.99	25.847	0.91
84.85	2	2.03	25.862	0.62
84.9	2	4.96	25.878	1.51
84.95	2	1.79	25.893	0.54
85	2	3.32	25.908	1.01
85.05	2	3.28	25.923	1
85.1	2	2.01	25.939	0.61
85.15	2	5.44	25.954	1.66
85.2	2	2.54	25.969	0.77
85.25	2	4.15	25.984	1.27
85.3	2	3.28	26	1
85.35	2	3.88	26.015	1.18
85.4	2	2.92	26.03	0.89
85.45	2	4.15	26.045	1.26
85.5	2	3.03	26.061	0.92
85.55	2	2.24	26.076	0.68
85.6	2	3.04	26.091	0.93
85.65	2	2.89	26.106	0.88
85.7	2	3.81	26.122	1.16
85.75	2	5.28	26.137	1.61
85.8	2	2.9	26.152	0.88
85.85	2	1.57	26.167	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	2	5.17	26.183	1.58
85.95	2	3.81	26.198	1.16
86	2	3.55	26.213	1.08
86.05	2	1.27	26.228	0.39
86.1	2	3.84	26.243	1.17
86.15	1.5	3.05	26.259	0.93
86.2	1.25	2.73	26.274	0.83
86.25	1.12	3.02	26.289	0.92
86.3	1.06	4.3	26.304	1.31
86.35	1.03	3.62	26.32	1.1
86.4	1.02	2.78	26.335	0.85
86.45	1.01	2.51	26.35	0.76
86.5	1	3.44	26.365	1.05
86.55	1	3.41	26.381	1.04
86.6	1	4.17	26.396	1.27
86.65	1	2.56	26.411	0.78
86.7	1	1.84	26.426	0.56
86.75	1.5	1.94	26.442	0.59
86.8	1.25	2.41	26.457	0.74
86.85	1.13	3.35	26.472	1.02
86.9	1.06	2.14	26.487	0.65
86.95	1.03	3.01	26.503	0.92
87	1.02	3.49	26.518	1.07
87.05	1.01	3.21	26.533	0.98
87.1	1	2.65	26.548	0.81
87.15	1	2.21	26.564	0.67
87.2	1	2.84	26.579	0.86
87.25	1	4.03	26.594	1.23
87.3	1	1.91	26.609	0.58
87.35	1.5	2.01	26.625	0.61
87.4	1.25	2.5	26.64	0.76
87.45	1.13	2	26.655	0.61
87.5	1.06	2.21	26.67	0.67
87.55	1.03	2.12	26.685	0.65
87.6	1.02	2.67	26.701	0.81
87.65	1.01	2.03	26.716	0.62
87.7	1	2.14	26.731	0.65
87.75	1	5.05	26.746	1.54
87.8	1	2.11	26.762	0.64
87.85	1	2.96	26.777	0.9
87.9	1	1.32	26.792	0.4
87.95	1.5	2.96	26.807	0.9
88	1.25	5.95	26.823	1.81
88.05	1.13	2.1	26.838	0.64
88.1	1.56	2.15	26.853	0.66
88.15	1.28	4.79	26.868	1.46
88.2	1.64	1.62	26.884	0.49
88.25	1.32	3.44	26.899	1.05
88.3	1.16	3.12	26.914	0.95
88.35	1.08	2.18	26.929	0.66
88.4	1.04	2.34	26.945	0.71
88.45	1.52	2.91	26.96	0.89
88.5	0.76	2.18	26.975	0.66
88.55	0.88	3.22	26.99	0.98
88.6	1.44	4.38	27.006	1.33
88.65	1.22	3.84	27.021	1.17
88.7	1.11	2.27	27.036	0.69
88.75	1.06	0.96	27.051	0.29
88.8	1.03	3.29	27.066	1
88.85	1.01	1.61	27.082	0.49
88.9	1.01	2.07	27.097	0.63
88.95	0.5	2.51	27.112	0.77

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89	1.25	3	27.127	0.91
89.05	1.13	4.33	27.143	1.32
89.1	1.06	3.77	27.158	1.15
89.15	1.03	1.62	27.173	0.49
89.2	1.02	5.72	27.188	1.74
89.25	1.51	3.4	27.204	1.04
89.3	1.75	3.83	27.219	1.17
89.35	1.88	1.68	27.234	0.51
89.4	1.44	3.04	27.249	0.93
89.45	1.22	2.44	27.265	0.74
89.5	2.11	4.1	27.28	1.25
89.55	2.05	3.98	27.295	1.21
89.6	2.03	3.43	27.31	1.04
89.65	2.01	3.95	27.326	1.2
89.7	2.01	2.58	27.341	0.79
89.75	2	1.9	27.356	0.58
89.8	2	5.12	27.371	1.56
89.85	2.5	5.71	27.387	1.74
89.9	2.25	1.44	27.402	0.44
89.95	2.13	3.3	27.417	1
90	2.56	3.92	27.432	1.19
90.05	2.78	3.23	27.448	0.98
90.1	2.39	2.56	27.463	0.78
90.15	2.2	2.37	27.478	0.72
90.2	2.1	2.3	27.493	0.7
90.25	2.05	4.14	27.508	1.26
90.3	2.02	1.79	27.524	0.55
90.35	2.01	2.79	27.539	0.85
90.4	2.01	2.66	27.554	0.81
90.45	2	2.96	27.569	0.9
90.5	2	3.14	27.585	0.96
90.55	2	2.8	27.6	0.85
90.6	2	4.65	27.615	1.42
90.65	2	4.59	27.63	1.4
90.7	2	4.5	27.646	1.37
90.75	2	5.07	27.661	1.54
90.8	2	3.32	27.676	1.01
90.85	2	3.72	27.691	1.13
90.9	2	7.46	27.707	2.27
90.95	2	5.41	27.722	1.65
91	2	4.04	27.737	1.23
91.05	2	3.43	27.752	1.04
91.1	2	5.19	27.768	1.58
91.15	2	4.99	27.783	1.52
91.2	3	2.76	27.798	0.84
91.25	9.5	4.47	27.813	1.36
91.3	17.25	3.58	27.829	1.09
91.35	21.62	4.97	27.844	1.52
91.4	24.31	5.02	27.859	1.53
91.45	25.66	5.14	27.874	1.57
91.5	26.83	4.81	27.889	1.47
91.55	27.41	4.32	27.905	1.32
91.6	27.71	4.42	27.92	1.35
91.65	28.35	3.5	27.935	1.07
91.7	27.18	2.37	27.95	0.72
91.75	26.59	3.08	27.966	0.94
91.8	27.29	3.05	27.981	0.93
91.85	27.65	3.88	27.996	1.18
91.9	25.32	3.09	28.011	0.94
91.95	20.16	2.57	28.027	0.78
92	15.58	4.1	28.042	1.25
92.05	15.79	4.29	28.057	1.31

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92.1	16.9	2.48	28.072	0.75
92.15	11.95	2.18	28.088	0.66
92.2	8.97	2.84	28.103	0.87
92.25	8.99	3.42	28.118	1.04
92.3	8.49	3.34	28.133	1.02
92.35	6.75	4.55	28.149	1.39
92.4	6.87	2.95	28.164	0.9
92.45	7.44	2.37	28.179	0.72
92.5	7.22	2	28.194	0.61
92.55	7.11	3.74	28.21	1.14
92.6	7.55	3.97	28.225	1.21
92.65	8.28	4.46	28.24	1.36
92.7	9.64	3.61	28.255	1.1
92.75	10.82	6.12	28.271	1.87
92.8	12.41	3.19	28.286	0.97
92.85	13.7	6.5	28.301	1.98
92.9	15.35	3.72	28.316	1.13
92.95	17.18	4.93	28.331	1.5
93	17.59	3.32	28.347	1.01
93.05	17.29	5.29	28.362	1.61
93.1	17.15	3.65	28.377	1.11
93.15	17.07	3.59	28.392	1.09
93.2	16.54	3.99	28.408	1.22
93.25	16.27	3.95	28.423	1.2
93.3	15.63	4.25	28.438	1.3
93.35	14.82	4.41	28.453	1.35
93.4	14.41	3.46	28.469	1.05
93.45	13.7	3.46	28.484	1.05
93.5	13.35	4.66	28.499	1.42
93.55	14.18	3.22	28.514	0.98
93.6	14.09	3.2	28.53	0.98
93.65	14.54	5.31	28.545	1.62
93.7	14.77	3.51	28.56	1.07
93.75	15.89	5.11	28.575	1.56
93.8	16.44	4.94	28.591	1.5
93.85	16.72	2.94	28.606	0.9
93.9	16.36	5.55	28.621	1.69
93.95	16.68	1.52	28.636	0.46
94	16.84	4.19	28.652	1.28
94.05	15.92	4.95	28.667	1.51
94.1	14.96	1.67	28.682	0.51
94.15	13.98	3.71	28.697	1.13
94.2	12.49	4.29	28.713	1.31
94.25	11.25	2.77	28.728	0.85
94.3	10.62	4.16	28.743	1.27
94.35	9.81	3.29	28.758	1
94.4	9.41	3.46	28.773	1.05
94.45	9.2	4.69	28.789	1.43
94.5	9.1	5.04	28.804	1.54
94.55	9.05	2.57	28.819	0.78
94.6	8.53	2.51	28.834	0.77
94.65	8.26	3.01	28.85	0.92
94.7	8.13	2.67	28.865	0.81
94.75	7.57	3.78	28.88	1.15
94.8	7.28	2.88	28.895	0.88
94.85	7.14	3.09	28.911	0.94
94.9	7.07	5.53	28.926	1.68
94.95	7.04	2.44	28.941	0.74
95	7.02	3.77	28.956	1.15
95.05	7.51	3.72	28.972	1.13
95.1	7.75	3.81	28.987	1.16
95.15	7.38	2.73	29.002	0.83

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95.2	7.19	1.99	29.017	0.61
95.25	6.59	2.35	29.033	0.72
95.3	5.8	2.44	29.048	0.74
95.35	5.4	2.73	29.063	0.83
95.4	5.2	5.12	29.078	1.56
95.45	5.1	3.25	29.094	0.99
95.5	4.55	4.77	29.109	1.45
95.55	4.77	3.59	29.124	1.09
95.6	4.89	3.28	29.139	1
95.65	4.94	3.17	29.154	0.97
95.7	4.97	2.96	29.17	0.9
95.75	4.99	3.02	29.185	0.92
95.8	5.49	2.8	29.2	0.85
95.85	5.75	4.19	29.215	1.28
95.9	5.87	3.45	29.231	1.05
95.95	5.94	2.61	29.246	0.79
96	5.97	2.88	29.261	0.88
96.05	6.48	3.22	29.276	0.98
96.1	7.24	2.62	29.292	0.8
96.15	7.62	3.3	29.307	1.01
96.2	7.81	2.78	29.322	0.85
96.25	8.41	2.61	29.337	0.8
96.3	8.2	2.38	29.353	0.72
96.35	8.1	2.28	29.368	0.69
96.4	7.55	2.13	29.383	0.65
96.45	7.28	2.88	29.398	0.88
96.5	6.64	4.34	29.414	1.32
96.55	6.32	2.27	29.429	0.69
96.6	5.66	2.4	29.444	0.73
96.65	5.33	2.76	29.459	0.84
96.7	5.16	1.7	29.475	0.52
96.75	5.08	3.15	29.49	0.96
96.8	5.04	2.12	29.505	0.65
96.85	5.52	2.9	29.52	0.88
96.9	5.76	1.55	29.536	0.47
96.95	5.88	3.14	29.551	0.96
97	6.44	1.81	29.566	0.55
97.05	6.72	3.52	29.581	1.07
97.1	6.86	3.03	29.596	0.92
97.15	6.43	2.27	29.612	0.69
97.2	6.22	2.31	29.627	0.7
97.25	6.11	4.11	29.642	1.25
97.3	6.55	2.81	29.657	0.86
97.35	6.78	1.85	29.673	0.56
97.4	6.89	2.77	29.688	0.84
97.45	6.94	2.09	29.703	0.64
97.5	6.47	2.67	29.718	0.81
97.55	6.74	2.71	29.734	0.83
97.6	6.87	3.97	29.749	1.21
97.65	6.93	4.02	29.764	1.22
97.7	8.97	5.01	29.779	1.53
97.75	9.98	4.85	29.795	1.48
97.8	9.99	3.17	29.81	0.97
97.85	10	2.97	29.825	0.91
97.9	13	2.81	29.84	0.86
97.95	15	3.5	29.856	1.07
98	14.5	3.86	29.871	1.18
98.05	12.75	4.01	29.886	1.22
98.1	10.87	4.54	29.901	1.39
98.15	9.44	4.1	29.917	1.25
98.2	7.72	2.58	29.932	0.79
98.25	6.86	7.21	29.947	2.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.3	6.93	3.29	29.962	1
98.35	6.96	5.53	29.978	1.68
98.4	6.98	4.5	29.993	1.37
98.45	6.99	3.36	30.008	1.02
98.5	8.5	2.33	30.023	0.71
98.55	10.25	3.77	30.038	1.15
98.6	11.12	5.86	30.054	1.79
98.65	12.06	4.92	30.069	1.5
98.7	13.53	5.1	30.084	1.56
98.75	15.27	2.83	30.099	0.86
98.8	15.63	6.41	30.115	1.95
98.85	16.32	3.91	30.13	1.19
98.9	17.16	4.03	30.145	1.23
98.95	14.58	5.72	30.16	1.74
99	11.79	5.68	30.176	1.73
99.05	11.39	5.24	30.191	1.6
99.1	12.2	3.89	30.206	1.19
99.15	12.1	4.53	30.221	1.38
99.2	10.55	5.11	30.237	1.56
99.25	9.77	3.47	30.252	1.06
99.3	9.39	5.38	30.267	1.64
99.35	9.19	5.58	30.282	1.7
99.4	8.6	4.23	30.298	1.29
99.45	8.3	5.48	30.313	1.67
99.5	7.65	4.73	30.328	1.44
99.55	7.32	2.96	30.343	0.9
99.6	7.16	3.68	30.359	1.12
99.65	7.08	4.84	30.374	1.47
99.7	7.04	4	30.389	1.22
99.75	7.02	3.34	30.404	1.02
99.8	6.51	2.61	30.419	0.8
99.85	6.26	2.81	30.435	0.86
99.9	6.13	2.95	30.45	0.9
99.95	6.06	2.35	30.465	0.72
100	6.03	2.09	30.48	0.64
100.05	6.02	4.64	30.496	1.42
100.1	6.01	1.04	30.511	0.32
100.15	6	3.56	30.526	1.08
100.2	6	2.1	30.541	0.64
100.25	5.5	3.35	30.557	1.02
100.3	5.25	2.7	30.572	0.82
100.35	5.13	2.2	30.587	0.67
100.4	4.56	3.86	30.602	1.18
100.45	4.28	2.93	30.618	0.89
100.5	4.14	0.93	30.633	0.28
100.55	4.07	2.1	30.648	0.64
100.6	3.54	2.41	30.663	0.73
100.65	3.27	2.52	30.679	0.77
100.7	3.13	2.76	30.694	0.84
100.75	3.07	2.74	30.709	0.84
100.8	3.03	1.02	30.724	0.31
100.85	2.52	3.36	30.74	1.02
100.9	2.26	4.36	30.755	1.33
100.95	2.13	2.98	30.77	0.91
101	2.06	2.7	30.785	0.82
101.05	2.03	2.7	30.801	0.82
101.1	2.52	2.03	30.816	0.62
101.15	2.76	2.22	30.831	0.68
101.2	2.88	2.63	30.846	0.8
101.25	2.94	2.1	30.861	0.64
101.3	2.97	2.94	30.877	0.9
101.35	2.98	1.91	30.892	0.58

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	2.99	1.85	30.907	0.56
101.45	3	4.74	30.922	1.44
101.5	3	3.5	30.938	1.07
101.55	3	2.24	30.953	0.68
101.6	3	4.18	30.968	1.27
101.65	3	3.34	30.983	1.02
101.7	3	3.04	30.999	0.93
101.75	3	3.35	31.014	1.02
101.8	3	3.74	31.029	1.14
101.85	2.5	2.44	31.044	0.74
101.9	2.25	3.73	31.06	1.14
101.95	2.12	2.2	31.075	0.67
102	2.06	3.12	31.09	0.95
102.05	2.03	4.25	31.105	1.3
102.1	2.02	2.65	31.121	0.81
102.15	2.51	3.6	31.136	1.1
102.2	2.75	3.39	31.151	1.03
102.25	3.38	3.18	31.166	0.97
102.3	3.69	3.02	31.182	0.92
102.35	3.84	3.67	31.197	1.12
102.4	4.42	2.91	31.212	0.89
102.45	5.21	2.7	31.227	0.82
102.5	5.11	2.41	31.243	0.73
102.55	5.05	4.22	31.258	1.29
102.6	4.53	3.38	31.273	1.03
102.65	4.76	3.17	31.288	0.96
102.7	4.38	4.06	31.303	1.24
102.75	4.19	3.48	31.319	1.06
102.8	3.6	5.03	31.334	1.53
102.85	3.3	4.44	31.349	1.35
102.9	2.65	5.33	31.364	1.62
102.95	2.32	4.94	31.38	1.51
103	2.16	2.38	31.395	0.72
103.05	2.08	5.86	31.41	1.79
103.1	2.04	4.12	31.425	1.26
103.15	2.02	4.87	31.441	1.48
103.2	2.01	2.7	31.456	0.82
103.25	2.01	3.52	31.471	1.07
103.3	2	4.27	31.486	1.3
103.35	2	5.01	31.502	1.53
103.4	2	2.95	31.517	0.9
103.45	2.5	4.07	31.532	1.24
103.5	3.25	1.61	31.547	0.49
103.55	4.13	3.13	31.563	0.95
103.6	4.56	4.27	31.578	1.3
103.65	4.78	2.66	31.593	0.81
103.7	4.39	2.97	31.608	0.9
103.75	4.2	1.61	31.624	0.49
103.8	4.1	3.03	31.639	0.92
103.85	4.55	3.2	31.654	0.98
103.9	4.27	1.51	31.669	0.46
103.95	3.64	1.37	31.684	0.42
104	3.32	2.67	31.7	0.81
104.05	3.66	2.33	31.715	0.71
104.1	3.83	2.66	31.73	0.81
104.15	3.91	3.68	31.745	1.12
104.2	3.96	1.37	31.761	0.42
104.25	3.48	2.51	31.776	0.77
104.3	3.74	1.5	31.791	0.46
104.35	4.37	2.47	31.806	0.75
104.4	4.68	1.82	31.822	0.56
104.45	4.84	4.2	31.837	1.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	4.92	2.19	31.852	0.67
104.55	4.96	3.01	31.867	0.92
104.6	5.48	3.73	31.883	1.14
104.65	5.74	1.97	31.898	0.6
104.7	5.87	3.26	31.913	0.99
104.75	5.94	3.13	31.928	0.95
104.8	5.97	3.91	31.944	1.19
104.85	5.98	3.79	31.959	1.15
104.9	5.99	3.41	31.974	1.04
104.95	6.5	2.34	31.989	0.71
105	6.75	3.65	32.005	1.11
105.05	6.87	3.04	32.02	0.93
105.1	6.44	5.1	32.035	1.55
105.15	6.22	7.43	32.05	2.27
105.2	6.11	2.27	32.066	0.69
105.25	6.05	2.57	32.081	0.78
105.3	6.03	2.9	32.096	0.88
105.35	6.51	0.84	32.111	0.26
105.4	6.76	0.84	32.126	0.26
105.45	6.88	1.37	32.142	0.42
105.5	6.44	2.74	32.157	0.83
105.55	6.72	1.23	32.172	0.38
105.6	7.36	1.1	32.187	0.34
105.65	6.68	1.65	32.203	0.5
105.7	5.84	2.25	32.218	0.69
105.75	6.42	3.54	32.233	1.08
105.8	6.71	1.04	32.248	0.32
105.85	6.85	3.31	32.264	1.01
105.9	5.93	2.18	32.279	0.67
105.95	6.46	2.63	32.294	0.8
106	6.73	2.25	32.309	0.68
106.05	7.37	0.96	32.325	0.29
106.1	7.18	1.68	32.34	0.51
106.15	7.59	1.19	32.355	0.36
106.2	7.8	1.72	32.37	0.53
106.25	7.4	1.54	32.386	0.47
106.3	7.2	1.99	32.401	0.61
106.35	7.1	2.41	32.416	0.73
106.4	7.05	2.73	32.431	0.83
106.45	7.02	2.12	32.447	0.65
106.5	7.01	1.09	32.462	0.33
106.55	7.01	1.97	32.477	0.6
106.6	7	2.18	32.492	0.66
106.65	7	2.27	32.508	0.69
106.7	7	1.87	32.523	0.57
106.75	6.5	2.27	32.538	0.69
106.8	6.75	1.58	32.553	0.48
106.85	6.88	2.03	32.568	0.62
106.9	6.94	1.99	32.584	0.61
106.95	6.47	1.93	32.599	0.59
107	6.23	2.46	32.614	0.75
107.05	6.12	1.33	32.629	0.41
107.1	6.06	2.12	32.645	0.65
107.15	6.03	2.96	32.66	0.9
107.2	6.01	2.8	32.675	0.85
107.25	6.01	2.94	32.69	0.9
107.3	5.5	1.85	32.706	0.56
107.35	5.25	2.2	32.721	0.67
107.4	5.13	2.14	32.736	0.65
107.45	5.06	1.25	32.751	0.38
107.5	4.53	2.94	32.767	0.9
107.55	4.77	2.77	32.782	0.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	4.38	3.27	32.797	1
107.65	4.19	2.35	32.812	0.72
107.7	4.1	3.22	32.828	0.98
107.75	4.05	5.53	32.843	1.69
107.8	4.02	4.63	32.858	1.41
107.85	4.01	2.99	32.873	0.91
107.9	4.01	2.31	32.889	0.7
107.95	3.5	1.74	32.904	0.53
108	3.25	3.69	32.919	1.12
108.05	3.13	2.37	32.934	0.72
108.1	3.06	4.15	32.949	1.26
108.15	3.03	3.22	32.965	0.98
108.2	3.02	2.77	32.98	0.84
108.25	2.51	3.06	32.995	0.93
108.3	2.25	4.59	33.01	1.4
108.35	2.13	3.2	33.026	0.98
108.4	2.06	1.75	33.041	0.53
108.45	2.03	2.04	33.056	0.62
108.5	2.52	1.18	33.071	0.36
108.55	2.26	2.32	33.087	0.71
108.6	2.13	2.52	33.102	0.77
108.65	2.56	1.4	33.117	0.43
108.7	2.78	3.43	33.132	1.04
108.75	3.39	3.55	33.148	1.08
108.8	3.7	1.44	33.163	0.44
108.85	3.85	3.03	33.178	0.92
108.9	3.92	3.7	33.193	1.13
108.95	3.96	4.37	33.209	1.33
109	3.98	4.44	33.224	1.35
109.05	4.49	2.98	33.239	0.91
109.1	4.75	1.22	33.254	0.37
109.15	4.87	2.52	33.27	0.77
109.2	4.94	2.9	33.285	0.88
109.25	4.97	4.59	33.3	1.4
109.3	4.98	2.47	33.315	0.75
109.35	4.99	2.46	33.331	0.75
109.4	5	4.55	33.346	1.39
109.45	5	1.46	33.361	0.45
109.5	4.5	2.4	33.376	0.73
109.55	4.25	5.24	33.391	1.6
109.6	4.62	3.42	33.407	1.04
109.65	4.81	2.6	33.422	0.79
109.7	4.91	3.19	33.437	0.97
109.75	4.45	2.72	33.452	0.83
109.8	4.73	1.97	33.468	0.6
109.85	4.86	1.68	33.483	0.51
109.9	4.93	3.52	33.498	1.07
109.95	4.97	1.3	33.513	0.4
110	4.98	2.73	33.529	0.83
110.05	4.99	3.74	33.544	1.14
110.1	5	2.01	33.559	0.61
110.15	5	1.54	33.574	0.47
110.2	5	4.33	33.59	1.32
110.25	5	1.37	33.605	0.42
110.3	5	1.74	33.62	0.53
110.35	5	2.15	33.635	0.66
110.4	5	2.72	33.651	0.83
110.45	5	3.56	33.666	1.09
110.5	5	3.35	33.681	1.02
110.55	5	2.03	33.696	0.62
110.6	5	2.36	33.712	0.72
110.65	5	2.28	33.727	0.69

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110.7	5	3.51	33.742	1.07
110.75	5	1.57	33.757	0.48
110.8	5	2.49	33.772	0.76
110.85	5	3.11	33.788	0.95
110.9	4.5	2.03	33.803	0.62
110.95	4.25	2.05	33.818	0.63
111	4.12	3.67	33.833	1.12
111.05	4.06	1.46	33.849	0.44
111.1	4.03	3.2	33.864	0.98
111.15	3.52	1.59	33.879	0.49
111.2	3.26	2.52	33.894	0.77
111.25	3.13	2.24	33.91	0.68
111.3	3.06	1.66	33.925	0.51
111.35	2.53	2.42	33.94	0.74
111.4	2.77	2.05	33.955	0.62
111.45	2.88	1.46	33.971	0.45
111.5	2.44	2.37	33.986	0.72
111.55	2.22	5.74	34.001	1.75
111.6	2.61	2.95	34.016	0.9
111.65	2.81	2.97	34.032	0.91
111.7	2.9	3.6	34.047	1.1
111.75	2.95	3.76	34.062	1.15
111.8	2.98	2.29	34.077	0.7
111.85	3.49	2.32	34.093	0.71
111.9	3.74	3.5	34.108	1.07
111.95	3.87	2.51	34.123	0.77
112	4.44	2.15	34.138	0.65
112.05	4.22	2.52	34.154	0.77
112.1	4.11	1.82	34.169	0.55
112.15	4.55	1.43	34.184	0.44
112.2	4.78	2.18	34.199	0.66
112.25	4.39	3.44	34.214	1.05
112.3	4.69	1.88	34.23	0.57
112.35	4.85	1.35	34.245	0.41
112.4	4.92	1.15	34.26	0.35
112.45	4.46	3.39	34.275	1.03
112.5	4.73	4.68	34.291	1.43
112.55	4.87	1.29	34.306	0.39
112.6	4.93	2.53	34.321	0.77
112.65	4.97	2.69	34.336	0.82
112.7	4.98	5.67	34.352	1.73
112.75	4.99	2.82	34.367	0.86
112.8	5.5	2.72	34.382	0.83
112.85	5.25	1.61	34.397	0.49
112.9	5.62	1.31	34.413	0.4
112.95	5.81	2.14	34.428	0.65
113	5.91	2.97	34.443	0.91
113.05	5.95	1.74	34.458	0.53
113.1	5.98	3.47	34.474	1.06
113.15	5.99	3.99	34.489	1.22
113.2	5.99	2.73	34.504	0.83
113.25	5.5	4.33	34.519	1.32
113.3	4.75	3.98	34.535	1.21
113.35	4.37	2.06	34.55	0.63
113.4	4.19	1.88	34.565	0.57
113.45	4.09	2.57	34.58	0.78
113.5	3.55	2.45	34.596	0.75
113.55	3.27	2.21	34.611	0.68
113.6	2.64	1.7	34.626	0.52
113.65	2.82	2.08	34.641	0.63
113.7	2.91	3.39	34.656	1.03
113.75	2.95	2.59	34.672	0.79

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	2.98	2.76	34.687	0.84
113.85	2.99	1.7	34.702	0.52
113.9	2.99	3.21	34.717	0.98
113.95	3	4.92	34.733	1.5
114	3	2.41	34.748	0.73
114.05	2.5	2.08	34.763	0.63
114.1	2.25	4.25	34.778	1.3
114.15	2.12	2.76	34.794	0.84
114.2	2.56	3.34	34.809	1.02
114.25	2.28	2.04	34.824	0.62
114.3	3.14	2.45	34.839	0.75
114.35	3.07	2.75	34.855	0.84
114.4	3.04	2.73	34.87	0.83
114.45	3.52	3.39	34.885	1.03
114.5	5.26	2.79	34.9	0.85
114.55	8.13	3.46	34.916	1.05
114.6	8.06	3.06	34.931	0.93
114.65	7.53	6.39	34.946	1.95
114.7	6.77	4.5	34.961	1.37
114.75	6.38	3.36	34.977	1.03
114.8	5.69	4.02	34.992	1.22
114.85	5.35	2.98	35.007	0.91
114.9	5.17	2.57	35.022	0.78
114.95	4.59	2.94	35.037	0.9
115	4.29	3.5	35.053	1.07
115.05	4.15	4.93	35.068	1.5
115.1	4.07	3.37	35.083	1.03
115.15	4.04	2.36	35.098	0.72
115.2	4.02	2.45	35.114	0.75
115.25	3.51	1.06	35.129	0.32
115.3	3.75	3.69	35.144	1.12
115.35	3.88	3.16	35.159	0.96
115.4	3.94	4.08	35.175	1.24
115.45	3.97	1.39	35.19	0.42
115.5	3.98	3.21	35.205	0.98
115.55	3.49	1.64	35.22	0.5
115.6	3.25	2.17	35.236	0.66
115.65	3.12	2.53	35.251	0.77
115.7	3.06	1.79	35.266	0.55
115.75	3.03	1	35.281	0.3
115.8	3.02	4.89	35.297	1.49
115.85	3.01	2.63	35.312	0.8
115.9	3	2.97	35.327	0.91
115.95	3	2.44	35.342	0.74
116	2.5	3.18	35.358	0.97
116.05	2.75	2.31	35.373	0.71
116.1	3.38	2.29	35.388	0.7
116.15	3.69	1.79	35.403	0.55
116.2	3.84	1.85	35.419	0.56
116.25	3.92	1.07	35.434	0.32
116.3	3.46	2.26	35.449	0.69
116.35	3.23	3.46	35.464	1.05
116.4	3.12	2.32	35.479	0.71
116.45	3.56	3.12	35.495	0.95
116.5	3.78	3.97	35.51	1.21
116.55	3.39	2.3	35.525	0.7
116.6	3.69	4.29	35.54	1.31
116.65	3.85	1.32	35.556	0.4
116.7	3.42	1.47	35.571	0.45
116.75	3.21	2.96	35.586	0.9
116.8	3.61	3.01	35.601	0.92
116.85	3.8	2.47	35.617	0.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	3.4	2.74	35.632	0.84
116.95	3.2	2.74	35.647	0.83
117	3.1	2.79	35.662	0.85
117.05	4.05	2.68	35.678	0.82
117.1	4.53	2.99	35.693	0.91
117.15	3.76	2.32	35.708	0.71
117.2	3.88	3.43	35.723	1.04
117.25	3.94	3.34	35.739	1.02
117.3	4.47	3.16	35.754	0.96
117.35	3.74	3.38	35.769	1.03
117.4	3.37	2.25	35.784	0.69
117.45	4.18	5.11	35.8	1.56
117.5	4.09	3.7	35.815	1.13
117.55	4.05	6.08	35.83	1.85
117.6	4.52	3.71	35.845	1.13
117.65	3.76	3.81	35.861	1.16
117.7	3.88	5.11	35.876	1.56
117.75	3.94	4.52	35.891	1.38
117.8	3.97	4.91	35.906	1.5
117.85	3.99	3.99	35.921	1.22
117.9	3.99	4.85	35.937	1.48
117.95	4	5.03	35.952	1.53
118	4	6.54	35.967	1.99
118.05	4	4.26	35.982	1.3
118.1	4	5.81	35.998	1.77
118.15	4	5.51	36.013	1.68
118.2	4	4.86	36.028	1.48
118.25	3.5	3.72	36.043	1.13
118.3	3.75	7.45	36.059	2.27
118.35	3.87	6.61	36.074	2.01
118.4	3.94	5.32	36.089	1.62
118.45	3.97	4.95	36.104	1.51
118.5	3.98	5.63	36.12	1.71
118.55	3.49	4.16	36.135	1.27
118.6	3.75	4.74	36.15	1.44
118.65	3.87	4.86	36.165	1.48
118.7	3.94	7.74	36.181	2.36
118.75	3.97	6.87	36.196	2.09
118.8	3.98	5.55	36.211	1.69
118.85	3.99	5.72	36.226	1.74
118.9	4	6.44	36.242	1.96
118.95	4	6.69	36.257	2.04
119	4	5.55	36.272	1.69
119.05	4	5.56	36.287	1.69
119.1	4	7.01	36.302	2.14
119.15	4	7.02	36.318	2.14
119.2	4	5.72	36.333	1.74
119.25	4	7.11	36.348	2.17
119.3	4	5.48	36.363	1.67
119.35	3.5	7.47	36.379	2.28
119.4	3.75	7.1	36.394	2.16
119.45	4.37	6.53	36.409	1.99
119.5	4.69	5.71	36.424	1.74
119.55	4.84	4.49	36.44	1.37
119.6	5.92	4.03	36.455	1.23
119.65	5.96	3.1	36.47	0.95
119.7	6.98	2.97	36.485	0.9
119.75	13.49	2.54	36.501	0.77
119.8	16.75	2.99	36.516	0.91
119.85	17.37	2.66	36.531	0.81
119.9	15.19	2.91	36.546	0.89
119.95	12.09	1.88	36.562	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	10.05	3.42	36.577	1.04
120.05	9.02	3.4	36.592	1.04
120.1	8.01	2.72	36.607	0.83
120.15	7.01	1.84	36.623	0.56
120.2	6	3.21	36.638	0.98
120.25	5.5	1.55	36.653	0.47
120.3	5.25	2.05	36.668	0.63
120.35	5.13	1.11	36.684	0.34
120.4	5.06	5.23	36.699	1.59
120.45	5.03	1.45	36.714	0.44
120.5	5.02	3.61	36.729	1.1
120.55	5.01	4.22	36.744	1.29
120.6	5	3.23	36.76	0.99
120.65	5.5	3.02	36.775	0.92
120.7	5.25	2.62	36.79	0.8
120.75	5.63	2.95	36.805	0.9
120.8	5.31	3.02	36.821	0.92
120.85	5.16	2.41	36.836	0.74
120.9	5.08	1.79	36.851	0.54
120.95	5.04	2.25	36.866	0.69
121	5.52	2.69	36.882	0.82
121.05	5.76	3.98	36.897	1.21
121.1	5.88	3.67	36.912	1.12
121.15	5.94	4.32	36.927	1.32
121.2	5.97	3.92	36.943	1.2
121.25	5.48	3.26	36.958	0.99
121.3	5.74	2.77	36.973	0.84
121.35	5.87	4.14	36.988	1.26
121.4	5.94	5.32	37.004	1.62
121.45	5.47	4.56	37.019	1.39
121.5	5.23	4.58	37.034	1.4
121.55	5.12	3.8	37.049	1.16
121.6	5.06	5.11	37.065	1.56
121.65	5.03	4.59	37.08	1.4
121.7	5.01	4.46	37.095	1.36
121.75	4.51	4.37	37.11	1.33
121.8	4.75	4.75	37.126	1.45
121.85	4.38	4.45	37.141	1.36
121.9	4.19	4.88	37.156	1.49
121.95	4.09	3.75	37.171	1.14
122	4.05	3.94	37.186	1.2
122.05	4.02	4.52	37.202	1.38
122.1	4.01	5.07	37.217	1.55
122.15	4.01	4.18	37.232	1.27
122.2	3.5	5.16	37.247	1.57
122.25	4.25	3.97	37.263	1.21
122.3	4.13	5.71	37.278	1.74
122.35	4.06	4.32	37.293	1.32
122.4	4.03	2.56	37.308	0.78
122.45	4.02	3.49	37.324	1.06
122.5	4.51	3.8	37.339	1.16
122.55	4.25	4.8	37.354	1.46
122.6	4.63	5.39	37.369	1.64
122.65	4.31	3.41	37.385	1.04
122.7	4.16	4.68	37.4	1.43
122.75	4.08	4.35	37.415	1.33
122.8	4.54	6.28	37.43	1.92
122.85	4.77	6.72	37.446	2.05
122.9	4.38	6.78	37.461	2.07
122.95	4.19	5.4	37.476	1.65
123	4.1	4.51	37.491	1.38
123.05	4.05	6.42	37.507	1.96

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	4.52	6.28	37.522	1.91
123.15	4.76	5.68	37.537	1.73
123.2	4.88	6.92	37.552	2.11
123.25	4.94	6.48	37.567	1.97
123.3	4.97	4.02	37.583	1.23
123.35	4.99	5.56	37.598	1.7
123.4	4.99	5.27	37.613	1.61
123.45	5	4.25	37.628	1.3
123.5	4.5	4.38	37.644	1.34
123.55	4.25	6.54	37.659	1.99
123.6	4.12	6.39	37.674	1.95
123.65	4.06	2.09	37.689	0.64
123.7	4.53	5.37	37.705	1.64
123.75	4.77	6.69	37.72	2.04
123.8	4.88	6.14	37.735	1.87
123.85	4.44	4.78	37.75	1.46
123.9	4.22	5.28	37.766	1.61
123.95	4.11	5.01	37.781	1.53
124	4.06	6.06	37.796	1.85
124.05	4.03	5.26	37.811	1.6
124.1	4.01	4.39	37.827	1.34
124.15	4.01	4.06	37.842	1.24
124.2	4	5.41	37.857	1.65
124.25	4	6.53	37.872	1.99
124.3	4	3.49	37.888	1.06
124.35	4	4.83	37.903	1.47
124.4	4	3.96	37.918	1.21
124.45	4	5.03	37.933	1.53
124.5	4.5	4.63	37.949	1.41
124.55	4.25	5.22	37.964	1.59
124.6	4.63	5.76	37.979	1.75
124.65	4.31	3.08	37.994	0.94
124.7	4.16	4.27	38.009	1.3
124.75	4.08	3.05	38.025	0.93
124.8	4.04	4.36	38.04	1.33
124.85	4.02	6.34	38.055	1.93
124.9	4.01	4.55	38.07	1.39
124.95	4	5.15	38.086	1.57
125	4	6.53	38.101	1.99
125.05	4	5.85	38.116	1.78
125.1	4	7.71	38.131	2.35
125.15	4.5	6.14	38.147	1.87
125.2	4.75	6.19	38.162	1.89
125.25	4.88	6.13	38.177	1.87
125.3	4.94	8.34	38.192	2.54
125.35	4.97	5.22	38.208	1.59
125.4	4.48	7.02	38.223	2.14
125.45	4.24	5.66	38.238	1.73
125.5	4.62	6.15	38.253	1.87
125.55	4.81	6.24	38.269	1.9
125.6	4.41	8.22	38.284	2.5
125.65	4.7	7.44	38.299	2.27
125.7	4.35	6.81	38.314	2.07
125.75	4.68	6.68	38.33	2.04
125.8	4.84	6.72	38.345	2.05
125.85	4.42	9.12	38.36	2.78
125.9	4.71	6.32	38.375	1.93
125.95	4.35	7.13	38.39	2.17
126	4.18	7.44	38.406	2.27
126.05	4.09	7.4	38.421	2.25
126.1	4.04	6.48	38.436	1.98
126.15	4.02	10.36	38.451	3.16

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	4.51	7.11	38.467	2.17
126.25	4.76	5.9	38.482	1.8
126.3	4.88	7.65	38.497	2.33
126.35	4.94	5.88	38.512	1.79
126.4	4.97	6.79	38.528	2.07
126.45	4.98	7.78	38.543	2.37
126.5	4.99	8.59	38.558	2.62
126.55	5	8.7	38.573	2.65
126.6	5	7.66	38.589	2.33
126.65	4.5	7.26	38.604	2.21
126.7	4.25	7.99	38.619	2.44
126.75	4.62	5.51	38.634	1.68
126.8	4.81	7.35	38.65	2.24
126.85	5.41	6.37	38.665	1.94
126.9	5.7	6.87	38.68	2.1
126.95	5.85	7.63	38.695	2.33
127	5.43	7.81	38.711	2.38
127.05	5.71	7.09	38.726	2.16
127.1	5.36	7.64	38.741	2.33
127.15	5.18	7.99	38.756	2.44
127.2	5.09	8.12	38.772	2.47
127.25	5.04	8.59	38.787	2.62
127.3	5.52	7.82	38.802	2.38
127.35	5.26	10.03	38.817	3.06
127.4	5.63	6.98	38.832	2.13
127.45	5.32	0	38.848	0
127.5	5.16	2.76	38.863	0.84
127.55	5.08	5.06	38.878	1.54
127.6	5.04	4.84	38.893	1.48
127.65	4.52	5.54	38.909	1.69
127.7	4.26	3.42	38.924	1.04
127.75	4.63	6.8	38.939	2.07
127.8	4.81	6.61	38.954	2.02
127.85	4.91	4.52	38.97	1.38
127.9	4.95	6.83	38.985	2.08
127.95	4.48	8.86	39	2.7
128	4.24	7.54	39.015	2.3
128.05	4.12	6.16	39.031	1.88
128.1	4.06	5.88	39.046	1.79
128.15	4.03	8.49	39.061	2.59
128.2	4.01	7.23	39.076	2.2
128.25	4.01	4.69	39.092	1.43
128.3	4	6.76	39.107	2.06
128.35	4	6.22	39.122	1.9
128.4	4	4.84	39.137	1.47
128.45	4	6.03	39.153	1.84
128.5	4	4.08	39.168	1.24
128.55	4	5.38	39.183	1.64
128.6	4	4.84	39.198	1.48
128.65	4	4.05	39.214	1.23
128.7	4	4.92	39.229	1.5
128.75	4	5.61	39.244	1.71
128.8	3.5	4.87	39.259	1.48
128.85	3.25	6.38	39.274	1.95
128.9	3.63	3.99	39.29	1.22
128.95	3.31	8.26	39.305	2.52
129	3.66	5.74	39.32	1.75
129.05	3.83	5.52	39.335	1.68
129.1	3.91	4.16	39.351	1.27
129.15	3.96	6.87	39.366	2.09
129.2	3.98	5.68	39.381	1.73
129.25	3.99	6.04	39.396	1.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	3.49	5.37	39.412	1.64
129.35	3.75	4.39	39.427	1.34
129.4	3.87	6.67	39.442	2.03
129.45	3.94	4.85	39.457	1.48
129.5	3.97	3.84	39.473	1.17
129.55	3.98	5.38	39.488	1.64
129.6	3.99	4.36	39.503	1.33
129.65	4.5	5.78	39.518	1.76
129.7	4.75	5.37	39.534	1.64
129.75	4.87	8.14	39.549	2.48
129.8	4.94	7.19	39.564	2.19
129.85	4.97	4.92	39.579	1.5
129.9	4.98	5.68	39.595	1.73
129.95	4.49	5.64	39.61	1.72
130	4.25	5.83	39.625	1.78
130.05	4.12	8.17	39.64	2.49
130.1	4.06	4.1	39.655	1.25
130.15	4.03	4.89	39.671	1.49
130.2	4.02	6.86	39.686	2.09
130.25	4.01	3.92	39.701	1.19
130.3	3.5	5.03	39.716	1.53
130.35	3.25	4.64	39.732	1.42
130.4	3.63	5.69	39.747	1.73
130.45	3.81	4.59	39.762	1.4
130.5	3.91	4.76	39.777	1.45
130.55	3.45	6.51	39.793	1.98
130.6	3.23	4.25	39.808	1.3
130.65	3.11	6	39.823	1.83
130.7	3.56	4.95	39.838	1.51
130.75	3.28	4.62	39.854	1.41
130.8	3.64	4.54	39.869	1.38
130.85	3.82	5.07	39.884	1.55
130.9	3.91	6.15	39.899	1.87
130.95	3.95	6.52	39.915	1.99
131	3.98	3.97	39.93	1.21
131.05	3.99	5.53	39.945	1.69
131.1	3.99	6.39	39.96	1.95
131.15	3.5	5.81	39.976	1.77
131.2	3.25	4.93	39.991	1.5
131.25	3.62	5.25	40.006	1.6
131.3	3.81	6.06	40.021	1.85
131.35	3.91	7.01	40.037	2.14
131.4	3.45	7.52	40.052	2.29
131.45	3.23	6.67	40.067	2.03
131.5	3.11	10.43	40.082	3.18
131.55	3.06	8.39	40.097	2.56
131.6	3.53	6.88	40.113	2.1
131.65	3.76	7.85	40.128	2.39
131.7	3.88	6.79	40.143	2.07
131.75	3.94	6.92	40.158	2.11
131.8	3.97	6.44	40.174	1.96
131.85	3.99	6.82	40.189	2.08
131.9	3.99	8.82	40.204	2.69
131.95	4	5.63	40.219	1.72
132	4	7.15	40.235	2.18
132.05	4	7.75	40.25	2.36
132.1	4	6.89	40.265	2.1
132.15	4	8.15	40.28	2.48
132.2	4	8.24	40.296	2.51
132.25	4	7.73	40.311	2.36
132.3	4	8.92	40.326	2.72
132.35	4	7.14	40.341	2.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	4	8.45	40.357	2.58
132.45	3.5	2.47	40.372	0.75
132.5	3.75	5.44	40.387	1.66
132.55	3.87	5.27	40.402	1.61
132.6	3.94	6.45	40.418	1.97
132.65	3.97	7.97	40.433	2.43
132.7	3.98	8.94	40.448	2.72
132.75	3.99	7.57	40.463	2.31
132.8	4	5.88	40.479	1.79
132.85	4	6.55	40.494	2
132.9	4	7.37	40.509	2.25
132.95	4	6.87	40.524	2.09
133	4	9.3	40.539	2.83
133.05	3.5	6.85	40.555	2.09
133.1	3.75	6.89	40.57	2.1
133.15	3.87	7.86	40.585	2.4
133.2	3.44	7.1	40.6	2.16
133.25	3.22	5.31	40.616	1.62
133.3	3.61	6.37	40.631	1.94
133.35	3.8	6.48	40.646	1.97
133.4	3.9	8.7	40.661	2.65
133.45	3.95	5.58	40.677	1.7
133.5	3.48	5.64	40.692	1.72
133.55	3.24	5.33	40.707	1.62
133.6	3.62	7.19	40.722	2.19
133.65	3.81	4.89	40.738	1.49
133.7	3.4	5.49	40.753	1.67
133.75	3.2	5.78	40.768	1.76
133.8	3.6	5.58	40.783	1.7
133.85	3.3	4.24	40.799	1.29
133.9	3.15	4.54	40.814	1.38
133.95	3.08	6.36	40.829	1.94
134	3.04	3.53	40.844	1.07
134.05	3.02	6.59	40.86	2.01
134.1	3.01	5.01	40.875	1.53
134.15	3	6.89	40.89	2.1
134.2	3	3.12	40.905	0.95
134.25	3	5.86	40.92	1.79
134.3	3.5	6.24	40.936	1.9
134.35	3.75	5.58	40.951	1.7
134.4	3.88	5.78	40.966	1.76
134.45	3.94	3.91	40.981	1.19
134.5	3.97	5.69	40.997	1.73
134.55	3.98	5.11	41.012	1.56
134.6	3.99	6.19	41.027	1.89
134.65	4	5.99	41.042	1.83
134.7	4	4.38	41.058	1.34
134.75	4	6.21	41.073	1.89
134.8	4	5.74	41.088	1.75
134.85	4	4.29	41.103	1.31
134.9	4	4.58	41.119	1.4
134.95	4	6.03	41.134	1.84
135	4	6.08	41.149	1.85
135.05	4	3.94	41.164	1.2
135.1	4	5.28	41.18	1.61
135.15	4	4.97	41.195	1.52
135.2	3.5	5.19	41.21	1.58
135.25	3.25	4.82	41.225	1.47
135.3	3.62	5.47	41.241	1.67
135.35	3.81	4.06	41.256	1.24
135.4	3.41	6.93	41.271	2.11
135.45	3.2	4.38	41.286	1.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	3.1	5.39	41.302	1.64
135.55	3.05	3.99	41.317	1.22
135.6	3.53	4.45	41.332	1.36
135.65	3.26	5.81	41.347	1.77
135.7	3.13	6.15	41.362	1.88
135.75	3.07	3.65	41.378	1.11
135.8	3.53	4.48	41.393	1.37
135.85	3.77	4.54	41.408	1.38
135.9	3.88	5.62	41.423	1.71
135.95	3.44	4.74	41.439	1.44
136	3.22	5.34	41.454	1.63
136.05	3.11	7.03	41.469	2.14
136.1	3.06	7.47	41.484	2.28
136.15	3.53	5.45	41.5	1.66
136.2	3.26	4.03	41.515	1.23
136.25	3.13	5.65	41.53	1.72
136.3	3.07	5.81	41.545	1.77
136.35	3.03	5.18	41.561	1.58
136.4	3.52	5.68	41.576	1.73
136.45	3.76	5.73	41.591	1.75
136.5	3.88	5.01	41.606	1.53
136.55	3.94	5.19	41.622	1.58
136.6	3.97	5.84	41.637	1.78
136.65	3.48	4.83	41.652	1.47
136.7	3.24	5.62	41.667	1.71
136.75	3.12	5.49	41.683	1.67
136.8	3.06	6.36	41.698	1.94
136.85	3.03	5.45	41.713	1.66
136.9	3.02	5.14	41.728	1.57
136.95	3.01	5.03	41.744	1.53
137	3	6.53	41.759	1.99
137.05	3.5	4.3	41.774	1.31
137.1	3.25	4.43	41.789	1.35
137.15	3.13	4.47	41.804	1.36
137.2	3.06	3.85	41.82	1.17
137.25	3.03	4.72	41.835	1.44
137.3	3.02	4.76	41.85	1.45
137.35	3.01	4.28	41.865	1.3
137.4	3	2.1	41.881	0.64
137.45	3	3.14	41.896	0.96
137.5	3	5.45	41.911	1.66
137.55	3	3.96	41.926	1.21
137.6	3	2.73	41.942	0.83
137.65	3	4.16	41.957	1.27
137.7	3	3.87	41.972	1.18
137.75	3	4.15	41.987	1.26
137.8	3	4.93	42.003	1.5
137.85	3	3.91	42.018	1.19
137.9	3	3.72	42.033	1.13
137.95	3.5	4.79	42.048	1.46
138	3.75	4.34	42.064	1.32
138.05	3.88	4.64	42.079	1.41
138.1	3.94	4.86	42.094	1.48
138.15	3.47	4.89	42.109	1.49
138.2	3.23	3.74	42.125	1.14
138.25	3.12	6.31	42.14	1.92
138.3	3.06	3.01	42.155	0.92
138.35	3.53	5.25	42.17	1.6
138.4	3.26	2.61	42.185	0.8
138.45	3.63	2.5	42.201	0.76
138.5	3.82	4.96	42.216	1.51
138.55	3.91	2.3	42.231	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	3.95	2.96	42.246	0.9
138.65	3.98	2.54	42.262	0.77
138.7	3.49	3.21	42.277	0.98
138.75	3.74	3.18	42.292	0.97
138.8	3.87	2.66	42.307	0.81
138.85	3.94	4.67	42.323	1.42
138.9	3.97	3.45	42.338	1.05
138.95	3.48	1.79	42.353	0.55
139	3.24	6.2	42.368	1.89
139.05	3.12	2.99	42.384	0.91
139.1	3.06	2.92	42.399	0.89
139.15	3.53	3.33	42.414	1.01
139.2	3.77	3.53	42.429	1.08
139.25	3.88	4.11	42.445	1.25
139.3	3.94	1.74	42.46	0.53
139.35	3.47	3.67	42.475	1.12
139.4	3.74	3.56	42.49	1.09
139.45	3.87	2.96	42.506	0.9
139.5	3.93	2.2	42.521	0.67
139.55	3.97	4.04	42.536	1.23
139.6	3.48	2.87	42.551	0.87
139.65	3.24	3.81	42.567	1.16
139.7	3.12	5.02	42.582	1.53
139.75	3.06	4.19	42.597	1.28
139.8	3.03	4.35	42.612	1.33
139.85	3.52	4.14	42.627	1.26
139.9	3.76	3.53	42.643	1.07
139.95	3.88	3.52	42.658	1.07
140	3.94	4.46	42.673	1.36
140.05	3.47	5.99	42.688	1.83
140.1	3.73	2.5	42.704	0.76
140.15	3.87	5.33	42.719	1.62
140.2	3.43	3.23	42.734	0.98
140.25	3.72	5.21	42.749	1.59
140.3	3.86	4.9	42.765	1.49
140.35	3.93	3.07	42.78	0.94
140.4	3.46	7.53	42.795	2.3
140.45	3.23	3.35	42.81	1.02
140.5	3.12	2.98	42.826	0.91
140.55	3.06	3.32	42.841	1.01
140.6	3.03	2.55	42.856	0.78
140.65	3.01	2.62	42.871	0.8
140.7	3.01	3.79	42.887	1.16
140.75	3	2.41	42.902	0.73
140.8	3	4.65	42.917	1.42
140.85	3	2.45	42.932	0.75
140.9	3	2.55	42.948	0.78
140.95	3.5	2.83	42.963	0.86
141	4.75	2.03	42.978	0.62
141.05	6.88	3.6	42.993	1.1
141.1	7.94	2.3	43.008	0.7
141.15	8.47	1.72	43.024	0.53
141.2	8.23	3.19	43.039	0.97
141.25	8.12	2.8	43.054	0.85
141.3	7.56	2.84	43.069	0.86
141.35	6.78	1.95	43.085	0.6
141.4	6.39	4.35	43.1	1.32
141.45	6.19	3.38	43.115	1.03
141.5	6.1	3.37	43.13	1.03
141.55	6.05	2.57	43.146	0.78
141.6	5.52	3.09	43.161	0.94
141.65	5.26	2.48	43.176	0.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	4.63	2.83	43.191	0.86
141.75	4.32	3.6	43.207	1.1
141.8	3.66	2.33	43.222	0.71
141.85	3.33	2.82	43.237	0.86
141.9	3.16	3.28	43.252	1
141.95	3.58	3.19	43.268	0.97
142	5.79	2.03	43.283	0.62
142.05	4.4	3.34	43.298	1.02
142.1	4.2	2.6	43.313	0.79
142.15	37.1	3.23	43.329	0.99
142.2	834.55	2.92	43.344	0.89
142.25	994.77	2.35	43.359	0.72
142.3	595.89	1.88	43.374	0.57
142.35	320.94	1.94	43.39	0.59
142.4	161.97	0.46	43.405	0.14
142.45	82.99	2.52	43.42	0.77
142.5	43.49	2.4	43.435	0.73
142.55	23.75	3.57	43.45	1.09
142.6	14.37	1.27	43.466	0.39
142.65	9.19	6.66	43.481	2.03
142.7	6.59	8.03	43.496	2.45
142.75	5.3	3.52	43.511	1.07
142.8	4.65	2.6	43.527	0.79
142.85	4.32	3.57	43.542	1.09
142.9	4.16	5.22	43.557	1.59
142.95	4.08	2.99	43.572	0.91
143	4.04	2.78	43.588	0.85
143.05	4.02	2.8	43.603	0.85
143.1	4.01	3.34	43.618	1.02
143.15	4.01	3.03	43.633	0.92
143.2	4	4.88	43.649	1.49
143.25	4	4.37	43.664	1.33
143.3	4	5.06	43.679	1.54
143.35	3.5	4.46	43.694	1.36
143.4	3.75	5.41	43.71	1.65
143.45	3.38	2.56	43.725	0.78
143.5	3.19	4.22	43.74	1.29
143.55	3.59	5.08	43.755	1.55
143.6	3.3	5.7	43.771	1.74
143.65	3.15	3.05	43.786	0.93
143.7	3.57	3.05	43.801	0.93
143.75	3.79	5.82	43.816	1.78
143.8	3.39	3.57	43.832	1.09
143.85	3.2	3.59	43.847	1.09
143.9	3.1	3.54	43.862	1.08
143.95	3.05	5.42	43.877	1.65
144	3.52	3.8	43.892	1.16
144.05	3.76	3.85	43.908	1.17
144.1	3.88	5.87	43.923	1.79
144.15	3.94	3.83	43.938	1.17
144.2	3.97	3.79	43.953	1.16
144.25	3.99	6.82	43.969	2.08
144.3	3.99	5.01	43.984	1.53
144.35	3.5	5.64	43.999	1.72
144.4	3.25	5.45	44.014	1.66
144.45	3.12	5.41	44.03	1.65
144.5	3.06	6	44.045	1.83
144.55	3.53	8.15	44.06	2.48
144.6	3.77	4.21	44.075	1.28
144.65	3.38	5.33	44.091	1.63
144.7	3.69	6.22	44.106	1.9
144.75	3.35	5.33	44.121	1.63

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.8	3.17	4.76	44.136	1.45
144.85	3.09	5.63	44.152	1.72
144.9	3.04	6.26	44.167	1.91
144.95	3.02	7.1	44.182	2.16
145	3.01	8.8	44.197	2.68
145.05	3.01	5.63	44.213	1.72
145.1	3.5	5.3	44.228	1.62
145.15	3.25	6.56	44.243	2
145.2	3.63	5.68	44.258	1.73
145.25	3.81	5.92	44.273	1.81
145.3	3.41	6.83	44.289	2.08
145.35	3.2	6.22	44.304	1.9
145.4	3.1	6.55	44.319	2
145.45	3.05	5.71	44.334	1.74
145.5	3.03	4.98	44.35	1.52
145.55	3.01	6.14	44.365	1.87
145.6	3.01	7.09	44.38	2.16
145.65	3	6.47	44.395	1.97
145.7	3	6.13	44.411	1.87
145.75	3	3.98	44.426	1.21
145.8	3	5.62	44.441	1.71
145.85	3	4.77	44.456	1.45
145.9	3	4.87	44.472	1.49
145.95	3	5.83	44.487	1.78
146	3	5.3	44.502	1.62
146.05	3	7.13	44.517	2.17
146.1	3	6.88	44.533	2.1
146.15	3	3.93	44.548	1.2
146.2	3	5.52	44.563	1.68
146.25	3	5.71	44.578	1.74
146.3	3	5.22	44.594	1.59
146.35	3	4.36	44.609	1.33
146.4	3	4.28	44.624	1.31
146.45	3	5.97	44.639	1.82
146.5	3	6.2	44.655	1.89
146.55	3	3.89	44.67	1.19
146.6	3	5.48	44.685	1.67
146.65	3	3.88	44.7	1.18
146.7	3	5.67	44.715	1.73
146.75	3	6.13	44.731	1.87
146.8	3	6.41	44.746	1.96
146.85	3	6.62	44.761	2.02
146.9	3	6.12	44.776	1.87
146.95	3	6.85	44.792	2.09
147	3	4.65	44.807	1.42
147.05	3	5.45	44.822	1.66
147.1	3	5.57	44.837	1.7
147.15	3	4.22	44.853	1.29
147.2	3	4.16	44.868	1.27
147.25	3	4.2	44.883	1.28
147.3	3	3.21	44.898	0.98
147.35	3	4.69	44.914	1.43
147.4	3.5	3.15	44.929	0.96
147.45	3.25	3.64	44.944	1.11
147.5	3.12	3.88	44.959	1.18
147.55	2.56	4.94	44.975	1.51
147.6	2.28	2.77	44.99	0.85
147.65	2.64	3.75	45.005	1.14
147.7	2.82	6.04	45.02	1.84
147.75	2.91	3.61	45.036	1.1
147.8	2.96	3.82	45.051	1.16
147.85	2.98	4.68	45.066	1.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.9	2.99	5.71	45.081	1.74
147.95	2.99	2.33	45.097	0.71
148	3	3.83	45.112	1.17
148.05	3	4.14	45.127	1.26
148.1	3	4.11	45.142	1.25
148.15	3	2.99	45.157	0.91
148.2	3	2.64	45.173	0.8
148.25	3.5	2.86	45.188	0.87
148.3	3.75	4.6	45.203	1.4
148.35	4.37	4.41	45.218	1.35
148.4	5.19	3.4	45.234	1.04
148.45	6.59	3.75	45.249	1.14
148.5	7.3	3.12	45.264	0.95
148.55	8.65	3.32	45.279	1.01
148.6	10.32	5.1	45.295	1.56
148.65	11.16	4	45.31	1.22
148.7	11.58	4.86	45.325	1.48
148.75	12.79	3.18	45.34	0.97
148.8	14.4	3.68	45.356	1.12
148.85	14.7	6.24	45.371	1.9
148.9	15.35	4.95	45.386	1.51
148.95	16.67	6.59	45.401	2.01
149	17.34	5.94	45.417	1.81
149.05	17.67	7.17	45.432	2.19
149.1	18.33	4.18	45.447	1.27
149.15	18.67	6.67	45.462	2.03
149.2	18.83	5.48	45.478	1.67
149.25	19.42	4.81	45.493	1.47
149.3	20.21	4.53	45.508	1.38
149.35	21.6	5.25	45.523	1.6
149.4	22.3	4.79	45.538	1.46
149.45	19.65	5.67	45.554	1.73
149.5	22.33	3.18	45.569	0.97
149.55	25.16	6.88	45.584	2.1
149.6	26.58	5.79	45.599	1.76
149.65	27.29	6.78	45.615	2.07
149.7	28.15	4.54	45.63	1.38
149.75	28.57	6.68	45.645	2.04
149.8	27.29	6.91	45.66	2.11
149.85	26.14	3.25	45.676	0.99
149.9	26.07	3.77	45.691	1.15
149.95	27.54	6.85	45.706	2.09
150	27.77	5.58	45.721	1.7
150.05	28.38	3.75	45.737	1.14
150.1	27.69	3.64	45.752	1.11
150.15	28.85	6.22	45.767	1.9
150.2	30.42	4.42	45.782	1.35
150.25	32.71	4.89	45.798	1.49
150.3	32.36	2.86	45.813	0.87
150.35	32.68	4.33	45.828	1.32
150.4	31.34	4.67	45.843	1.42
150.45	27.17	2.64	45.859	0.8
150.5	23.08	3.51	45.874	1.07
150.55	21.54	2.63	45.889	0.8
150.6	20.27	2.22	45.904	0.68
150.65	18.64	3.24	45.92	0.99
150.7	17.32	1.43	45.935	0.44
150.75	15.16	2.08	45.95	0.64
150.8	13.58	2.83	45.965	0.86
150.85	20.29	1.82	45.98	0.55
150.9	25.14	2.12	45.996	0.65
150.95	23.07	2.39	46.011	0.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	18.04	3.49	46.026	1.07
151.05	14.52	3.22	46.041	0.98
151.1	12.26	2.76	46.057	0.84
151.15	10.63	3.63	46.072	1.11
151.2	9.31	2.97	46.087	0.91
151.25	8.16	4.54	46.102	1.38
151.3	7.58	3.89	46.118	1.19
151.35	6.79	3.15	46.133	0.96
151.4	5.89	1.75	46.148	0.53
151.45	5.45	3.04	46.163	0.93
151.5	5.22	3.16	46.179	0.96
151.55	5.61	2.27	46.194	0.69
151.6	5.81	2.81	46.209	0.86
151.65	6.9	2.12	46.224	0.65
151.7	11.45	3.49	46.24	1.06
151.75	13.23	3.98	46.255	1.21
151.8	17.61	2.77	46.27	0.85
151.85	19.81	4.86	46.285	1.48
151.9	27.4	3.4	46.301	1.04
151.95	113.7	2.78	46.316	0.85
152	65.85	3.4	46.331	1.04
152.05	37.93	1.77	46.346	0.54
152.1	21.96	2.05	46.362	0.62
152.15	12.98	1.16	46.377	0.35
152.2	12.99	2.36	46.392	0.72
152.25	19	2.28	46.407	0.7
152.3	37.5	2.43	46.422	0.74
152.35	33.75	1.31	46.438	0.4
152.4	47.87	1.7	46.453	0.52
152.45	48.94	4.9	46.468	1.49
152.5	35.97	1.81	46.483	0.55
152.55	27.98	1.77	46.499	0.54
152.6	27.49	1.65	46.514	0.5
152.65	19.25	7.05	46.529	2.15
152.7	14.12	4.06	46.544	1.24
152.75	10.56	1.57	46.56	0.48
152.8	8.28	3.3	46.575	1.01
152.85	6.64	3.35	46.59	1.02
152.9	5.82	6.5	46.605	1.98
152.95	4.91	1.73	46.621	0.53
153	4.46	4.27	46.636	1.3
153.05	4.23	2.35	46.651	0.72
153.1	4.11	1.49	46.666	0.45
153.15	4.06	4.61	46.682	1.41
153.2	4.03	2.7	46.697	0.82
153.25	4.01	4.64	46.712	1.41
153.3	4.01	2.64	46.727	0.8
153.35	4	2.84	46.743	0.86
153.4	4	4.43	46.758	1.35
153.45	3.5	1.38	46.773	0.42
153.5	3.25	3.56	46.788	1.08
153.55	3.13	2.38	46.803	0.72
153.6	3.06	3.65	46.819	1.11
153.65	3.53	2	46.834	0.61
153.7	3.27	3.06	46.849	0.93
153.75	3.63	3.92	46.864	1.2
153.8	3.32	3.58	46.88	1.09
153.85	3.16	3.48	46.895	1.06
153.9	3.08	4.14	46.91	1.26
153.95	3.04	4.53	46.925	1.38
154	3.02	3.08	46.941	0.94
154.05	3.01	2.88	46.956	0.88

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	3	3.34	46.971	1.02
154.15	3	4.5	46.986	1.37
154.2	3	3.28	47.002	1
154.25	3	2.21	47.017	0.67
154.3	3	1.83	47.032	0.56
154.35	3	4.21	47.047	1.28
154.4	3	3.68	47.063	1.12
154.45	3	2.43	47.078	0.74
154.5	3	2.16	47.093	0.66
154.55	3	3.19	47.108	0.97
154.6	3.5	2.97	47.124	0.91
154.65	3.25	1.51	47.139	0.46
154.7	3.13	1.21	47.154	0.37
154.75	3.56	3.65	47.169	1.11
154.8	3.28	5.05	47.185	1.54
154.85	3.14	2.99	47.2	0.91
154.9	3.57	2.28	47.215	0.69
154.95	3.29	1.91	47.23	0.58
155	3.14	3.09	47.245	0.94
155.05	3.07	1.86	47.261	0.57
155.1	3.54	2.61	47.276	0.8
155.15	3.27	2.42	47.291	0.74
155.2	3.63	3.46	47.306	1.05
155.25	3.82	2.91	47.322	0.89
155.3	3.91	4.01	47.337	1.22
155.35	3.95	2.41	47.352	0.74
155.4	3.98	3.65	47.367	1.11
155.45	3.99	2.25	47.383	0.69
155.5	3.99	2.52	47.398	0.77
155.55	4	2.36	47.413	0.72
155.6	4	3.39	47.428	1.03
155.65	4	2.51	47.444	0.77
155.7	4	4.34	47.459	1.32
155.75	4	2.58	47.474	0.79
155.8	3.5	5.07	47.489	1.54
155.85	3.25	2.25	47.505	0.69
155.9	3.12	2.52	47.52	0.77
155.95	3.06	3.65	47.535	1.11
156	3.03	3.73	47.55	1.14
156.05	3.02	3.08	47.566	0.94
156.1	3.01	2.51	47.581	0.77
156.15	3	3.23	47.596	0.98
156.2	3.5	3.6	47.611	1.1
156.25	3.75	3.19	47.627	0.97
156.3	3.88	2.08	47.642	0.63
156.35	3.94	3.13	47.657	0.96
156.4	3.97	3.73	47.672	1.14
156.45	3.48	2.14	47.687	0.65
156.5	3.24	2.7	47.703	0.82
156.55	3.12	2.65	47.718	0.81
156.6	3.06	3.12	47.733	0.95
156.65	3.03	2.86	47.748	0.87
156.7	3.02	2.01	47.764	0.61
156.75	3.01	2.52	47.779	0.77
156.8	3	2.29	47.794	0.7
156.85	3	1.88	47.809	0.57
156.9	3	2.24	47.825	0.68
156.95	3	2.55	47.84	0.78
157	3	1.62	47.855	0.49
157.05	3	3.31	47.87	1.01
157.1	3	3.75	47.886	1.14
157.15	3	2.31	47.901	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
157.2	3	1.94	47.916	0.59
157.25	3	2.56	47.931	0.78
157.3	3	1.76	47.947	0.54
157.35	3	1.25	47.962	0.38
157.4	3	1.52	47.977	0.46
157.46	3	2.56	47.992	0.78
157.51	3	2.49	48.008	0.76
157.56	3	3.41	48.023	1.04
157.61	3	1.62	48.038	0.49
157.66	3	3.45	48.053	1.05
157.71	3	2.65	48.068	0.81
157.76	3	6.55	48.084	2
157.81	3	5.26	48.099	1.6
157.86	3	6.45	48.114	1.96
157.91	3	3.65	48.129	1.11
157.96	3	1.78	48.145	0.54
158.01	3	4.33	48.16	1.32
158.06	3	3.42	48.175	1.04
158.11	3	1.78	48.19	0.54
158.16	3	2.97	48.206	0.91
158.21	3	2.61	48.221	0.79
158.26	3	3.21	48.236	0.98
158.31	3	4.37	48.251	1.33
158.36	3	2.6	48.267	0.79
158.41	3	2.77	48.282	0.84
158.46	3	4.09	48.297	1.25
158.51	3.5	3.84	48.312	1.17
158.56	3.75	3.17	48.328	0.97
158.61	3.88	3.22	48.343	0.98
158.66	3.94	2.6	48.358	0.79
158.71	3.97	5.41	48.373	1.65
158.76	3.48	3.6	48.389	1.1
158.81	3.24	3.31	48.404	1.01
158.86	3.12	1.94	48.419	0.59
158.91	3.06	3.33	48.434	1.01
158.96	3.03	2.07	48.45	0.63
159.01	3.02	4.84	48.465	1.47
159.06	3.01	1.94	48.48	0.59
159.11	3	5.47	48.495	1.67
159.16	3.5	2.96	48.51	0.9
159.21	3.75	2.86	48.526	0.87
159.26	3.88	3.74	48.541	1.14
159.31	3.44	4.22	48.556	1.28
159.36	3.22	3.68	48.571	1.12
159.41	3.11	3.07	48.587	0.93
159.46	3.05	2.43	48.602	0.74
159.51	3.03	4.32	48.617	1.32
159.56	3.01	3.17	48.632	0.97
159.61	3.01	3.42	48.648	1.04
159.66	3	3.47	48.663	1.06
159.71	3	3.6	48.678	1.1
159.76	3	3.99	48.693	1.22
159.81	3	3.21	48.709	0.98
159.86	3	3.36	48.724	1.03
159.91	3	2.69	48.739	0.82
159.96	3.5	4.82	48.754	1.47
160.01	3.25	2.65	48.77	0.81
160.06	3.13	3.63	48.785	1.11
160.11	3.06	2.77	48.8	0.85
160.16	3.03	3.14	48.815	0.96
160.21	3.02	4.02	48.831	1.23
160.26	3.01	3.06	48.846	0.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
160.31	3	2.58	48.861	0.79
160.36	3	5.6	48.876	1.71
160.41	3	4.47	48.891	1.36
160.46	3	3.91	48.907	1.19
160.51	3	3.84	48.922	1.17
160.56	2.5	3.3	48.937	1
160.61	2.75	2.57	48.952	0.78
160.66	2.88	2.39	48.968	0.73
160.71	2.94	3.25	48.983	0.99
160.76	2.97	2.19	48.998	0.67
160.81	2.98	3.66	49.013	1.12
160.86	2.99	1.7	49.029	0.52
160.91	3	3.77	49.044	1.15
160.96	3	1.99	49.059	0.61
161.01	3	3.02	49.074	0.92
161.06	3	2.48	49.09	0.76
161.11	3	1.91	49.105	0.58
161.16	3	2.17	49.12	0.66
161.21	3	2.68	49.135	0.82
161.26	3	2.52	49.151	0.77
161.31	3	2.41	49.166	0.73
161.36	3	2.43	49.181	0.74
161.41	3	3.05	49.196	0.93
161.46	3	1.03	49.212	0.32
161.51	3	3.74	49.227	1.14
161.56	3	2.62	49.242	0.8
161.61	3	1.46	49.257	0.45
161.66	3	2.96	49.273	0.9
161.71	3	2.01	49.288	0.61
161.76	3	3.15	49.303	0.96
161.81	3	2.74	49.318	0.83
161.86	3	2.78	49.333	0.85
161.91	3.5	1.4	49.349	0.43
161.96	3.25	3.11	49.364	0.95
162.01	3.12	2.61	49.379	0.79
162.06	3.56	1.16	49.394	0.35
162.11	3.78	3.24	49.41	0.99
162.16	3.39	2.53	49.425	0.77
162.21	3.2	2.06	49.44	0.63
162.26	3.6	3	49.455	0.92
162.31	3.3	1.63	49.471	0.5
162.36	3.15	2.77	49.486	0.85
162.41	2.57	1.7	49.501	0.52
162.46	2.79	2.64	49.516	0.81
162.51	2.89	1.64	49.532	0.5
162.56	2.95	3.85	49.547	1.17
162.61	2.97	1.81	49.562	0.55
162.66	2.99	2.22	49.577	0.68
162.71	2.99	1.77	49.593	0.54
162.76	3	2.71	49.608	0.83
162.81	3	0.86	49.623	0.26
162.86	3	1.63	49.638	0.5
162.91	3	1.29	49.654	0.39
162.96	3	4.23	49.669	1.29
163.01	3	1.52	49.684	0.46
163.06	3	3.37	49.699	1.03
163.11	3	3.23	49.715	0.99
163.16	3.5	5.7	49.73	1.74
163.21	3.25	2.91	49.745	0.89
163.26	3.12	4.12	49.76	1.25
163.31	3.06	3.61	49.775	1.1
163.36	3.53	2.96	49.791	0.9

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
163.41	3.77	4.16	49.806	1.27
163.46	3.88	2.82	49.821	0.86
163.51	3.94	3.61	49.836	1.1
163.56	3.97	1.49	49.852	0.45
163.61	3.99	2.7	49.867	0.82
163.66	3.99	2.68	49.882	0.82
163.71	4	3.7	49.897	1.13
163.76	3.5	2.9	49.913	0.88
163.81	3.25	1.56	49.928	0.48
163.86	3.62	2.22	49.943	0.68
163.91	3.31	3.65	49.958	1.11
163.96	3.66	2	49.974	0.61
164.01	3.33	4.23	49.989	1.29
164.06	3.16	2.09	50.004	0.64
164.11	3.58	2.18	50.019	0.67
164.16	3.79	2.28	50.035	0.7
164.21	3.9	3.47	50.05	1.06
164.26	3.95	3.56	50.065	1.08
164.31	3.97	1.86	50.08	0.57
164.36	3.99	2.29	50.096	0.7
164.41	3.99	3.3	50.111	1.01
164.46	4	3.02	50.126	0.92
164.51	4	6.37	50.141	1.94
164.56	4	2.89	50.156	0.88
164.61	4	2.4	50.172	0.73
164.66	4	3.33	50.187	1.01
164.71	3.5	2.15	50.202	0.65
164.76	3.25	3.34	50.217	1.02
164.81	3.12	0.97	50.233	0.29
164.86	3.06	3.81	50.248	1.16
164.91	3.03	3.87	50.263	1.18
164.96	3.02	3.12	50.278	0.95
165.01	3.01	2.44	50.294	0.74
165.06	3	1.91	50.309	0.58
165.11	3	2.91	50.324	0.89
165.16	3	1.1	50.339	0.33
165.21	3	3.21	50.355	0.98
165.26	3	1.76	50.37	0.54
165.31	3	3.58	50.385	1.09
165.36	3	2.66	50.4	0.81
165.41	3	3.34	50.416	1.02
165.46	3	2.54	50.431	0.78
165.51	3	2.81	50.446	0.86
165.56	3	2.08	50.461	0.63
165.61	3	1.42	50.477	0.43
165.66	3	3.47	50.492	1.06
165.71	3	3.86	50.507	1.18
165.76	3	1.11	50.522	0.34
165.81	3	2.11	50.538	0.64
165.86	2.5	3.52	50.553	1.07
165.91	2.75	1.84	50.568	0.56
165.96	2.88	1.91	50.583	0.58
166.01	2.94	1.25	50.598	0.38
166.06	2.97	1.67	50.614	0.51
166.11	2.98	2.13	50.629	0.65
166.16	2.99	1.72	50.644	0.52
166.21	3	4.6	50.659	1.4
166.26	3	2.35	50.675	0.72
166.31	3	2.05	50.69	0.63
166.36	3	3.82	50.705	1.16
166.41	3	2.28	50.72	0.69
166.46	3	2.15	50.736	0.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
166.51	3	1.92	50.751	0.58
166.56	3	2.18	50.766	0.66
166.61	3	2.56	50.781	0.78
166.66	3	2.76	50.797	0.84
166.71	3	2.36	50.812	0.72
166.76	3	1.77	50.827	0.54
166.81	3	2.97	50.842	0.91
166.86	3	0.96	50.858	0.29
166.91	3	2.37	50.873	0.72
166.96	3	1.86	50.888	0.57
167.01	3	3.02	50.903	0.92
167.06	3	1.43	50.919	0.44
167.11	3	3.21	50.934	0.98
167.16	3	2.45	50.949	0.75
167.21	3	2.81	50.964	0.86
167.26	3	1.21	50.98	0.37
167.31	3	1.64	50.995	0.5
167.36	3	1.22	51.01	0.37

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 07:04

LOG END DEPTH: 166.806 FEET

LOG END TIME: Fri Jun 06 2008 09:06

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	56	4.47	0	1.36
0.05	115.5	3.52	0.015	1.07
0.1	103.75	3.44	0.03	1.05
0.15	118.88	3.55	0.046	1.08
0.2	116.44	4.58	0.061	1.4
0.25	112.72	6.11	0.076	1.86
0.3	112.86	5.13	0.091	1.56
0.35	114.93	6.91	0.107	2.11
0.4	114.46	7.48	0.122	2.28
0.45	113.73	6.98	0.137	2.13
0.5	114.37	7.44	0.152	2.27
0.55	90.68	4.81	0.168	1.47
0.6	70.84	6.06	0.183	1.85
0.65	73.42	5.52	0.198	1.68
0.7	84.71	3.64	0.213	1.11
0.75	90.36	4.1	0.229	1.25
0.8	85.68	6.25	0.244	1.91
0.85	80.84	6.86	0.259	2.09
0.9	83.42	7.4	0.274	2.26
0.95	85.21	8.18	0.29	2.49
1	90.6	7.08	0.305	2.16
1.05	89.8	7.77	0.32	2.37
1.1	94.9	7.93	0.335	2.42
1.15	95.45	9.03	0.351	2.75
1.2	102.73	12.95	0.366	3.95
1.25	101.36	12.8	0.381	3.9
1.3	97.68	13.95	0.396	4.25
1.35	98.84	11.35	0.411	3.46
1.4	98.42	14.55	0.427	4.43
1.45	98.21	12.11	0.442	3.69
1.5	100.61	12.34	0.457	3.76
1.55	100.3	13.44	0.472	4.1
1.6	99.65	12.7	0.488	3.87
1.65	98.83	13.52	0.503	4.12
1.7	102.41	13.65	0.518	4.16
1.75	104.21	12.66	0.533	3.86
1.8	104.1	11.3	0.549	3.44
1.85	103.05	8.8	0.564	2.68
1.9	102.53	7.05	0.579	2.15
1.95	101.76	7.1	0.594	2.16
2	103.88	7.17	0.61	2.19
2.05	107.44	2.13	0.625	0.65
2.1	107.22	5.97	0.64	1.82
2.15	110.61	5.43	0.655	1.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	113.81	6.23	0.671	1.9
2.25	110.4	7.69	0.686	2.34
2.3	106.7	8.82	0.701	2.69
2.35	107.35	8.24	0.716	2.51
2.4	106.68	2.17	0.732	0.66
2.45	104.34	5.84	0.747	1.78
2.5	105.17	9.86	0.762	3.01
2.55	104.08	4.73	0.777	1.44
2.6	102.54	5.66	0.792	1.72
2.65	102.27	6.07	0.808	1.85
2.7	103.14	7.26	0.823	2.21
2.75	102.57	7.48	0.838	2.28
2.8	103.78	5.99	0.853	1.83
2.85	103.39	6.81	0.869	2.08
2.9	104.7	7.4	0.884	2.26
2.95	104.85	7.55	0.899	2.3
3	104.92	8.92	0.914	2.72
3.05	103.96	9.02	0.93	2.75
3.1	103.48	8.71	0.945	2.66
3.15	105.24	10.16	0.96	3.1
3.2	105.62	9.35	0.975	2.85
3.25	106.81	10.02	0.991	3.06
3.3	108.91	10.99	1.006	3.35
3.35	107.95	10.67	1.021	3.25
3.4	106.98	10.39	1.036	3.17
3.45	106.99	10.32	1.052	3.15
3.5	106.99	10.63	1.067	3.24
3.55	106	12.83	1.082	3.91
3.6	103.5	11.55	1.097	3.52
3.65	103.25	12.09	1.113	3.69
3.7	101.62	11.78	1.128	3.59
3.75	101.31	11.3	1.143	3.45
3.8	102.16	12.47	1.158	3.8
3.85	103.08	11.38	1.173	3.47
3.9	103.54	12.74	1.189	3.88
3.95	104.27	12.32	1.204	3.76
4	105.63	11.63	1.219	3.55
4.05	105.82	12	1.234	3.66
4.1	106.91	12.46	1.25	3.8
4.15	107.45	12.31	1.265	3.75
4.2	106.23	13.38	1.28	4.08
4.25	106.61	13.31	1.295	4.06
4.3	108.81	14.46	1.311	4.41
4.35	108.9	14.57	1.326	4.44
4.4	110.45	17.22	1.341	5.25
4.45	111.73	15.16	1.356	4.62
4.5	114.36	16.07	1.372	4.9
4.55	115.18	15.86	1.387	4.83
4.6	115.09	17.03	1.402	5.19
4.65	114.05	15.77	1.417	4.81
4.7	110.52	15.41	1.433	4.7
4.75	110.26	16.32	1.448	4.98
4.8	110.13	17.28	1.463	5.27
4.85	109.07	15.05	1.478	4.59
4.9	108.53	15.13	1.494	4.61
4.95	106.27	16.73	1.509	5.1
5	107.13	16.63	1.524	5.07
5.05	109.57	15.33	1.539	4.67
5.1	109.78	16.08	1.554	4.9
5.15	111.39	14.79	1.57	4.51
5.2	112.2	14.07	1.585	4.29
5.25	113.1	14.19	1.6	4.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	114.55	15.68	1.615	4.78
5.35	116.27	15.24	1.631	4.65
5.4	116.14	14.03	1.646	4.28
5.45	117.07	16	1.661	4.88
5.5	116.03	15.93	1.676	4.86
5.55	114.52	14.8	1.692	4.51
5.6	113.76	15.39	1.707	4.69
5.65	112.38	14.62	1.722	4.46
5.7	111.19	16.44	1.737	5.01
5.75	112.59	15.67	1.753	4.78
5.8	110.8	15.83	1.768	4.82
5.85	109.9	15.6	1.783	4.75
5.9	108.45	15.13	1.798	4.61
5.95	107.72	16.31	1.814	4.97
6	108.36	15.41	1.829	4.7
6.05	106.68	15.62	1.844	4.76
6.1	104.34	15.45	1.859	4.71
6.15	104.67	15.91	1.875	4.85
6.2	104.34	16.11	1.89	4.91
6.25	104.17	15.56	1.905	4.74
6.3	104.58	15.27	1.92	4.66
6.35	107.29	14.85	1.935	4.53
6.4	111.15	15.21	1.951	4.64
6.45	111.07	14.41	1.966	4.39
6.5	112.04	15.39	1.981	4.69
6.55	111.52	14.52	1.996	4.43
6.6	109.26	15.1	2.012	4.6
6.65	110.63	13.72	2.027	4.18
6.7	109.81	14.57	2.042	4.44
6.75	112.41	14.29	2.057	4.36
6.8	112.7	14.47	2.073	4.41
6.85	112.35	14.24	2.088	4.34
6.9	113.18	14.48	2.103	4.41
6.95	114.09	14.15	2.118	4.31
7	116.04	0	2.134	0
7.05	116.02	3.39	2.149	1.03
7.1	115.01	7.96	2.164	2.43
7.15	115.01	7.71	2.179	2.35
7.2	116	5.41	2.195	1.65
7.25	116.5	6	2.21	1.83
7.3	117.75	5.11	2.225	1.56
7.35	118.88	6.24	2.24	1.9
7.4	116.44	5.52	2.256	1.68
7.45	115.72	6.74	2.271	2.06
7.5	114.86	8.06	2.286	2.46
7.55	113.93	9.05	2.301	2.76
7.6	113.96	10.89	2.316	3.32
7.65	113.98	12.67	2.332	3.86
7.7	112.99	13.07	2.347	3.98
7.75	114.5	13.25	2.362	4.04
7.8	114.25	17.34	2.377	5.28
7.85	115.62	17.33	2.393	5.28
7.9	115.81	19.1	2.408	5.82
7.95	114.41	15.22	2.423	4.64
8	114.7	16.28	2.438	4.96
8.05	113.85	15.6	2.454	4.76
8.1	112.93	14.29	2.469	4.35
8.15	112.96	16.28	2.484	4.96
8.2	110.48	15.92	2.499	4.85
8.25	109.24	14.64	2.515	4.46
8.3	110.12	14.94	2.53	4.55
8.35	108.56	17.23	2.545	5.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	108.28	16.48	2.56	5.02
8.45	107.14	17.37	2.576	5.3
8.5	106.07	17.95	2.591	5.47
8.55	105.04	17.11	2.606	5.21
8.6	104.52	18.39	2.621	5.61
8.65	104.76	19.14	2.637	5.83
8.7	104.88	18.16	2.652	5.54
8.75	106.94	21.5	2.667	6.55
8.8	108.47	18.34	2.682	5.59
8.85	109.23	17.64	2.697	5.38
8.9	110.12	17.91	2.713	5.46
8.95	112.06	19.47	2.728	5.93
9	112.03	17.52	2.743	5.34
9.05	110.51	19.83	2.758	6.04
9.1	110.26	18.31	2.774	5.58
9.15	109.13	17.16	2.789	5.23
9.2	108.56	18.8	2.804	5.73
9.25	107.78	16.58	2.819	5.05
9.3	107.89	17.18	2.835	5.24
9.35	106.95	19.3	2.85	5.88
9.4	106.47	16.46	2.865	5.02
9.45	105.74	15.94	2.88	4.86
9.5	105.37	16.62	2.896	5.07
9.55	105.68	16.68	2.911	5.08
9.6	105.34	16.98	2.926	5.18
9.65	104.17	18.55	2.941	5.65
9.7	106.09	17.69	2.957	5.39
9.75	105.04	17.3	2.972	5.27
9.8	104.52	17.76	2.987	5.41
9.85	104.26	17.95	3.002	5.47
9.9	105.13	18	3.018	5.49
9.95	105.07	18.82	3.033	5.73
10	105.53	19.14	3.048	5.84
10.05	104.77	18.41	3.063	5.61
10.1	104.38	18.99	3.078	5.79
10.15	104.19	19.08	3.094	5.82
10.2	105.1	19.54	3.109	5.96
10.25	104.55	18.34	3.124	5.59
10.3	104.77	18.06	3.139	5.51
10.35	104.89	18.22	3.155	5.55
10.4	104.94	17.41	3.17	5.31
10.45	106.97	18.21	3.185	5.55
10.5	106.49	18.5	3.2	5.64
10.55	106.74	18.74	3.216	5.71
10.6	106.87	17.11	3.231	5.21
10.65	103.94	17.22	3.246	5.25
10.7	105.47	17.8	3.261	5.42
10.75	104.23	18.56	3.277	5.66
10.8	103.12	16.2	3.292	4.94
10.85	103.56	19.8	3.307	6.03
10.9	102.78	18.35	3.322	5.59
10.95	102.89	18.25	3.338	5.56
11	103.44	19.3	3.353	5.88
11.05	103.72	18.65	3.368	5.69
11.1	101.36	18.15	3.383	5.53
11.15	99.68	17.62	3.399	5.37
11.2	99.84	18.9	3.414	5.76
11.25	100.92	19.33	3.429	5.89
11.3	98.96	18.8	3.444	5.73
11.35	100.48	17.93	3.459	5.47
11.4	100.74	19.34	3.475	5.9
11.45	99.87	18.75	3.49	5.72

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	99.94	18.33	3.505	5.59
11.55	99.97	17.69	3.52	5.39
11.6	100.98	19.33	3.536	5.89
11.65	101.49	18.15	3.551	5.53
11.7	101.75	18.72	3.566	5.71
11.75	102.87	18.19	3.581	5.55
11.8	104.44	18.29	3.597	5.58
11.85	104.22	18.2	3.612	5.55
11.9	105.61	18.31	3.627	5.58
11.95	105.3	18.34	3.642	5.59
12	106.15	15.1	3.658	4.6
12.05	109.58	0.6	3.673	0.18
12.1	111.79	5.02	3.688	1.53
12.15	112.39	5.86	3.703	1.79
12.2	114.7	5.81	3.719	1.77
12.25	114.85	7.56	3.734	2.31
12.3	116.92	9.87	3.749	3.01
12.35	113.96	9.32	3.764	2.84
12.4	111.98	11.9	3.78	3.63
12.45	109.99	12.08	3.795	3.68
12.5	108.5	15.78	3.81	4.81
12.55	108.25	16.17	3.825	4.93
12.6	110.12	16.66	3.84	5.08
12.65	109.06	16.96	3.856	5.17
12.7	106.53	16.93	3.871	5.16
12.75	106.27	15.91	3.886	4.85
12.8	104.13	18.18	3.901	5.54
12.85	103.07	17.04	3.917	5.19
12.9	101.03	18.16	3.932	5.53
12.95	102.02	16	3.947	4.88
13	103.51	15.21	3.962	4.64
13.05	102.25	16.54	3.978	5.04
13.1	102.63	16.42	3.993	5
13.15	103.81	13.6	4.008	4.15
13.2	104.91	14.42	4.023	4.39
13.25	102.45	13.19	4.039	4.02
13.3	103.23	14.35	4.054	4.37
13.35	102.61	14.51	4.069	4.42
13.4	103.31	15.59	4.084	4.75
13.45	102.65	19.46	4.1	5.93
13.5	100.83	16.75	4.115	5.11
13.55	98.91	16.22	4.13	4.94
13.6	98.96	15.74	4.145	4.8
13.65	99.48	17.27	4.161	5.26
13.7	97.74	16.06	4.176	4.89
13.75	99.87	18.96	4.191	5.78
13.8	100.43	17.15	4.206	5.23
13.85	99.72	15.99	4.221	4.87
13.9	101.36	16.51	4.237	5.03
13.95	102.18	17.47	4.252	5.33
14	101.09	16.52	4.267	5.04
14.05	101.54	17.19	4.282	5.24
14.1	102.77	16.17	4.298	4.93
14.15	103.39	16.34	4.313	4.98
14.2	104.19	16.9	4.328	5.15
14.25	104.1	18.23	4.343	5.56
14.3	104.05	16.52	4.359	5.04
14.35	105.52	18.83	4.374	5.74
14.4	105.26	16.58	4.389	5.05
14.45	103.63	16.44	4.404	5.01
14.5	105.82	18.23	4.42	5.56
14.55	105.41	18.35	4.435	5.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	104.2	19.08	4.45	5.81
14.65	103.1	19.15	4.465	5.84
14.7	99.05	18.81	4.481	5.73
14.75	97.03	18.61	4.496	5.67
14.8	96.51	18.55	4.511	5.65
14.85	96.26	19.01	4.526	5.79
14.9	94.63	19.76	4.542	6.02
14.95	95.31	18.86	4.557	5.75
15	95.16	20.83	4.572	6.35
15.05	94.08	18.93	4.587	5.77
15.1	92.54	21.64	4.602	6.59
15.15	91.77	20.11	4.618	6.13
15.2	91.38	20.4	4.633	6.22
15.25	89.69	19.43	4.648	5.92
15.3	89.85	20.38	4.663	6.21
15.35	90.92	18.64	4.679	5.68
15.4	90.46	17.94	4.694	5.47
15.45	91.23	18.6	4.709	5.67
15.5	91.62	18.88	4.724	5.76
15.55	90.31	19.1	4.74	5.82
15.6	90.15	18.63	4.755	5.68
15.65	90.08	19.83	4.77	6.04
15.7	89.04	19.53	4.785	5.95
15.75	89.02	18.29	4.801	5.58
15.8	89.51	17.86	4.816	5.44
15.85	88.75	18.97	4.831	5.78
15.9	89.88	17.8	4.846	5.42
15.95	88.44	19.22	4.862	5.86
16	87.22	18.24	4.877	5.56
16.05	88.61	18.33	4.892	5.59
16.1	88.8	17.82	4.907	5.43
16.15	88.4	18.69	4.923	5.7
16.2	89.2	18.41	4.938	5.61
16.25	89.1	17.78	4.953	5.42
16.3	90.05	18.74	4.968	5.71
16.35	91.03	19.18	4.983	5.84
16.4	92.01	18.93	4.999	5.77
16.45	92.01	18.68	5.014	5.69
16.5	90.5	19.16	5.029	5.84
16.55	89.75	18.55	5.044	5.65
16.6	89.38	18.28	5.06	5.57
16.65	89.19	18.76	5.075	5.72
16.7	87.59	18.84	5.09	5.74
16.75	89.3	18.57	5.105	5.66
16.8	88.65	18.77	5.121	5.72
16.85	88.32	18.2	5.136	5.55
16.9	88.16	19.51	5.151	5.95
16.95	86.58	18	5.166	5.49
17	86.79	3.84	5.182	1.17
17.05	85.9	2.78	5.197	0.85
17.1	85.45	6.27	5.212	1.91
17.15	85.72	7.63	5.227	2.33
17.2	84.86	7.21	5.243	2.2
17.25	85.43	7.15	5.258	2.18
17.3	86.22	6.74	5.273	2.06
17.35	84.61	8.31	5.288	2.53
17.4	83.8	9.91	5.304	3.02
17.45	83.4	8.76	5.319	2.67
17.5	81.7	11.33	5.334	3.45
17.55	82.35	12.81	5.349	3.91
17.6	82.18	11.23	5.364	3.42
17.65	80.09	10.29	5.38	3.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	80.04	12.37	5.395	3.77
17.75	80.52	11.72	5.41	3.57
17.8	78.76	13.79	5.425	4.2
17.85	79.88	12.65	5.441	3.86
17.9	78.44	14.7	5.456	4.48
17.95	77.72	14.3	5.471	4.36
18	75.86	12.15	5.486	3.7
18.05	74.93	15.37	5.502	4.69
18.1	74.47	16.33	5.517	4.98
18.15	74.23	16.37	5.532	4.99
18.2	75.12	13.95	5.547	4.25
18.25	75.56	16.31	5.563	4.97
18.3	72.78	12.82	5.578	3.91
18.35	73.39	14.43	5.593	4.4
18.4	73.19	13	5.608	3.96
18.45	71.6	16.23	5.624	4.95
18.5	71.8	14.31	5.639	4.36
18.55	71.9	16.01	5.654	4.88
18.6	72.45	14.63	5.669	4.46
18.65	73.22	16.2	5.685	4.94
18.7	72.11	13.07	5.7	3.98
18.75	72.56	15.12	5.715	4.61
18.8	72.78	15.49	5.73	4.72
18.85	71.89	15.42	5.745	4.7
18.9	71.44	15.16	5.761	4.62
18.95	70.22	18.98	5.776	5.79
19	69.61	15.29	5.791	4.66
19.05	69.31	17.14	5.806	5.22
19.1	69.15	16.78	5.822	5.12
19.15	69.58	17.98	5.837	5.48
19.2	68.29	15.89	5.852	4.84
19.25	68.14	18.46	5.867	5.63
19.3	68.07	15.88	5.883	4.84
19.35	67.54	18.63	5.898	5.68
19.4	66.77	15.1	5.913	4.6
19.45	67.38	15.94	5.928	4.86
19.5	67.69	16.9	5.944	5.15
19.55	66.35	13.83	5.959	4.22
19.6	65.17	13.69	5.974	4.17
19.65	66.09	15.45	5.989	4.71
19.7	65.54	12.7	6.005	3.87
19.75	64.77	12.68	6.02	3.86
19.8	64.39	13.5	6.035	4.11
19.85	65.19	14.03	6.05	4.28
19.9	64.1	13.64	6.066	4.16
19.95	64.05	14.09	6.081	4.29
20	64.02	14.16	6.096	4.32
20.05	63.01	14.77	6.111	4.5
20.1	62.01	14.8	6.126	4.51
20.15	62.5	12.8	6.142	3.9
20.2	61.75	15.39	6.157	4.69
20.25	60.38	13.86	6.172	4.22
20.3	59.69	14.61	6.187	4.45
20.35	58.84	12.86	6.203	3.92
20.4	58.42	13.27	6.218	4.04
20.45	58.71	13.71	6.233	4.18
20.5	58.86	13.9	6.248	4.24
20.55	58.43	13.77	6.264	4.2
20.6	59.71	12.6	6.279	3.84
20.65	60.36	11.55	6.294	3.52
20.7	59.68	11.7	6.309	3.57
20.75	60.84	12.75	6.325	3.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	60.92	11.43	6.34	3.48
20.85	60.96	12.86	6.355	3.92
20.9	60.48	11.19	6.37	3.41
20.95	60.74	11.07	6.386	3.37
21	61.37	9.82	6.401	2.99
21.05	61.68	10.68	6.416	3.25
21.1	63.84	10.7	6.431	3.26
21.15	63.42	11.16	6.447	3.4
21.2	64.21	10.99	6.462	3.35
21.25	65.11	11.39	6.477	3.47
21.3	65.55	10.78	6.492	3.29
21.35	65.28	9.67	6.507	2.95
21.4	64.14	9.32	6.523	2.84
21.45	64.57	10.64	6.538	3.24
21.5	62.78	10.47	6.553	3.19
21.55	64.39	9.73	6.568	2.96
21.6	65.2	9.15	6.584	2.79
21.65	65.1	10.44	6.599	3.18
21.7	66.05	10	6.614	3.05
21.75	67.02	10.9	6.629	3.32
21.8	68.01	9.88	6.645	3.01
21.85	69.51	9.39	6.66	2.86
21.9	69.25	8.73	6.675	2.66
21.95	69.13	8.91	6.69	2.72
22	69.56	0	6.706	0
22.05	70.78	2.26	6.721	0.69
22.1	70.89	6	6.736	1.83
22.15	69.45	7.2	6.751	2.2
22.2	70.22	7.42	6.767	2.26
22.25	70.61	7.81	6.782	2.38
22.3	69.81	8.38	6.797	2.55
22.35	68.4	8.44	6.812	2.57
22.4	67.7	8.35	6.828	2.54
22.45	67.85	7.87	6.843	2.4
22.5	65.93	10.66	6.858	3.25
22.55	65.46	10.11	6.873	3.08
22.6	63.23	8.57	6.888	2.61
22.65	62.62	8.85	6.904	2.7
22.7	61.31	9.84	6.919	3
22.75	59.15	8.6	6.934	2.62
22.8	59.08	6.57	6.949	2
22.85	58.04	6.78	6.965	2.07
22.9	58.02	9.65	6.98	2.94
22.95	57.01	9.33	6.995	2.84
23	57	7.82	7.01	2.38
23.05	54.5	8.44	7.026	2.57
23.1	53.25	7.35	7.041	2.24
23.15	52.63	7.74	7.056	2.36
23.2	50.31	5.85	7.071	1.78
23.25	49.16	8.51	7.087	2.59
23.3	46.58	6.38	7.102	1.94
23.35	43.79	7.07	7.117	2.16
23.4	42.39	6.38	7.132	1.95
23.45	39.7	6.59	7.148	2.01
23.5	37.85	6.1	7.163	1.86
23.55	35.42	5.71	7.178	1.74
23.6	35.21	5.99	7.193	1.83
23.65	35.11	7.07	7.208	2.15
23.7	34.55	7.06	7.224	2.15
23.75	33.78	6.39	7.239	1.95
23.8	34.39	6.79	7.254	2.07
23.85	34.69	5.6	7.269	1.71

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23.9	36.35	6.17	7.285	1.88
23.95	40.67	6.78	7.3	2.07
24	42.84	6.32	7.315	1.93
24.05	43.42	6.26	7.33	1.91
24.1	41.71	6.71	7.346	2.04
24.15	39.85	6.06	7.361	1.85
24.2	37.93	5.82	7.376	1.77
24.25	35.46	6.04	7.391	1.84
24.3	34.23	7.08	7.407	2.16
24.35	34.62	6.63	7.422	2.02
24.4	35.31	5.76	7.437	1.76
24.45	37.15	6.83	7.452	2.08
24.5	38.08	7.34	7.468	2.24
24.55	39.04	5.7	7.483	1.74
24.6	37.52	7.53	7.498	2.29
24.65	35.76	7.47	7.513	2.28
24.7	32.88	6.56	7.529	2
24.75	30.44	5.65	7.544	1.72
24.8	28.22	5.54	7.559	1.69
24.85	25.61	6.83	7.574	2.08
24.9	25.3	7.34	7.589	2.24
24.95	25.15	6.79	7.605	2.07
25	25.58	5.86	7.62	1.79
25.05	26.79	6.95	7.635	2.12
25.1	28.39	7.37	7.65	2.25
25.15	28.2	6.53	7.666	1.99
25.2	26.6	6.15	7.681	1.87
25.25	25.3	6.36	7.696	1.94
25.3	23.15	7.37	7.711	2.24
25.35	22.07	6.3	7.727	1.92
25.4	21.54	6.03	7.742	1.84
25.45	20.77	7.09	7.757	2.16
25.5	21.38	7.52	7.772	2.29
25.55	21.19	7.15	7.788	2.18
25.6	22.6	7.27	7.803	2.22
25.65	24.3	7.43	7.818	2.26
25.7	25.15	8.16	7.833	2.49
25.75	25.07	8.43	7.849	2.57
25.8	26.54	8.21	7.864	2.5
25.85	27.27	8.1	7.879	2.47
25.9	27.63	8.34	7.894	2.54
25.95	30.82	8.09	7.91	2.47
26	36.91	9.41	7.925	2.87
26.05	39.95	8.72	7.94	2.66
26.1	46.98	10.09	7.955	3.07
26.15	55.99	10.72	7.97	3.27
26.2	66.99	9.39	7.986	2.86
26.25	59	9.21	8.001	2.81
26.3	56.5	10.03	8.016	3.06
26.35	59.75	11.24	8.031	3.42
26.4	59.87	10.25	8.047	3.12
26.45	60.44	8.66	8.062	2.64
26.5	61.72	8.88	8.077	2.71
26.55	60.86	9.58	8.092	2.92
26.6	60.93	10.48	8.108	3.19
26.65	60.46	11.11	8.123	3.39
26.7	59.73	11.01	8.138	3.36
26.75	59.87	9.62	8.153	2.93
26.8	59.43	9.14	8.169	2.78
26.85	59.72	8.95	8.184	2.73
26.9	60.36	10.19	8.199	3.1
26.95	60.68	8.77	8.214	2.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	63.34	0	8.23	0
27.05	65.17	1.85	8.245	0.56
27.1	65.58	6.12	8.26	1.87
27.15	65.29	8.37	8.275	2.55
27.2	65.15	6.31	8.291	1.92
27.25	66.07	7.13	8.306	2.17
27.3	65.04	8.92	8.321	2.72
27.35	64.52	10.17	8.336	3.1
27.4	64.76	12.01	8.351	3.66
27.45	64.38	9.54	8.367	2.91
27.5	63.69	11.46	8.382	3.49
27.55	64.34	10.36	8.397	3.16
27.6	62.67	10.4	8.412	3.17
27.65	63.84	10.42	8.428	3.18
27.7	61.92	10.68	8.443	3.26
27.75	62.46	10.58	8.458	3.22
27.8	63.23	11.38	8.473	3.47
27.85	62.61	10.87	8.489	3.31
27.9	61.31	9.53	8.504	2.91
27.95	61.15	10.53	8.519	3.21
28	61.08	8.19	8.534	2.5
28.05	60.04	8.65	8.55	2.64
28.1	60.02	9.42	8.565	2.87
28.15	59.51	11.11	8.58	3.39
28.2	59.25	9.81	8.595	2.99
28.25	58.63	10.6	8.611	3.23
28.3	58.81	8.15	8.626	2.48
28.35	58.91	8.54	8.641	2.6
28.4	59.45	7.29	8.656	2.22
28.45	58.73	7.53	8.672	2.3
28.5	57.36	8.03	8.687	2.45
28.55	55.18	9.01	8.702	2.75
28.6	53.59	8.6	8.717	2.62
28.65	52.3	9.32	8.732	2.84
28.7	51.15	7.8	8.748	2.38
28.75	50.07	7.96	8.763	2.42
28.8	49.04	9.18	8.778	2.8
28.85	48.52	9.19	8.793	2.8
28.9	47.76	8.68	8.809	2.65
28.95	47.38	9.21	8.824	2.81
29	46.69	8.69	8.839	2.65
29.05	46.84	8.4	8.854	2.56
29.1	46.42	7.81	8.87	2.38
29.15	46.21	10.44	8.885	3.18
29.2	47.11	7.61	8.9	2.32
29.25	46.55	8.57	8.915	2.61
29.3	46.28	10.32	8.931	3.15
29.35	47.14	8.63	8.946	2.63
29.4	47.07	10.02	8.961	3.06
29.45	47.53	8.42	8.976	2.57
29.5	47.77	7.33	8.992	2.23
29.55	48.38	7.71	9.007	2.35
29.6	48.69	8.87	9.022	2.7
29.65	48.35	9.68	9.037	2.95
29.7	47.17	6.98	9.053	2.13
29.75	46.09	7.66	9.068	2.33
29.8	44.54	7.96	9.083	2.43
29.85	44.27	8.67	9.098	2.64
29.9	42.64	8.06	9.113	2.46
29.95	42.32	7.82	9.129	2.38
30	42.16	8.65	9.144	2.64
30.05	40.58	8.71	9.159	2.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	40.29	8.94	9.174	2.72
30.15	40.14	8.48	9.19	2.59
30.2	41.07	9.32	9.205	2.84
30.25	44.54	8.7	9.22	2.65
30.3	47.77	10	9.235	3.05
30.35	52.38	9.25	9.251	2.82
30.4	57.19	9.55	9.266	2.91
30.45	60.6	8.69	9.281	2.65
30.5	65.8	9.13	9.296	2.78
30.55	71.4	8.88	9.312	2.71
30.6	76.7	10.23	9.327	3.12
30.65	80.35	8.56	9.342	2.61
30.7	84.17	9.23	9.357	2.81
30.75	85.59	9	9.373	2.74
30.8	87.29	9.48	9.388	2.89
30.85	87.65	10.3	9.403	3.14
30.9	87.32	9.54	9.418	2.91
30.95	86.66	8.86	9.434	2.7
31	85.83	8.57	9.449	2.61
31.05	84.42	9.15	9.464	2.79
31.1	81.71	10.74	9.479	3.27
31.15	78.85	10.68	9.494	3.26
31.2	76.93	11.15	9.51	3.4
31.25	75.46	11.31	9.525	3.45
31.3	72.73	11.58	9.54	3.53
31.35	70.87	10.12	9.555	3.08
31.4	69.93	10.32	9.571	3.15
31.45	68.47	10.61	9.586	3.23
31.5	67.23	10.94	9.601	3.33
31.55	66.62	11.53	9.616	3.52
31.6	66.31	11.12	9.632	3.39
31.65	65.15	10.21	9.647	3.11
31.7	66.08	10.82	9.662	3.3
31.75	66.04	10.53	9.677	3.21
31.8	65.02	9.78	9.693	2.98
31.85	63.51	9.96	9.708	3.04
31.9	63.25	11.04	9.723	3.37
31.95	62.63	9.81	9.738	2.99
32	61.31	7.42	9.754	2.26
32.05	61.16	5.14	9.769	1.57
32.1	61.08	6.35	9.784	1.94
32.15	61.54	8.55	9.799	2.61
32.2	61.27	6.28	9.814	1.92
32.25	61.63	7.27	9.83	2.21
32.3	60.82	8.57	9.845	2.61
32.35	60.41	8.08	9.86	2.46
32.4	61.2	9.06	9.875	2.76
32.45	61.6	9.17	9.891	2.79
32.5	61.3	9.61	9.906	2.93
32.55	59.65	10.88	9.921	3.32
32.6	59.33	10.07	9.936	3.07
32.65	57.16	8.89	9.952	2.71
32.7	55.08	8.6	9.967	2.62
32.75	54.54	9.24	9.982	2.82
32.8	51.77	9.53	9.997	2.9
32.85	49.89	8.96	10.013	2.73
32.9	47.94	9.11	10.028	2.78
32.95	45.47	9.24	10.043	2.82
33	43.74	7.11	10.058	2.17
33.05	41.87	7.21	10.074	2.2
33.1	39.93	8.11	10.089	2.47
33.15	39.97	10.05	10.104	3.06

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	39.48	8.03	10.119	2.45
33.25	38.74	8.71	10.135	2.65
33.3	37.37	6.17	10.15	1.88
33.35	35.19	7.94	10.165	2.42
33.4	33.59	6.28	10.18	1.91
33.45	32.8	6.94	10.195	2.12
33.5	30.4	6.31	10.211	1.92
33.55	27.2	6.82	10.226	2.08
33.6	26.1	7.58	10.241	2.31
33.65	25.05	7.77	10.256	2.37
33.7	23.02	7.73	10.272	2.36
33.75	23.51	7.36	10.287	2.24
33.8	22.76	9.24	10.302	2.82
33.85	23.38	8.43	10.317	2.57
33.9	22.69	8.25	10.333	2.52
33.95	23.34	8.18	10.348	2.49
34	26.67	7.54	10.363	2.3
34.05	25.34	7.39	10.378	2.25
34.1	27.17	9.76	10.394	2.97
34.15	30.08	8.08	10.409	2.46
34.2	34.54	9.92	10.424	3.03
34.25	35.27	9.06	10.439	2.76
34.3	36.14	7.99	10.455	2.44
34.35	31.07	9.74	10.47	2.97
34.4	29.03	8.39	10.485	2.56
34.45	28.02	9.17	10.5	2.8
34.5	30.01	9.83	10.516	3
34.55	32	10.01	10.531	3.05
34.6	34	7.95	10.546	2.42
34.65	33	5.63	10.561	1.72
34.7	42.5	7.27	10.576	2.21
34.75	46.75	7.13	10.592	2.17
34.8	50.88	9.6	10.607	2.93
34.85	52.94	8.8	10.622	2.68
34.9	55.47	9.1	10.637	2.77
34.95	58.23	8.68	10.653	2.65
35	65.62	8.72	10.668	2.66
35.05	72.81	9.06	10.683	2.76
35.1	83.4	9.29	10.698	2.83
35.15	88.7	9.34	10.714	2.85
35.2	91.35	9.77	10.729	2.98
35.25	95.68	9.31	10.744	2.84
35.3	101.84	8.88	10.759	2.71
35.35	104.92	8.25	10.775	2.51
35.4	103.46	10.75	10.79	3.28
35.45	104.23	8.2	10.805	2.5
35.5	105.61	9.44	10.82	2.88
35.55	104.81	9.97	10.836	3.04
35.6	101.9	9.83	10.851	3
35.65	97.95	8.5	10.866	2.59
35.7	95.98	9.18	10.881	2.8
35.75	94.99	9.23	10.897	2.81
35.8	93.99	9.1	10.912	2.77
35.85	95	7.84	10.927	2.39
35.9	93.5	7.55	10.942	2.3
35.95	91.75	7.77	10.957	2.37
36	88.87	6.83	10.973	2.08
36.05	86.94	7.71	10.988	2.35
36.1	83.47	8.62	11.003	2.63
36.15	82.73	8.36	11.018	2.55
36.2	79.87	8.34	11.034	2.54
36.25	77.93	8.07	11.049	2.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	79.47	8.29	11.064	2.53
36.35	79.73	8.31	11.079	2.53
36.4	80.37	8.56	11.095	2.61
36.45	82.68	9.74	11.11	2.97
36.5	82.84	9.83	11.125	3
36.55	83.42	9.54	11.14	2.91
36.6	83.71	8.59	11.156	2.62
36.65	83.36	8.68	11.171	2.65
36.7	85.18	9.75	11.186	2.97
36.75	86.09	9.55	11.201	2.91
36.8	86.54	8.34	11.217	2.54
36.85	85.27	9.37	11.232	2.86
36.9	84.64	9.1	11.247	2.77
36.95	85.32	8.32	11.262	2.54
37	85.66	8.89	11.278	2.71
37.05	87.33	3.68	11.293	1.12
37.1	90.16	5.48	11.308	1.67
37.15	93.58	5.76	11.323	1.76
37.2	96.29	9	11.338	2.74
37.25	97.65	5.41	11.354	1.65
37.3	99.82	7.72	11.369	2.35
37.35	101.41	5.9	11.384	1.8
37.4	100.21	7.3	11.399	2.22
37.45	99.1	7.51	11.415	2.29
37.5	98.55	6.95	11.43	2.12
37.55	98.78	7.85	11.445	2.39
37.6	98.39	7.22	11.46	2.2
37.65	96.69	7.77	11.476	2.37
37.7	95.85	7.28	11.491	2.22
37.75	93.92	7.45	11.506	2.27
37.8	91.46	9.91	11.521	3.02
37.85	89.23	8.46	11.537	2.58
37.9	86.12	7.7	11.552	2.35
37.95	84.56	7.55	11.567	2.3
38	82.78	7.78	11.582	2.37
38.05	80.39	7.57	11.598	2.31
38.1	78.69	9.39	11.613	2.86
38.15	77.35	7.27	11.628	2.22
38.2	76.67	6.89	11.643	2.1
38.25	75.34	7.37	11.659	2.25
38.3	74.17	6.49	11.674	1.98
38.35	73.08	7.41	11.689	2.26
38.4	71.54	8.29	11.704	2.53
38.45	69.27	6.03	11.719	1.84
38.5	66.14	6.23	11.735	1.9
38.55	64.57	7.57	11.75	2.31
38.6	62.28	6.32	11.765	1.93
38.65	59.64	6.69	11.78	2.04
38.7	56.82	5.02	11.796	1.53
38.75	56.41	5.79	11.811	1.77
38.8	55.21	7.82	11.826	2.38
38.85	53.1	7.65	11.841	2.33
38.9	53.05	6.65	11.857	2.03
38.95	53.53	7.75	11.872	2.36
39	54.26	7.66	11.887	2.33
39.05	54.63	7.04	11.902	2.15
39.1	54.82	7.28	11.918	2.22
39.15	54.91	10.04	11.933	3.06
39.2	56.45	8.16	11.948	2.49
39.25	57.73	7.16	11.963	2.18
39.3	57.86	8.03	11.979	2.45
39.35	59.93	6.41	11.994	1.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	59.97	7.45	12.009	2.27
39.45	60.98	7.22	12.024	2.2
39.5	62.99	9	12.04	2.74
39.55	63.5	7.6	12.055	2.32
39.6	64.75	7.98	12.07	2.43
39.65	65.37	7.6	12.085	2.32
39.7	64.19	7.56	12.1	2.3
39.75	64.59	9.28	12.116	2.83
39.8	66.3	9.08	12.131	2.77
39.85	67.65	7.91	12.146	2.41
39.9	70.82	8.62	12.161	2.63
39.95	72.41	8.57	12.177	2.61
40	75.71	9.35	12.192	2.85
40.05	79.35	8.96	12.207	2.73
40.1	83.18	10.09	12.222	3.07
40.15	86.59	9.21	12.238	2.81
40.2	87.79	9.92	12.253	3.02
40.25	94.4	8.7	12.268	2.65
40.3	93.7	9.29	12.283	2.83
40.35	85.85	9.88	12.299	3.01
40.4	84.92	11.34	12.314	3.46
40.45	83.96	11.15	12.329	3.4
40.5	81.48	11.05	12.344	3.37
40.55	81.74	9.93	12.36	3.03
40.6	80.87	10.38	12.375	3.16
40.65	80.94	11.95	12.39	3.64
40.7	84.97	11.98	12.405	3.65
40.75	85.98	13.18	12.42	4.02
40.8	84.99	12.65	12.436	3.86
40.85	84.5	13.7	12.451	4.17
40.9	85.25	12.22	12.466	3.72
40.95	88.12	13.5	12.481	4.11
41	86.56	13.33	12.497	4.06
41.05	86.78	13.22	12.512	4.03
41.1	89.39	12.5	12.527	3.81
41.15	89.7	11.78	12.542	3.59
41.2	89.35	11.8	12.558	3.6
41.25	90.17	12.24	12.573	3.73
41.3	91.59	12.81	12.588	3.9
41.35	92.29	12.01	12.603	3.66
41.4	92.65	12.98	12.619	3.96
41.45	92.82	13.17	12.634	4.01
41.5	93.91	13.78	12.649	4.2
41.55	94.46	12.94	12.664	3.95
41.6	94.73	12.34	12.68	3.76
41.65	94.86	12.29	12.695	3.75
41.7	95.43	12.65	12.71	3.86
41.75	96.22	11.03	12.725	3.36
41.8	97.11	11.98	12.741	3.65
41.85	99.05	12.91	12.756	3.94
41.9	98.53	11.32	12.771	3.45
41.95	99.26	12.2	12.786	3.72
42	100.63	7.06	12.801	2.15
42.05	102.82	0.47	12.817	0.14
42.1	103.41	7.37	12.832	2.25
42.15	104.7	6.71	12.847	2.05
42.2	106.35	11.32	12.862	3.45
42.25	106.18	8.99	12.878	2.74
42.3	109.59	9.31	12.893	2.84
42.35	109.79	11.04	12.908	3.36
42.4	111.9	9.87	12.923	3.01
42.45	111.95	11.34	12.939	3.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	113.47	16.33	12.954	4.98
42.55	112.24	15.2	12.969	4.63
42.6	111.62	12.97	12.984	3.95
42.65	110.81	14.64	13	4.46
42.7	110.4	14.02	13.015	4.27
42.75	112.2	14.03	13.03	4.28
42.8	110.6	14.27	13.045	4.35
42.85	110.8	14.66	13.061	4.47
42.9	113.4	14.69	13.076	4.48
42.95	114.7	14.39	13.091	4.39
43	112.35	14.58	13.106	4.44
43.05	113.18	14.56	13.122	4.44
43.1	112.59	13.37	13.137	4.08
43.15	113.29	14.24	13.152	4.34
43.2	111.65	11.21	13.167	3.42
43.25	110.82	12.66	13.182	3.86
43.3	109.41	10.93	13.198	3.33
43.35	110.71	14.43	13.213	4.4
43.4	108.85	15.63	13.228	4.77
43.45	107.93	14.06	13.243	4.29
43.5	105.96	12.71	13.259	3.87
43.55	105.48	13.35	13.274	4.07
43.6	104.74	11.28	13.289	3.44
43.65	103.37	10.9	13.304	3.32
43.7	102.19	10.76	13.32	3.28
43.75	101.59	11.14	13.335	3.4
43.8	100.3	11.81	13.35	3.6
43.85	100.15	12.05	13.365	3.67
43.9	100.07	11.61	13.381	3.54
43.95	99.04	15.43	13.396	4.7
44	100.02	13.27	13.411	4.04
44.05	99.51	12.84	13.426	3.91
44.1	98.75	12.68	13.442	3.86
44.15	98.88	14.22	13.457	4.33
44.2	98.44	13.17	13.472	4.01
44.25	97.22	13.72	13.487	4.18
44.3	97.61	12.67	13.503	3.86
44.35	96.3	13.01	13.518	3.96
44.4	94.15	13.29	13.533	4.05
44.45	94.58	13.07	13.548	3.98
44.5	94.29	13.43	13.563	4.09
44.55	92.14	13.12	13.579	4
44.6	90.07	12.88	13.594	3.93
44.65	90.54	11.67	13.609	3.56
44.7	89.27	11.85	13.624	3.61
44.75	89.13	14.19	13.64	4.32
44.8	89.57	12.7	13.655	3.87
44.85	88.78	12.2	13.67	3.72
44.9	87.89	11.68	13.685	3.56
44.95	85.95	11.88	13.701	3.62
45	86.97	11.22	13.716	3.42
45.05	85.99	11.82	13.731	3.6
45.1	85.99	11.34	13.746	3.46
45.15	87	11.39	13.762	3.47
45.2	87	13.15	13.777	4.01
45.25	87.5	10.54	13.792	3.21
45.3	88.25	12.42	13.807	3.79
45.35	89.12	11.64	13.823	3.55
45.4	89.06	11.98	13.838	3.65
45.45	90.03	12.41	13.853	3.78
45.5	90.52	13.66	13.868	4.16
45.55	90.76	12.07	13.884	3.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	90.88	12.87	13.899	3.92
45.65	90.94	11.57	13.914	3.53
45.7	91.47	9.87	13.929	3.01
45.75	92.23	9.48	13.944	2.89
45.8	91.62	11.63	13.96	3.55
45.85	91.31	11.07	13.975	3.37
45.9	89.65	11.09	13.99	3.38
45.95	91.83	11.04	14.005	3.37
46	90.91	12.06	14.021	3.68
46.05	90.96	13.02	14.036	3.97
46.1	91.98	12.41	14.051	3.78
46.15	91.49	11.7	14.066	3.57
46.2	91.74	10.68	14.082	3.26
46.25	92.37	10.72	14.097	3.27
46.3	90.19	11.2	14.112	3.41
46.35	91.59	11.22	14.127	3.42
46.4	91.3	11.91	14.143	3.63
46.45	90.65	11.77	14.158	3.59
46.5	90.32	13.57	14.173	4.14
46.55	89.66	12.3	14.188	3.75
46.6	90.83	11.8	14.204	3.6
46.65	90.92	10.58	14.219	3.23
46.7	91.46	12.48	14.234	3.8
46.75	92.23	12.2	14.249	3.72
46.8	92.61	11.86	14.265	3.61
46.85	91.81	11.36	14.28	3.46
46.9	91.4	12.24	14.295	3.73
46.95	91.7	12.22	14.31	3.72
47	90.35	12.52	14.325	3.82
47.05	91.68	2.39	14.341	0.73
47.1	91.84	5.4	14.356	1.65
47.15	91.42	6.09	14.371	1.86
47.2	90.21	8	14.386	2.44
47.25	88.1	6.65	14.402	2.03
47.3	87.55	7.41	14.417	2.26
47.35	87.28	6.57	14.432	2
47.4	86.14	10.06	14.447	3.07
47.45	85.07	7.13	14.463	2.17
47.5	83.53	9.16	14.478	2.79
47.55	81.77	9.79	14.493	2.98
47.6	80.88	11.12	14.508	3.39
47.65	80.44	10.98	14.524	3.35
47.7	78.72	10.17	14.539	3.1
47.75	77.86	11.17	14.554	3.41
47.8	76.93	11.26	14.569	3.43
47.85	75.47	11.37	14.585	3.46
47.9	73.73	10.74	14.6	3.27
47.95	73.87	11.1	14.615	3.38
48	72.93	10.34	14.63	3.15
48.05	72.47	9.57	14.646	2.92
48.1	72.73	9.1	14.661	2.77
48.15	72.37	9.51	14.676	2.9
48.2	72.18	9.11	14.691	2.78
48.25	71.09	8.9	14.706	2.71
48.3	69.05	7.02	14.722	2.14
48.35	68.02	7.94	14.737	2.42
48.4	66.01	8.98	14.752	2.74
48.45	65.51	7.94	14.767	2.42
48.5	63.75	8.04	14.783	2.45
48.55	62.38	6.75	14.798	2.06
48.6	60.19	5.84	14.813	1.78
48.65	59.09	6.23	14.828	1.9

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	57.05	5.25	14.844	1.6
48.75	56.52	6.48	14.859	1.98
48.8	55.26	6.16	14.874	1.88
48.85	54.63	5.67	14.889	1.73
48.9	54.82	5.27	14.905	1.61
48.95	55.91	6.23	14.92	1.9
49	55.95	6.08	14.935	1.85
49.05	55.48	5.58	14.95	1.7
49.1	56.74	5.96	14.966	1.82
49.15	57.37	5.74	14.981	1.75
49.2	58.18	5.06	14.996	1.54
49.25	58.59	6.22	15.011	1.89
49.3	57.8	6.25	15.026	1.9
49.35	58.9	6.65	15.042	2.03
49.4	59.45	6.17	15.057	1.88
49.45	59.72	5.68	15.072	1.73
49.5	59.36	6.56	15.087	2
49.55	59.68	6.65	15.103	2.03
49.6	59.84	6.44	15.118	1.96
49.65	60.42	5.58	15.133	1.7
49.7	61.21	6.84	15.148	2.09
49.75	62.11	5.98	15.164	1.82
49.8	63.05	8.29	15.179	2.53
49.85	63.53	7.28	15.194	2.22
49.9	64.76	7.13	15.209	2.17
49.95	66.88	6	15.225	1.83
50	68.94	7.3	15.24	2.22
50.05	70.47	7.6	15.255	2.32
50.1	71.74	8.26	15.27	2.52
50.15	72.87	9.53	15.286	2.91
50.2	73.93	10.79	15.301	3.29
50.25	74.47	11.14	15.316	3.4
50.3	75.23	11.1	15.331	3.38
50.35	77.62	12.82	15.347	3.91
50.4	80.31	14.1	15.362	4.3
50.45	81.15	13.73	15.377	4.18
50.5	80.58	13.82	15.392	4.21
50.55	80.29	13.9	15.407	4.24
50.6	79.14	16.09	15.423	4.91
50.65	78.07	16.55	15.438	5.05
50.7	77.04	15.28	15.453	4.66
50.75	75.52	13.51	15.468	4.12
50.8	75.26	13.3	15.484	4.05
50.85	74.63	15.81	15.499	4.82
50.9	73.81	16.36	15.514	4.99
50.95	73.41	15.23	15.529	4.64
51	72.2	16.09	15.545	4.9
51.05	70.6	14	15.56	4.27
51.1	68.8	10.84	15.575	3.31
51.15	67.9	10.45	15.59	3.18
51.2	66.95	10.38	15.606	3.16
51.25	66.48	11.63	15.621	3.55
51.3	64.24	11.36	15.636	3.46
51.35	63.12	11	15.651	3.35
51.4	63.06	12	15.667	3.66
51.45	63.53	13.44	15.682	4.1
51.5	63.76	12.3	15.697	3.75
51.55	64.38	11.25	15.712	3.43
51.6	65.69	11.18	15.728	3.41
51.65	66.35	11.07	15.743	3.38
51.7	65.17	11.28	15.758	3.44
51.75	65.09	11.64	15.773	3.55

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	64.54	11.99	15.788	3.66
51.85	65.27	13.83	15.804	4.22
51.9	65.14	12.03	15.819	3.67
51.95	65.57	13.2	15.834	4.02
52	65.78	11.52	15.849	3.51
52.05	66.89	1.2	15.865	0.37
52.1	68.95	4.99	15.88	1.52
52.15	69.47	5.81	15.895	1.77
52.2	71.24	7.35	15.91	2.24
52.25	73.12	6.75	15.926	2.06
52.3	74.06	8.72	15.941	2.66
52.35	76.53	7.68	15.956	2.34
52.4	77.76	7.22	15.971	2.2
52.45	78.38	6.03	15.987	1.84
52.5	77.19	8.03	16.002	2.45
52.55	75.1	5.85	16.017	1.78
52.6	73.55	6.14	16.032	1.87
52.65	66.77	4.82	16.048	1.47
52.7	63.39	7.41	16.063	2.26
52.75	60.19	6.84	16.078	2.09
52.8	54.6	5.45	16.093	1.66
52.85	51.8	5.7	16.109	1.74
52.9	50.4	6.85	16.124	2.09
52.95	50.2	6.27	16.139	1.91
53	50.1	6.43	16.154	1.96
53.05	51.05	7.34	16.169	2.24
53.1	50.52	6.44	16.185	1.96
53.15	49.26	6.57	16.2	2
53.2	49.63	6.36	16.215	1.94
53.25	50.32	6.4	16.23	1.95
53.3	49.66	4.56	16.246	1.39
53.35	49.83	6.05	16.261	1.85
53.4	48.91	5.81	16.276	1.77
53.45	46.96	6.01	16.291	1.83
53.5	43.98	6.81	16.307	2.08
53.55	41.99	6.48	16.322	1.98
53.6	38.49	4.38	16.337	1.34
53.65	36.25	5.97	16.352	1.82
53.7	34.12	4.58	16.368	1.4
53.75	32.06	7.09	16.383	2.16
53.8	30.03	4.82	16.398	1.47
53.85	28.02	4.4	16.413	1.34
53.9	26.51	3.91	16.429	1.19
53.95	24.75	4.88	16.444	1.49
54	23.38	4.59	16.459	1.4
54.05	23.19	5.49	16.474	1.67
54.1	22.59	6.01	16.49	1.83
54.15	21.8	5.56	16.505	1.69
54.2	21.9	5.44	16.52	1.66
54.25	21.95	5.48	16.535	1.67
54.3	21.97	6.02	16.55	1.83
54.35	22.49	6.77	16.566	2.06
54.4	22.24	6.14	16.581	1.87
54.45	22.62	6.28	16.596	1.91
54.5	22.81	5.35	16.611	1.63
54.55	23.41	6.19	16.627	1.89
54.6	22.7	4.41	16.642	1.34
54.65	22.35	5.24	16.657	1.6
54.7	21.68	5.36	16.672	1.63
54.75	21.84	6.58	16.688	2
54.8	21.42	5.68	16.703	1.73
54.85	21.21	5.93	16.718	1.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	21.6	5.48	16.733	1.67
54.95	22.3	4.53	16.749	1.38
55	22.15	5.79	16.764	1.77
55.05	22.58	4.6	16.779	1.4
55.1	22.29	4.82	16.794	1.47
55.15	24.14	3.92	16.81	1.2
55.2	24.57	4.75	16.825	1.45
55.25	23.79	5.08	16.84	1.55
55.3	23.39	5.68	16.855	1.73
55.35	23.7	5.42	16.871	1.65
55.4	25.85	5.19	16.886	1.58
55.45	27.42	5.42	16.901	1.65
55.5	27.21	5.69	16.916	1.73
55.55	27.11	5.65	16.931	1.72
55.6	28.55	6.11	16.947	1.86
55.65	29.28	5.61	16.962	1.71
55.7	28.64	5.92	16.977	1.8
55.75	31.82	5.32	16.992	1.62
55.8	32.41	4.74	17.008	1.44
55.85	32.7	5.64	17.023	1.72
55.9	32.85	7.05	17.038	2.15
55.95	34.93	5.26	17.053	1.6
56	34.96	5.17	17.069	1.57
56.05	34.48	5.32	17.084	1.62
56.1	35.24	6.79	17.099	2.07
56.15	35.62	6.13	17.114	1.87
56.2	34.31	4.54	17.13	1.38
56.25	33.16	5.18	17.145	1.58
56.3	31.58	5.8	17.16	1.77
56.35	32.79	5.44	17.175	1.66
56.4	31.39	4.77	17.191	1.45
56.45	30.7	6.18	17.206	1.88
56.5	27.85	6.16	17.221	1.88
56.55	28.42	5.84	17.236	1.78
56.6	26.21	5.48	17.252	1.67
56.65	25.11	6.07	17.267	1.85
56.7	25.55	5.78	17.282	1.76
56.75	25.28	6.2	17.297	1.89
56.8	25.14	6.18	17.312	1.88
56.85	26.07	6.15	17.328	1.87
56.9	26.03	6.91	17.343	2.11
56.95	25.02	6.22	17.358	1.89
57	26.01	3.81	17.373	1.16
57.05	27	5.6	17.389	1.71
57.1	28	4.95	17.404	1.51
57.15	27	4.7	17.419	1.43
57.2	28	6.84	17.434	2.08
57.25	28	5.11	17.45	1.56
57.3	27	6.01	17.465	1.83
57.35	27	5.11	17.48	1.56
57.4	26	5.04	17.495	1.54
57.45	25	6.01	17.511	1.83
57.5	24.5	7.19	17.526	2.19
57.55	23.25	7.09	17.541	2.16
57.6	22.63	6.8	17.556	2.07
57.65	22.31	5.07	17.572	1.54
57.7	21.16	5.27	17.587	1.61
57.75	21.58	3.53	17.602	1.08
57.8	22.29	3.95	17.617	1.2
57.85	21.14	4.85	17.632	1.48
57.9	21.07	6.11	17.648	1.86
57.95	22.54	5.1	17.663	1.55

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	21.27	5.33	17.678	1.63
58.05	21.13	5.9	17.693	1.8
58.1	22.07	6.62	17.709	2.02
58.15	22.03	5.86	17.724	1.79
58.2	23.02	7.82	17.739	2.38
58.25	23.01	6.71	17.754	2.05
58.3	22.5	7.7	17.77	2.35
58.35	23.25	6.68	17.785	2.04
58.4	23.13	6	17.8	1.83
58.45	23.06	6.84	17.815	2.08
58.5	22.03	10.97	17.831	3.34
58.55	21.52	6.47	17.846	1.97
58.6	22.76	7.63	17.861	2.32
58.65	23.38	5.84	17.876	1.78
58.7	24.19	5.02	17.892	1.53
58.75	23.09	6.47	17.907	1.97
58.8	22.55	6.76	17.922	2.06
58.85	22.77	6.5	17.937	1.98
58.9	22.89	5.07	17.953	1.54
58.95	21.94	5.85	17.968	1.78
59	23.47	5.06	17.983	1.54
59.05	21.74	5.29	17.998	1.61
59.1	21.37	4.18	18.013	1.27
59.15	20.68	4.99	18.029	1.52
59.2	21.34	5.26	18.044	1.6
59.25	20.67	5.35	18.059	1.63
59.3	20.34	5.49	18.074	1.67
59.35	21.67	4.98	18.09	1.52
59.4	19.83	5.2	18.105	1.59
59.45	19.42	7.42	18.12	2.26
59.5	18.71	4.75	18.135	1.45
59.55	19.35	6.09	18.151	1.86
59.6	18.18	5.87	18.166	1.79
59.65	17.59	5.69	18.181	1.74
59.7	18.29	5.06	18.196	1.54
59.75	18.15	4.99	18.212	1.52
59.8	17.57	6.64	18.227	2.03
59.85	18.79	6.18	18.242	1.88
59.9	18.39	5.96	18.257	1.82
59.95	19.2	4.92	18.273	1.5
60	21.6	4.26	18.288	1.3
60.05	22.3	5.47	18.303	1.67
60.1	22.65	6.02	18.318	1.83
60.15	23.82	5.29	18.334	1.61
60.2	23.91	4.88	18.349	1.49
60.25	23.96	4.7	18.364	1.43
60.3	21.98	5.26	18.379	1.6
60.35	21.99	5.05	18.394	1.54
60.4	22.49	4.36	18.41	1.33
60.45	21.25	5.06	18.425	1.54
60.5	21.12	5.44	18.44	1.66
60.55	20.06	4.69	18.455	1.43
60.6	19.53	5.37	18.471	1.64
60.65	18.77	5.21	18.486	1.59
60.7	18.88	4.76	18.501	1.45
60.75	18.94	4.5	18.516	1.37
60.8	19.47	4.48	18.532	1.36
60.85	19.74	5.01	18.547	1.53
60.9	20.87	4.78	18.562	1.46
60.95	22.43	4.48	18.577	1.37
61	21.72	4.25	18.593	1.3
61.05	21.86	4.76	18.608	1.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	22.43	4.76	18.623	1.45
61.15	21.71	4.43	18.638	1.35
61.2	22.86	4.12	18.654	1.26
61.25	22.93	3.47	18.669	1.06
61.3	20.96	4.32	18.684	1.32
61.35	20.48	4.43	18.699	1.35
61.4	22.24	4.26	18.715	1.3
61.45	22.12	4.77	18.73	1.45
61.5	22.56	5.47	18.745	1.67
61.55	23.28	4.74	18.76	1.44
61.6	23.64	4.97	18.775	1.51
61.65	22.82	4.82	18.791	1.47
61.7	21.41	4.25	18.806	1.3
61.75	20.21	5.22	18.821	1.59
61.8	20.1	5.18	18.836	1.58
61.85	19.05	6.4	18.852	1.95
61.9	18.53	4.4	18.867	1.34
61.95	18.76	4.99	18.882	1.52
62	21.88	4.46	18.897	1.36
62.05	24.44	3.21	18.913	0.98
62.1	25.22	4.66	18.928	1.42
62.15	26.11	4.01	18.943	1.22
62.2	28.06	3.13	18.958	0.95
62.25	30.53	4.82	18.974	1.47
62.3	31.76	4.91	18.989	1.5
62.35	32.38	7.34	19.004	2.24
62.4	34.19	4.28	19.019	1.3
62.45	34.1	5.8	19.035	1.77
62.5	32.05	5.58	19.05	1.7
62.55	30.02	3.79	19.065	1.16
62.6	28.51	5.93	19.08	1.81
62.65	24.76	3.05	19.096	0.93
62.7	22.88	4.13	19.111	1.26
62.75	20.94	4.53	19.126	1.38
62.8	18.97	4.07	19.141	1.24
62.85	17.98	4.14	19.156	1.26
62.9	16.99	4.85	19.172	1.48
62.95	16	4.26	19.187	1.3
63	16.5	5.1	19.202	1.55
63.05	16.75	4.58	19.217	1.4
63.1	16.37	5.55	19.233	1.69
63.15	16.19	4.37	19.248	1.33
63.2	16.59	5.88	19.263	1.79
63.25	18.3	5.83	19.278	1.78
63.3	19.65	8.57	19.294	2.61
63.35	20.82	5.88	19.309	1.79
63.4	20.41	4.26	19.324	1.3
63.45	20.21	4.56	19.339	1.39
63.5	21.6	5.5	19.355	1.68
63.55	22.3	4.34	19.37	1.32
63.6	23.15	3.56	19.385	1.09
63.65	23.08	4.74	19.4	1.45
63.7	22.54	3.1	19.416	0.95
63.75	21.77	3.49	19.431	1.06
63.8	21.88	4.1	19.446	1.25
63.85	20.94	4.14	19.461	1.26
63.9	20.47	2.99	19.477	0.91
63.95	20.24	3.5	19.492	1.07
64	18.62	2.63	19.507	0.8
64.05	17.81	4.34	19.522	1.32
64.1	16.9	2.87	19.537	0.88
64.15	15.45	4.11	19.553	1.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	16.23	3.48	19.568	1.06
64.25	17.61	3.78	19.583	1.15
64.3	17.81	3.42	19.598	1.04
64.35	21.9	5.47	19.614	1.67
64.4	26.45	4.74	19.629	1.44
64.45	29.23	5.31	19.644	1.62
64.5	30.11	4.35	19.659	1.32
64.55	33.06	3.94	19.675	1.2
64.6	32.53	3.66	19.69	1.11
64.65	33.26	4.13	19.705	1.26
64.7	33.13	6.07	19.72	1.85
64.75	33.07	6.91	19.736	2.11
64.8	31.53	3.96	19.751	1.21
64.85	29.77	3.84	19.766	1.17
64.9	28.88	4.06	19.781	1.24
64.95	27.44	3.16	19.797	0.96
65	27.22	4.55	19.812	1.39
65.05	29.11	4.43	19.827	1.35
65.1	32.56	4.36	19.842	1.33
65.15	36.78	4.5	19.858	1.37
65.2	42.39	4.7	19.873	1.43
65.25	45.69	4.5	19.888	1.37
65.3	43.85	5.81	19.903	1.77
65.35	39.92	3.64	19.918	1.11
65.4	36.96	5.78	19.934	1.76
65.45	35.48	4.94	19.949	1.5
65.5	32.74	5.47	19.964	1.67
65.55	30.87	4.51	19.979	1.38
65.6	29.44	3.89	19.995	1.19
65.65	27.72	4.67	20.01	1.42
65.7	26.86	4.23	20.025	1.29
65.75	25.93	3.89	20.04	1.19
65.8	24.46	6.31	20.056	1.92
65.85	23.73	3.83	20.071	1.17
65.9	22.87	4.78	20.086	1.46
65.95	23.93	4.33	20.101	1.32
66	23.47	3.85	20.117	1.17
66.05	24.23	4.02	20.132	1.22
66.1	25.62	4.5	20.147	1.37
66.15	26.81	4.71	20.162	1.43
66.2	25.9	4.11	20.178	1.25
66.25	25.45	4.55	20.193	1.39
66.3	24.23	4.58	20.208	1.4
66.35	22.61	4.14	20.223	1.26
66.4	22.81	3.07	20.239	0.93
66.45	23.9	3.8	20.254	1.16
66.5	26.45	4.35	20.269	1.33
66.55	27.73	3.97	20.284	1.21
66.6	34.86	3.6	20.3	1.1
66.65	36.93	4.46	20.315	1.36
66.7	36.97	4.13	20.33	1.26
66.75	36.98	4.81	20.345	1.47
66.8	36.49	3.6	20.36	1.1
66.85	35.75	4.06	20.376	1.24
66.9	32.87	4.7	20.391	1.43
66.95	30.94	3.95	20.406	1.2
67	30.97	2.95	20.421	0.9
67.05	30.48	3.42	20.437	1.04
67.1	30.74	5.76	20.452	1.76
67.15	33.87	5.36	20.467	1.63
67.2	36.94	4.32	20.482	1.32
67.25	38.47	6.32	20.498	1.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	40.73	3.87	20.513	1.18
67.35	41.37	4.95	20.528	1.51
67.4	40.68	5.08	20.543	1.55
67.45	39.34	4.37	20.559	1.33
67.5	38.67	7.53	20.574	2.3
67.55	39.84	6.38	20.589	1.94
67.6	40.42	7.19	20.604	2.19
67.65	42.21	5.77	20.62	1.76
67.7	44.6	6.85	20.635	2.09
67.75	47.3	7.32	20.65	2.23
67.8	52.65	6.59	20.665	2.01
67.85	60.33	6.1	20.681	1.86
67.9	67.66	6.53	20.696	1.99
67.95	77.33	7.5	20.711	2.29
68	93.67	5.48	20.726	1.67
68.05	101.83	6.75	20.742	2.06
68.1	112.42	7.47	20.757	2.28
68.15	121.71	7.47	20.772	2.28
68.2	126.35	8.62	20.787	2.63
68.25	128.68	8.08	20.802	2.46
68.3	129.34	10.7	20.818	3.26
68.35	127.17	9.67	20.833	2.95
68.4	124.58	12.62	20.848	3.85
68.45	118.29	11.69	20.863	3.56
68.5	115.15	9.33	20.879	2.84
68.55	112.07	6.49	20.894	1.98
68.6	107.54	7.93	20.909	2.42
68.65	107.77	6.88	20.924	2.1
68.7	108.38	8.27	20.94	2.52
68.75	108.69	8.1	20.955	2.47
68.8	106.35	7.1	20.97	2.17
68.85	106.67	8.12	20.985	2.47
68.9	107.84	6.81	21.001	2.07
68.95	106.42	6.42	21.016	1.96
69	107.21	7.5	21.031	2.29
69.05	108.6	6.52	21.046	1.99
69.1	109.3	5.66	21.062	1.72
69.15	109.65	6.04	21.077	1.84
69.2	111.83	4.76	21.092	1.45
69.25	111.91	5.15	21.107	1.57
69.3	112.46	5.06	21.123	1.54
69.35	110.73	4.91	21.138	1.5
69.4	107.36	4.98	21.153	1.52
69.45	105.18	4.67	21.168	1.42
69.5	101.59	4.99	21.183	1.52
69.55	100.3	6.3	21.199	1.92
69.6	97.65	7.87	21.214	2.4
69.65	96.32	7.79	21.229	2.37
69.7	96.16	7.69	21.244	2.35
69.75	95.08	8.7	21.26	2.65
69.8	93.04	8.08	21.275	2.46
69.85	93.52	8.68	21.29	2.64
69.9	96.76	8.06	21.305	2.46
69.95	98.38	11.01	21.321	3.36
70	99.19	11.76	21.336	3.58
70.05	99.6	11.55	21.351	3.52
70.1	100.3	10.94	21.366	3.33
70.15	100.65	8.89	21.382	2.71
70.2	101.32	9.43	21.397	2.87
70.25	101.16	7.05	21.412	2.15
70.3	99.08	10.45	21.427	3.18
70.35	98.54	11.93	21.443	3.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	95.77	10.7	21.458	3.26
70.45	94.89	9.38	21.473	2.86
70.5	94.94	9.47	21.488	2.89
70.55	94.47	8.22	21.504	2.51
70.6	94.24	9.01	21.519	2.75
70.65	93.62	9.43	21.534	2.87
70.7	94.31	10.22	21.549	3.11
70.75	94.65	8	21.565	2.44
70.8	92.83	7.41	21.58	2.26
70.85	91.91	6.37	21.595	1.94
70.9	90.96	6.88	21.61	2.1
70.95	90.48	7.52	21.625	2.29
71	89.74	7.61	21.641	2.32
71.05	87.87	7.5	21.656	2.29
71.1	88.93	5.81	21.671	1.77
71.15	89.47	6.81	21.686	2.08
71.2	90.23	7.39	21.702	2.25
71.25	90.62	6.5	21.717	1.98
71.3	90.31	7.4	21.732	2.25
71.35	91.15	6.73	21.747	2.05
71.4	93.08	6.5	21.763	1.98
71.45	95.04	7.17	21.778	2.19
71.5	97.52	4.74	21.793	1.44
71.55	100.76	5.12	21.808	1.56
71.6	104.88	5.6	21.824	1.71
71.65	105.44	5.03	21.839	1.53
71.7	103.22	3.55	21.854	1.08
71.75	100.11	4.43	21.869	1.35
71.8	93.05	4.48	21.885	1.36
71.85	87.03	4.93	21.9	1.5
71.9	80.01	4.94	21.915	1.51
71.95	72.51	3.89	21.93	1.18
72	67.25	3.45	21.946	1.05
72.05	64.13	5.62	21.961	1.71
72.1	61.56	3.99	21.976	1.22
72.15	58.78	4.43	21.991	1.35
72.2	56.89	5.33	22.007	1.62
72.25	55.45	3.86	22.022	1.18
72.3	53.22	4.59	22.037	1.4
72.35	52.11	1.26	22.052	0.38
72.4	54.06	4.42	22.067	1.35
72.45	55.03	3.41	22.083	1.04
72.5	55.01	4.61	22.098	1.41
72.55	56.01	4.53	22.113	1.38
72.6	55.5	6.03	22.128	1.84
72.65	56.25	4.39	22.144	1.34
72.7	56.63	4.95	22.159	1.51
72.75	55.81	6.97	22.174	2.13
72.8	58.91	3.88	22.189	1.18
72.85	56.95	4.37	22.205	1.33
72.9	58.98	6.06	22.22	1.85
72.95	57.99	5.51	22.235	1.68
73	61.49	3.99	22.25	1.22
73.05	61.25	3.41	22.266	1.04
73.1	63.12	4.83	22.281	1.47
73.15	64.06	4.46	22.296	1.36
73.2	64.03	4.71	22.311	1.44
73.25	64.02	5.6	22.327	1.71
73.3	64.51	4.23	22.342	1.29
73.35	65.75	5.11	22.357	1.56
73.4	65.38	5.08	22.372	1.55
73.45	65.19	4.92	22.388	1.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	63.09	4.25	22.403	1.3
73.55	58.05	4.43	22.418	1.35
73.6	53.52	5.99	22.433	1.82
73.65	49.26	4.95	22.448	1.51
73.7	45.13	4.03	22.464	1.23
73.75	41.07	5.18	22.479	1.58
73.8	40.03	5.74	22.494	1.75
73.85	39.52	4.03	22.509	1.23
73.9	38.76	4.56	22.525	1.39
73.95	40.88	4.42	22.54	1.35
74	44.94	5.39	22.555	1.64
74.05	46.97	4.21	22.57	1.28
74.1	48.98	5.76	22.586	1.76
74.15	52.99	4.08	22.601	1.24
74.2	60	3.33	22.616	1.01
74.25	64.5	4.74	22.631	1.44
74.3	64.75	3.37	22.647	1.03
74.35	68.87	4.41	22.662	1.34
74.4	67.44	4.27	22.677	1.3
74.45	64.22	3.63	22.692	1.11
74.5	61.61	3.85	22.708	1.17
74.55	57.3	4.18	22.723	1.27
74.6	53.15	3.12	22.738	0.95
74.65	47.08	4.6	22.753	1.4
74.7	42.54	3.63	22.769	1.11
74.75	37.77	3.62	22.784	1.1
74.8	34.88	4.47	22.799	1.36
74.85	31.94	3.87	22.814	1.18
74.9	28.47	3.65	22.83	1.11
74.95	27.24	3.88	22.845	1.18
75	23.62	3.73	22.86	1.14
75.05	21.31	3.78	22.875	1.15
75.1	20.15	2.74	22.89	0.84
75.15	17.58	2.83	22.906	0.86
75.2	16.29	2.45	22.921	0.75
75.25	15.14	3.18	22.936	0.97
75.3	14.07	4.22	22.951	1.29
75.35	13.04	2.45	22.967	0.75
75.4	12.52	2.84	22.982	0.87
75.45	12.76	2.49	22.997	0.76
75.5	12.38	2.58	23.012	0.78
75.55	13.19	2.19	23.028	0.67
75.6	13.09	2.88	23.043	0.88
75.65	13.05	2.49	23.058	0.76
75.7	13.52	2.51	23.073	0.76
75.75	13.76	3.02	23.089	0.92
75.8	13.88	2.62	23.104	0.8
75.85	15.44	2.87	23.119	0.87
75.9	16.72	2.98	23.134	0.91
75.95	15.86	1.94	23.15	0.59
76	16.43	3.22	23.165	0.98
76.05	15.22	3.19	23.18	0.97
76.1	14.11	1.94	23.195	0.59
76.15	15.05	1.69	23.211	0.51
76.2	14.03	2.14	23.226	0.65
76.25	15.01	2.41	23.241	0.74
76.3	16.01	2.37	23.256	0.72
76.35	18.5	1.9	23.271	0.58
76.4	19.25	1.89	23.287	0.57
76.45	19.63	1.92	23.302	0.58
76.5	19.31	1.6	23.317	0.49
76.55	19.16	2.1	23.332	0.64

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76.6	17.08	1.91	23.348	0.58
76.65	16.54	1.66	23.363	0.51
76.7	16.27	1.79	23.378	0.54
76.75	15.63	1.29	23.393	0.39
76.8	17.82	1.95	23.409	0.59
76.85	16.41	1.44	23.424	0.44
76.9	18.7	1.63	23.439	0.5
76.95	18.35	1.97	23.454	0.6
77	18.18	2.31	23.47	0.7
77.05	17.09	4.77	23.485	1.45
77.1	15.54	2.51	23.5	0.76
77.15	13.27	1.93	23.515	0.59
77.2	12.14	2.38	23.531	0.73
77.25	11.57	3.76	23.546	1.15
77.3	11.28	5.27	23.561	1.61
77.35	11.64	2.14	23.576	0.65
77.4	13.32	1.13	23.592	0.34
77.45	16.16	3.65	23.607	1.11
77.5	15.58	2.48	23.622	0.76
77.55	14.79	3.52	23.637	1.07
77.6	14.4	2.62	23.653	0.8
77.65	12.7	3.56	23.668	1.08
77.7	11.85	3.74	23.683	1.14
77.75	11.92	4.21	23.698	1.28
77.8	10.96	3.32	23.713	1.01
77.85	11.48	3.32	23.729	1.01
77.9	10.74	4.13	23.744	1.26
77.95	10.37	3.11	23.759	0.95
78	11.19	2.96	23.774	0.9
78.05	11.59	7.15	23.79	2.18
78.1	11.8	5.17	23.805	1.58
78.15	11.4	2.59	23.82	0.79
78.2	11.7	4.02	23.835	1.23
78.25	12.35	7.48	23.851	2.28
78.3	12.17	3	23.866	0.91
78.35	12.59	3.3	23.881	1
78.4	11.79	3.92	23.896	1.19
78.45	11.9	4.07	23.912	1.24
78.5	11.45	3.78	23.927	1.15
78.55	11.22	3.61	23.942	1.1
78.6	10.61	3.76	23.957	1.14
78.65	10.31	3.12	23.973	0.95
78.7	9.65	4.35	23.988	1.33
78.75	9.83	3.28	24.003	1
78.8	11.41	4.12	24.018	1.25
78.85	12.21	3.18	24.034	0.97
78.9	12.6	5.54	24.049	1.69
78.95	11.3	5.04	24.064	1.54
79	11.15	4.28	24.079	1.31
79.05	11.08	4.26	24.095	1.3
79.1	10.54	7.23	24.11	2.2
79.15	12.77	4.5	24.125	1.37
79.2	14.38	6.26	24.14	1.91
79.25	15.69	4.49	24.155	1.37
79.3	17.85	5.81	24.171	1.77
79.35	19.42	4.64	24.186	1.41
79.4	23.21	7.73	24.201	2.35
79.45	25.61	5.55	24.216	1.69
79.5	30.3	6.59	24.232	2.01
79.55	37.65	6.42	24.247	1.96
79.6	48.33	5.18	24.262	1.58
79.65	47.16	6.33	24.277	1.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	47.08	5.04	24.293	1.54
79.75	49.54	6.25	24.308	1.91
79.8	50.77	5.57	24.323	1.7
79.85	51.89	6.13	24.338	1.87
79.9	55.44	4.64	24.354	1.41
79.95	59.22	5.29	24.369	1.61
80	61.11	5.13	24.384	1.56
80.05	62.06	5.33	24.399	1.62
80.1	62.03	6.18	24.415	1.88
80.15	63.51	4.38	24.43	1.34
80.2	63.26	4.56	24.445	1.39
80.25	62.13	4.44	24.46	1.35
80.3	61.56	2.71	24.476	0.82
80.35	59.78	3.69	24.491	1.12
80.4	58.39	1.8	24.506	0.55
80.45	55.2	2.15	24.521	0.65
80.5	54.1	1.7	24.536	0.52
80.55	51.05	2.32	24.552	0.71
80.6	47.02	1.42	24.567	0.43
80.65	40.01	1.33	24.582	0.4
80.7	32.01	1.62	24.597	0.49
80.75	27.5	0.85	24.613	0.26
80.8	24.25	1.64	24.628	0.5
80.85	20.63	0.99	24.643	0.3
80.9	20.81	0.64	24.658	0.2
80.95	17.41	1.04	24.674	0.32
81	13.7	0.74	24.689	0.23
81.05	11.85	1.19	24.704	0.36
81.1	9.43	1.13	24.719	0.34
81.15	8.21	0.72	24.735	0.22
81.2	7.61	0.9	24.75	0.27
81.25	7.3	0.96	24.765	0.29
81.3	6.65	0.61	24.78	0.19
81.35	6.83	1.15	24.796	0.35
81.4	7.41	0.93	24.811	0.28
81.45	7.71	1.46	24.826	0.45
81.5	7.85	0.45	24.841	0.14
81.55	8.43	1.11	24.857	0.34
81.6	8.21	0.83	24.872	0.25
81.65	8.61	0.94	24.887	0.29
81.7	8.8	1.12	24.902	0.34
81.75	7.9	1.29	24.918	0.39
81.8	7.95	0.66	24.933	0.2
81.85	7.48	1.26	24.948	0.38
81.9	8.74	0.62	24.963	0.19
81.95	10.37	1.08	24.978	0.33
82	11.18	1.4	24.994	0.43
82.05	11.09	3.13	25.009	0.95
82.1	11.05	1.62	25.024	0.49
82.15	10.02	1.9	25.039	0.58
82.2	9.51	1.21	25.055	0.37
82.25	8.76	2.36	25.07	0.72
82.3	8.88	0.88	25.085	0.27
82.35	8.94	1.16	25.1	0.35
82.4	8.47	0.72	25.116	0.22
82.45	7.73	1.07	25.131	0.33
82.5	7.87	0.35	25.146	0.11
82.55	7.93	0.46	25.161	0.14
82.6	8.47	0.42	25.177	0.13
82.65	9.23	2.34	25.192	0.71
82.7	10.12	0.55	25.207	0.17
82.75	9.06	0.91	25.222	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	8.03	0.7	25.238	0.21
82.85	8.51	2.83	25.253	0.86
82.9	8.76	0.43	25.268	0.13
82.95	8.38	0.81	25.283	0.25
83	8.69	0.89	25.299	0.27
83.05	8.84	1.09	25.314	0.33
83.1	7.92	1.4	25.329	0.43
83.15	6.46	3.01	25.344	0.92
83.2	5.73	1.79	25.36	0.55
83.25	5.87	1.82	25.375	0.56
83.3	5.93	1.15	25.39	0.35
83.35	6.47	2.65	25.405	0.81
83.4	6.73	0.9	25.42	0.27
83.45	7.87	2.59	25.436	0.79
83.5	7.93	1.24	25.451	0.38
83.55	7.47	2.02	25.466	0.61
83.6	7.73	0.86	25.481	0.26
83.65	8.37	0.5	25.497	0.15
83.7	9.18	0.87	25.512	0.27
83.75	8.59	0.43	25.527	0.13
83.8	8.8	0.76	25.542	0.23
83.85	9.4	0.55	25.558	0.17
83.9	9.2	0.94	25.573	0.29
83.95	8.6	0.96	25.588	0.29
84	9.3	1.17	25.603	0.36
84.05	9.15	0.98	25.619	0.3
84.1	8.57	2.41	25.634	0.73
84.15	9.29	0.51	25.649	0.16
84.2	10.14	1.67	25.664	0.51
84.25	12.07	0.53	25.68	0.16
84.3	13.04	2.16	25.695	0.66
84.35	12.52	0.99	25.71	0.3
84.4	12.76	1.15	25.725	0.35
84.45	11.88	1.95	25.741	0.59
84.5	11.44	1.16	25.756	0.35
84.55	10.22	0.61	25.771	0.18
84.6	9.61	0.86	25.786	0.26
84.65	9.3	0.93	25.801	0.28
84.7	10.15	0.57	25.817	0.17
84.75	10.08	1.29	25.832	0.39
84.8	10.54	1.1	25.847	0.33
84.85	11.77	0.61	25.862	0.19
84.9	11.38	1.02	25.878	0.31
84.95	10.19	0.41	25.893	0.12
85	11.1	0.39	25.908	0.12
85.05	11.05	0.47	25.923	0.14
85.1	9.52	0.43	25.939	0.13
85.15	9.26	0.41	25.954	0.13
85.2	8.63	0.78	25.969	0.24
85.25	9.32	0.7	25.984	0.21
85.3	12.16	0.63	26	0.19
85.35	16.08	1.07	26.015	0.33
85.4	14.54	0.64	26.03	0.19
85.45	13.27	0.65	26.045	0.2
85.5	12.63	0.6	26.061	0.18
85.55	11.32	2.06	26.076	0.63
85.6	12.16	0.97	26.091	0.29
85.65	12.08	0.95	26.106	0.29
85.7	11.54	1.4	26.122	0.43
85.75	11.27	0.94	26.137	0.29
85.8	9.13	1.18	26.152	0.36
85.85	9.07	1.55	26.167	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	9.53	1.23	26.183	0.38
85.95	8.27	1.17	26.198	0.36
86	8.13	1.13	26.213	0.34
86.05	8.07	1.4	26.228	0.43
86.1	8.03	1.16	26.243	0.35
86.15	7.02	1.22	26.259	0.37
86.2	6.51	0.88	26.274	0.27
86.25	6.75	1.04	26.289	0.32
86.3	7.38	1.67	26.304	0.51
86.35	7.19	1.37	26.32	0.42
86.4	8.59	1.56	26.335	0.48
86.45	9.3	1.48	26.35	0.45
86.5	10.65	1.61	26.365	0.49
86.55	9.82	2.12	26.381	0.65
86.6	9.91	1.75	26.396	0.53
86.65	9.46	1.48	26.411	0.45
86.7	9.23	1.11	26.426	0.34
86.75	7.61	1.49	26.442	0.45
86.8	6.81	1.95	26.457	0.59
86.85	6.9	1.6	26.472	0.49
86.9	5.95	2.19	26.487	0.67
86.95	4.98	2.59	26.503	0.79
87	4.49	3.46	26.518	1.05
87.05	4.74	1.94	26.533	0.59
87.1	4.37	1.76	26.548	0.54
87.15	4.19	1.94	26.564	0.59
87.2	4.59	2.18	26.579	0.66
87.25	4.8	3.9	26.594	1.19
87.3	5.4	3.08	26.609	0.94
87.35	5.2	2.27	26.625	0.69
87.4	5.1	2.24	26.64	0.68
87.45	6.05	3.24	26.655	0.99
87.5	5.02	3.16	26.67	0.96
87.55	5.01	3.48	26.685	1.06
87.6	5.51	3.52	26.701	1.07
87.65	6.25	3.27	26.716	1
87.7	6.63	2.77	26.731	0.84
87.75	6.31	1.89	26.746	0.58
87.8	6.16	0.97	26.762	0.3
87.85	5.58	1.99	26.777	0.61
87.9	4.79	1.39	26.792	0.42
87.95	4.39	1.61	26.807	0.49
88	4.7	1.12	26.823	0.34
88.05	5.35	1.63	26.838	0.5
88.1	5.67	1.19	26.853	0.36
88.15	5.84	2.27	26.868	0.69
88.2	5.92	1.62	26.884	0.49
88.25	5.96	3.88	26.899	1.18
88.3	5.48	2.18	26.914	0.66
88.35	5.24	2.77	26.929	0.84
88.4	6.12	2.9	26.945	0.88
88.45	6.56	3.46	26.96	1.06
88.5	6.28	2.69	26.975	0.82
88.55	6.64	2.66	26.99	0.81
88.6	5.82	3.81	27.006	1.16
88.65	5.91	1.96	27.021	0.6
88.7	6.45	3.52	27.036	1.07
88.75	7.73	2.97	27.051	0.9
88.8	7.36	3	27.066	0.91
88.85	5.68	2.4	27.082	0.73
88.9	5.34	2.12	27.097	0.65
88.95	5.17	3.61	27.112	1.1

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	6.09	2.46	27.127	0.75
89.05	5.54	1.45	27.143	0.44
89.1	5.27	2.1	27.158	0.64
89.15	5.14	1.9	27.173	0.58
89.2	4.57	2.61	27.188	0.8
89.25	4.28	2.08	27.204	0.64
89.3	4.64	3.8	27.219	1.16
89.35	4.32	2.12	27.234	0.65
89.4	5.16	2.51	27.249	0.77
89.45	6.58	2.16	27.265	0.66
89.5	5.29	2.06	27.28	0.63
89.55	5.15	1.8	27.295	0.55
89.6	5.07	1.39	27.31	0.42
89.65	5.04	2.44	27.326	0.74
89.7	4.52	2.7	27.341	0.82
89.75	4.26	2.35	27.356	0.72
89.8	4.63	2.01	27.371	0.61
89.85	4.31	1.61	27.387	0.49
89.9	4.16	3.23	27.402	0.98
89.95	3.58	2.13	27.417	0.65
90	3.79	2.19	27.432	0.67
90.05	3.39	3.24	27.448	0.99
90.1	4.2	1.82	27.463	0.55
90.15	4.1	2.99	27.478	0.91
90.2	4.05	1.86	27.493	0.57
90.25	3.02	1.8	27.508	0.55
90.3	3.01	1.06	27.524	0.32
90.35	2.01	2.15	27.539	0.65
90.4	4	1.42	27.554	0.43
90.45	4.5	1.72	27.569	0.53
90.5	4.25	1.72	27.585	0.53
90.55	4.13	1.77	27.6	0.54
90.6	4.06	1.83	27.615	0.56
90.65	4.03	1.17	27.63	0.36
90.7	4.02	1.55	27.646	0.47
90.75	3.01	2.14	27.661	0.65
90.8	3	1.56	27.676	0.48
90.85	2.5	1.91	27.691	0.58
90.9	3.25	1.06	27.707	0.32
90.95	3.63	1.16	27.722	0.35
91	4.31	1.38	27.737	0.42
91.05	4.16	1.69	27.752	0.51
91.1	5.08	1.41	27.768	0.43
91.15	4.54	2.25	27.783	0.69
91.2	6.27	1.2	27.798	0.37
91.25	6.63	1.43	27.813	0.43
91.3	6.82	1.95	27.829	0.59
91.35	7.41	1.96	27.844	0.6
91.4	5.2	0.99	27.859	0.3
91.45	5.1	1.1	27.874	0.34
91.5	7.05	1.47	27.889	0.45
91.55	6.03	1.38	27.905	0.42
91.6	5.51	1.17	27.92	0.36
91.65	5.26	1.55	27.935	0.47
91.7	6.63	1.28	27.95	0.39
91.75	6.81	1.66	27.966	0.51
91.8	5.91	1.65	27.981	0.5
91.85	6.95	1.91	27.996	0.58
91.9	6.98	2.34	28.011	0.71
91.95	5.49	0.58	28.027	0.18
92	5.24	2.38	28.042	0.73
92.05	5.62	2.28	28.057	0.7

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92.1	5.81	2.57	28.072	0.78
92.15	5.91	3.39	28.088	1.03
92.2	5.95	3.83	28.103	1.17
92.25	5.98	2.4	28.118	0.73
92.3	6.49	5.78	28.133	1.76
92.35	5.24	4.18	28.149	1.27
92.4	5.12	3.22	28.164	0.98
92.45	5.06	2.99	28.179	0.91
92.5	5.03	4.2	28.194	1.28
92.55	5.02	2.67	28.21	0.81
92.6	5.01	2.33	28.225	0.71
92.65	5.5	2.15	28.24	0.66
92.7	5.75	4.35	28.255	1.33
92.75	4.88	2.66	28.271	0.81
92.8	4.44	2.84	28.286	0.87
92.85	4.72	5.08	28.301	1.55
92.9	3.86	2.77	28.316	0.84
92.95	4.93	3.1	28.331	0.95
93	4.96	0.82	28.347	0.25
93.05	5.98	2.51	28.362	0.77
93.1	4.49	1.8	28.377	0.55
93.15	4.25	2.38	28.392	0.72
93.2	5.62	2.45	28.408	0.75
93.25	5.31	3.14	28.423	0.96
93.3	5.16	3.55	28.438	1.08
93.35	5.58	2.4	28.453	0.73
93.4	5.79	3.47	28.469	1.06
93.45	6.39	4.37	28.484	1.33
93.5	5.2	3.3	28.499	1
93.55	5.6	2.15	28.514	0.65
93.6	5.8	2.76	28.53	0.84
93.65	6.9	4.57	28.545	1.39
93.7	5.45	4.09	28.56	1.25
93.75	6.22	2.42	28.575	0.74
93.8	6.61	3.39	28.591	1.03
93.85	7.31	2.5	28.606	0.76
93.9	6.15	1.96	28.621	0.6
93.95	5.08	3.04	28.636	0.93
94	4.54	2.55	28.652	0.78
94.05	4.77	1.94	28.667	0.59
94.1	5.38	3.02	28.682	0.92
94.15	5.19	1.6	28.697	0.49
94.2	5.1	2.09	28.713	0.64
94.25	5.05	1.1	28.728	0.34
94.3	5.02	2.06	28.743	0.63
94.35	6.51	2.11	28.758	0.64
94.4	8.26	2.87	28.773	0.87
94.45	7.63	1.9	28.789	0.58
94.5	7.31	2.86	28.804	0.87
94.55	6.66	2.46	28.819	0.75
94.6	6.83	2.89	28.834	0.88
94.65	7.41	3.3	28.85	1.01
94.7	6.71	3.04	28.865	0.93
94.75	6.35	2.38	28.88	0.73
94.8	5.68	2.7	28.895	0.82
94.85	5.84	2.88	28.911	0.88
94.9	7.42	2.79	28.926	0.85
94.95	6.71	2.53	28.941	0.77
95	7.35	3.31	28.956	1.01
95.05	7.68	2.64	28.972	0.8
95.1	7.84	2.65	28.987	0.81
95.15	7.92	1.89	29.002	0.58

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95.2	7.46	2.2	29.017	0.67
95.25	7.73	3.07	29.033	0.94
95.3	7.36	2.3	29.048	0.7
95.35	7.18	1.84	29.063	0.56
95.4	7.59	1.35	29.078	0.41
95.45	6.8	1.29	29.094	0.39
95.5	6.4	1.37	29.109	0.42
95.55	7.2	1.5	29.124	0.46
95.6	7.6	1.64	29.139	0.5
95.65	8.8	2.28	29.154	0.69
95.7	9.4	2.27	29.17	0.69
95.75	7.2	2.46	29.185	0.75
95.8	7.1	1.65	29.2	0.5
95.85	7.05	2.49	29.215	0.76
95.9	5.52	2.25	29.231	0.69
95.95	5.26	2.8	29.246	0.85
96	5.63	2.82	29.261	0.86
96.05	6.32	3.65	29.276	1.11
96.1	6.16	2.48	29.292	0.76
96.15	6.08	2.96	29.307	0.9
96.2	5.54	2.86	29.322	0.87
96.25	5.27	2.41	29.337	0.73
96.3	5.13	3.86	29.353	1.18
96.35	4.57	3.08	29.368	0.94
96.4	4.28	3.99	29.383	1.22
96.45	4.64	3.15	29.398	0.96
96.5	4.32	3.15	29.414	0.96
96.55	4.66	3.49	29.429	1.06
96.6	4.83	3.34	29.444	1.02
96.65	4.92	2.7	29.459	0.82
96.7	4.96	3.78	29.475	1.15
96.75	5.48	3.18	29.49	0.97
96.8	4.74	3.05	29.505	0.93
96.85	4.37	2.86	29.52	0.87
96.9	4.68	3.67	29.536	1.12
96.95	4.34	1.62	29.551	0.49
97	4.17	3.73	29.566	1.14
97.05	4.59	3.9	29.581	1.19
97.1	4.29	3.4	29.596	1.04
97.15	4.15	2.67	29.612	0.81
97.2	4.57	3.57	29.627	1.09
97.25	4.79	2.91	29.642	0.89
97.3	4.89	3.4	29.657	1.04
97.35	4.95	3.47	29.673	1.06
97.4	5.47	6.72	29.688	2.05
97.45	5.24	4.95	29.703	1.51
97.5	4.62	4.03	29.718	1.23
97.55	4.31	3.86	29.734	1.18
97.6	4.65	8.37	29.749	2.55
97.65	4.33	3.56	29.764	1.08
97.7	4.16	6.54	29.779	1.99
97.75	5.08	3.63	29.795	1.11
97.8	5.04	2.57	29.81	0.78
97.85	5.52	5.41	29.825	1.65
97.9	5.26	4.55	29.84	1.39
97.95	5.63	4.83	29.856	1.47
98	5.82	4.02	29.871	1.22
98.05	5.41	3.77	29.886	1.15
98.1	4.7	3.18	29.901	0.97
98.15	5.35	3.22	29.917	0.98
98.2	5.68	2.04	29.932	0.62
98.25	5.34	2.37	29.947	0.72

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98.3	5.67	1.95	29.962	0.59
98.35	5.83	2.16	29.978	0.66
98.4	6.92	1.64	29.993	0.5
98.45	6.46	2.07	30.008	0.63
98.5	6.23	2.19	30.023	0.67
98.55	5.61	2.47	30.038	0.75
98.6	5.31	1.8	30.054	0.55
98.65	5.15	4.01	30.069	1.22
98.7	5.58	1.82	30.084	0.55
98.75	5.29	1.66	30.099	0.51
98.8	5.14	1.96	30.115	0.6
98.85	5.57	3.92	30.13	1.2
98.9	5.79	1.92	30.145	0.58
98.95	5.39	1.82	30.16	0.55
99	6.2	2.39	30.176	0.73
99.05	6.6	2.48	30.191	0.75
99.1	5.8	2.19	30.206	0.67
99.15	6.4	3.03	30.221	0.92
99.2	5.7	2.97	30.237	0.91
99.25	5.35	1.86	30.252	0.57
99.3	5.67	2.59	30.267	0.79
99.35	5.34	2.7	30.282	0.82
99.4	5.17	2.42	30.298	0.74
99.45	5.08	1.39	30.313	0.42
99.5	5.04	2.11	30.328	0.64
99.55	5.02	2.85	30.343	0.87
99.6	5.01	1.83	30.359	0.56
99.65	5.51	1.22	30.374	0.37
99.7	5.25	2.4	30.389	0.73
99.75	5.13	1.99	30.404	0.61
99.8	5.56	1.63	30.419	0.5
99.85	5.28	1.82	30.435	0.55
99.9	5.64	2.29	30.45	0.7
99.95	5.82	2.85	30.465	0.87
100	6.41	2.38	30.48	0.73
100.05	6.21	1.46	30.496	0.44
100.1	6.1	3.26	30.511	0.99
100.15	6.05	2.2	30.526	0.67
100.2	5.53	2.16	30.541	0.66
100.25	5.26	2.49	30.557	0.76
100.3	6.13	2.2	30.572	0.67
100.35	5.57	2.86	30.587	0.87
100.4	5.78	2.48	30.602	0.76
100.45	5.89	2.12	30.618	0.65
100.5	5.95	1.89	30.633	0.58
100.55	5.97	3.04	30.648	0.93
100.6	5.49	2.44	30.663	0.74
100.65	5.24	2.67	30.679	0.81
100.7	5.12	1.46	30.694	0.44
100.75	5.06	1.92	30.709	0.59
100.8	5.03	2.58	30.724	0.79
100.85	5.02	1.49	30.74	0.46
100.9	5.01	1.4	30.755	0.43
100.95	5.5	1.87	30.77	0.57
101	5.25	1.81	30.785	0.55
101.05	5.13	1.75	30.801	0.53
101.1	4.56	1.47	30.816	0.45
101.15	4.78	1.74	30.831	0.53
101.2	4.89	1.49	30.846	0.46
101.25	4.95	1.29	30.861	0.39
101.3	4.47	1.54	30.877	0.47
101.35	4.74	1.7	30.892	0.52

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101.4	4.87	1.85	30.907	0.56
101.45	5.43	1.8	30.922	0.55
101.5	5.72	1.06	30.938	0.32
101.55	5.36	1.32	30.953	0.4
101.6	5.68	2.06	30.968	0.63
101.65	5.34	1.68	30.983	0.51
101.7	5.67	1.21	30.999	0.37
101.75	5.83	1.43	31.014	0.44
101.8	5.92	0.98	31.029	0.3
101.85	5.96	1.05	31.044	0.32
101.9	5.48	1.42	31.06	0.43
101.95	6.24	3.02	31.075	0.92
102	6.12	2.9	31.09	0.88
102.05	6.06	1.77	31.105	0.54
102.1	6.03	2.11	31.121	0.64
102.15	5.51	2.55	31.136	0.78
102.2	5.26	2.75	31.151	0.84
102.25	5.13	0.74	31.166	0.23
102.3	5.56	1.02	31.182	0.31
102.35	5.28	1.32	31.197	0.4
102.4	5.14	3.48	31.212	1.06
102.45	5.57	1.77	31.227	0.54
102.5	6.29	1.58	31.243	0.48
102.55	7.14	1.55	31.258	0.47
102.6	7.07	3.92	31.273	1.2
102.65	6.54	1.64	31.288	0.5
102.7	9.77	2.23	31.303	0.68
102.75	9.88	2.66	31.319	0.81
102.8	8.44	3.55	31.334	1.08
102.85	8.22	4.27	31.349	1.3
102.9	8.61	2.79	31.364	0.85
102.95	7.31	3.38	31.38	1.03
103	7.15	2.42	31.395	0.74
103.05	7.58	4.31	31.41	1.31
103.1	6.29	3.56	31.425	1.09
103.15	6.14	2.91	31.441	0.89
103.2	5.57	3.28	31.456	1
103.25	5.79	2.18	31.471	0.66
103.3	5.89	1.79	31.486	0.55
103.35	6.95	2.25	31.502	0.69
103.4	8.47	1.42	31.517	0.43
103.45	9.24	1.2	31.532	0.37
103.5	10.12	0.73	31.547	0.22
103.55	13.06	1.22	31.563	0.37
103.6	19.53	0.83	31.578	0.25
103.65	21.76	1.55	31.593	0.47
103.7	18.38	1.19	31.608	0.36
103.75	19.19	1.21	31.624	0.37
103.8	17.1	1.13	31.639	0.34
103.85	16.05	1.3	31.654	0.4
103.9	16.02	1.18	31.669	0.36
103.95	14.01	0.9	31.684	0.28
104	13.01	1.31	31.7	0.4
104.05	12.5	2.69	31.715	0.82
104.1	11.25	1.63	31.73	0.5
104.15	10.63	3.06	31.745	0.93
104.2	10.81	1.31	31.761	0.4
104.25	11.91	1.92	31.776	0.58
104.3	11.95	1.19	31.791	0.36
104.35	12.98	1.86	31.806	0.57
104.4	13.49	1.68	31.822	0.51
104.45	14.24	1.78	31.837	0.54

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104.5	13.62	1.61	31.852	0.49
104.55	13.31	0.97	31.867	0.3
104.6	13.66	0.55	31.883	0.17
104.65	13.83	1.35	31.898	0.41
104.7	14.41	0.85	31.913	0.26
104.75	14.21	0.83	31.928	0.25
104.8	14.6	0.55	31.944	0.17
104.85	15.3	0.86	31.959	0.26
104.9	15.15	0.8	31.974	0.24
104.95	15.58	0.64	31.989	0.2
105	14.79	1.43	32.005	0.43
105.05	13.39	1.3	32.02	0.4
105.1	12.2	0.79	32.035	0.24
105.15	11.1	1.08	32.05	0.33
105.2	10.05	0.82	32.066	0.25
105.25	13.02	1.09	32.081	0.33
105.3	13.01	1.26	32.096	0.38
105.35	13.51	1.44	32.111	0.44
105.4	14.75	1	32.126	0.3
105.45	13.38	0.83	32.142	0.25
105.5	12.19	1.35	32.157	0.41
105.55	13.09	1.28	32.172	0.39
105.6	13.05	1.24	32.187	0.38
105.65	13.52	0.93	32.203	0.28
105.7	13.76	1.73	32.218	0.53
105.75	14.88	1.78	32.233	0.54
105.8	15.44	0.64	32.248	0.19
105.85	18.22	0.83	32.264	0.25
105.9	18.11	1.44	32.279	0.44
105.95	14.56	0.9	32.294	0.27
106	13.78	1.06	32.309	0.32
106.05	12.39	0.85	32.325	0.26
106.1	10.69	0.95	32.34	0.29
106.15	9.85	1.3	32.355	0.4
106.2	9.42	1.05	32.37	0.32
106.25	10.21	1.33	32.386	0.41
106.3	10.61	1.08	32.401	0.33
106.35	10.3	1.4	32.416	0.43
106.4	11.65	1.29	32.431	0.39
106.45	13.83	1.13	32.447	0.35
106.5	13.41	1.51	32.462	0.46
106.55	13.71	1.61	32.477	0.49
106.6	14.85	1.43	32.492	0.44
106.65	15.93	1.37	32.508	0.42
106.7	13.96	1.59	32.523	0.48
106.75	13.48	1.97	32.538	0.6
106.8	12.24	1.83	32.553	0.56
106.85	11.62	2.23	32.568	0.68
106.9	13.31	1.07	32.584	0.33
106.95	15.16	2.6	32.599	0.79
107	15.58	4.41	32.614	1.34
107.05	16.29	3.76	32.629	1.14
107.1	18.64	4.45	32.645	1.36
107.15	18.32	5.08	32.66	1.55
107.2	18.66	3.36	32.675	1.02
107.25	18.83	6.44	32.69	1.96
107.3	17.92	3.71	32.706	1.13
107.35	16.46	3.12	32.721	0.95
107.4	14.73	3.38	32.736	1.03
107.45	13.86	4.53	32.751	1.38
107.5	13.43	2.81	32.767	0.86
107.55	14.22	1.7	32.782	0.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	15.11	3.79	32.797	1.15
107.65	15.55	2.85	32.812	0.87
107.7	17.28	3.37	32.828	1.03
107.75	16.64	3.78	32.843	1.15
107.8	17.82	3.77	32.858	1.15
107.85	18.41	3.82	32.873	1.16
107.9	18.7	3.77	32.889	1.15
107.95	20.35	2.77	32.904	0.84
108	20.68	7.07	32.919	2.15
108.05	23.34	3.48	32.934	1.06
108.1	24.17	5.15	32.949	1.57
108.15	25.58	3.68	32.965	1.12
108.2	27.79	3.53	32.98	1.08
108.25	27.9	2.86	32.995	0.87
108.3	26.45	3.57	33.01	1.09
108.35	25.22	5.04	33.026	1.54
108.4	23.61	3.37	33.041	1.03
108.45	22.31	4.24	33.056	1.29
108.5	21.15	2.14	33.071	0.65
108.55	20.58	3.13	33.087	0.95
108.6	20.29	1.54	33.102	0.47
108.65	19.64	3.02	33.117	0.92
108.7	20.32	1.98	33.132	0.6
108.75	19.66	1.94	33.148	0.59
108.8	19.33	1.4	33.163	0.43
108.85	18.67	2.24	33.178	0.68
108.9	18.83	1.69	33.193	0.51
108.95	17.92	1.47	33.209	0.45
109	16.96	1.87	33.224	0.57
109.05	16.48	2.27	33.239	0.69
109.1	16.74	1.55	33.254	0.47
109.15	16.87	2.21	33.27	0.67
109.2	18.43	1.32	33.285	0.4
109.25	18.22	3.26	33.3	0.99
109.3	17.61	2.28	33.315	0.69
109.35	15.8	2.43	33.331	0.74
109.4	13.4	1.45	33.346	0.44
109.45	11.7	2.43	33.361	0.74
109.5	10.35	1.35	33.376	0.41
109.55	9.68	1.1	33.391	0.34
109.6	9.34	1.72	33.407	0.53
109.65	9.67	1.22	33.422	0.37
109.7	11.83	0.86	33.437	0.26
109.75	12.42	0.79	33.452	0.24
109.8	14.71	1.35	33.468	0.41
109.85	17.85	1.25	33.483	0.38
109.9	19.93	0.89	33.498	0.27
109.95	24.46	0.52	33.513	0.16
110	26.73	0.61	33.529	0.19
110.05	25.37	0.43	33.544	0.13
110.1	28.18	0.72	33.559	0.22
110.15	30.59	1.02	33.574	0.31
110.2	25.3	0.96	33.59	0.29
110.25	22.15	0.78	33.605	0.24
110.3	19.07	0.99	33.62	0.3
110.35	18.04	1.18	33.635	0.36
110.4	17.02	1.13	33.651	0.35
110.45	16.51	1.25	33.666	0.38
110.5	17.75	1.12	33.681	0.34
110.55	16.88	0.91	33.696	0.28
110.6	16.44	1.59	33.712	0.48
110.65	17.22	1.11	33.727	0.34

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110.7	16.61	1.62	33.742	0.49
110.75	16.8	1.21	33.757	0.37
110.8	16.9	2.46	33.772	0.75
110.85	16.45	1.61	33.788	0.49
110.9	16.23	1.55	33.803	0.47
110.95	16.11	0.81	33.818	0.25
111	15.06	1.72	33.833	0.52
111.05	14.53	0.67	33.849	0.21
111.1	14.76	0.62	33.864	0.19
111.15	14.88	0.56	33.879	0.17
111.2	14.44	1.2	33.894	0.37
111.25	14.72	0.56	33.91	0.17
111.3	15.36	0.49	33.925	0.15
111.35	15.18	1.56	33.94	0.48
111.4	15.09	0.68	33.955	0.21
111.45	16.05	0.63	33.971	0.19
111.5	16.02	0.58	33.986	0.18
111.55	16.01	0.52	34.001	0.16
111.6	16.01	0.52	34.016	0.16
111.65	18.5	0.82	34.032	0.25
111.7	19.25	0.42	34.047	0.13
111.75	18.13	0.83	34.062	0.25
111.8	19.56	0.5	34.077	0.15
111.85	19.28	0.43	34.093	0.13
111.9	17.64	1.9	34.108	0.58
111.95	16.32	1.32	34.123	0.4
112	17.16	0.82	34.138	0.25
112.05	16.08	1.11	34.154	0.34
112.1	16.04	2.09	34.169	0.64
112.15	16.52	2.14	34.184	0.65
112.2	16.26	1.16	34.199	0.35
112.25	15.63	2.31	34.214	0.7
112.3	16.82	1.88	34.23	0.57
112.35	16.91	1.49	34.245	0.45
112.4	16.45	1.26	34.26	0.39
112.45	19.23	0.51	34.275	0.15
112.5	20.11	0.51	34.291	0.15
112.55	19.56	0.76	34.306	0.23
112.6	19.28	0.97	34.321	0.3
112.65	19.14	0.56	34.336	0.17
112.7	19.07	0.65	34.352	0.2
112.75	20.03	0.72	34.367	0.22
112.8	20.52	1.46	34.382	0.44
112.85	19.26	0.9	34.397	0.28
112.9	17.13	0.85	34.413	0.26
112.95	15.06	1.05	34.428	0.32
113	13.53	2.78	34.443	0.85
113.05	11.77	1.02	34.458	0.31
113.1	11.38	2.96	34.474	0.9
113.15	11.69	1.25	34.489	0.38
113.2	11.35	3.02	34.504	0.92
113.25	11.67	0.84	34.519	0.25
113.3	12.84	1.39	34.535	0.43
113.35	13.42	1.17	34.55	0.36
113.4	12.71	2.31	34.565	0.71
113.45	12.35	1.53	34.58	0.47
113.5	11.68	2.63	34.596	0.8
113.55	12.34	2.37	34.611	0.72
113.6	12.67	2.7	34.626	0.82
113.65	13.83	1.57	34.641	0.48
113.7	13.92	1.24	34.656	0.38
113.75	17.96	0.76	34.672	0.23

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113.8	16.48	0.98	34.687	0.3
113.85	16.74	1.01	34.702	0.31
113.9	16.87	0.71	34.717	0.22
113.95	14.93	1.58	34.733	0.48
114	15.97	1.72	34.748	0.53
114.05	15.48	2.16	34.763	0.66
114.1	15.24	1.32	34.778	0.4
114.15	15.62	2.05	34.794	0.63
114.2	16.81	1.46	34.809	0.45
114.25	15.91	3.54	34.824	1.08
114.3	15.95	1.22	34.839	0.37
114.35	17.48	1.31	34.855	0.4
114.4	16.74	1.54	34.87	0.47
114.45	16.87	1.51	34.885	0.46
114.5	18.93	1.93	34.9	0.59
114.55	17.97	1.35	34.916	0.41
114.6	15.48	0.99	34.931	0.3
114.65	16.74	2.48	34.946	0.76
114.7	15.37	0.94	34.961	0.29
114.75	15.19	1.31	34.977	0.4
114.8	14.59	1.52	34.992	0.46
114.85	14.8	2.42	35.007	0.74
114.9	15.9	1.01	35.022	0.31
114.95	15.45	1.66	35.037	0.51
115	15.22	0.6	35.053	0.18
115.05	15.11	0.51	35.068	0.16
115.1	15.56	0.93	35.083	0.28
115.15	14.78	0.43	35.098	0.13
115.2	15.39	0.87	35.114	0.27
115.25	14.69	0.98	35.129	0.3
115.3	14.35	0.7	35.144	0.21
115.35	15.67	1.38	35.159	0.42
115.4	15.34	1.05	35.175	0.32
115.45	15.17	0.71	35.19	0.22
115.5	16.08	1.01	35.205	0.31
115.55	15.54	1.36	35.22	0.41
115.6	15.77	1.32	35.236	0.4
115.65	14.89	1.07	35.251	0.32
115.7	15.44	1.27	35.266	0.39
115.75	15.22	1.44	35.281	0.44
115.8	15.11	1.24	35.297	0.38
115.85	15.56	1.64	35.312	0.5
115.9	16.28	1.88	35.327	0.57
115.95	16.64	1.52	35.342	0.46
116	16.82	3.23	35.358	0.98
116.05	15.91	2.08	35.373	0.63
116.1	15.45	2.21	35.388	0.67
116.15	14.23	2.4	35.403	0.73
116.2	14.11	1.34	35.419	0.41
116.25	14.06	1.6	35.434	0.49
116.3	14.03	0.9	35.449	0.28
116.35	16.51	1.06	35.464	0.32
116.4	17.76	0.79	35.479	0.24
116.45	19.38	0.95	35.495	0.29
116.5	23.19	0.74	35.51	0.22
116.55	32.09	0.73	35.525	0.22
116.6	33.55	0.66	35.54	0.2
116.65	35.27	0.72	35.556	0.22
116.7	33.14	0.65	35.571	0.2
116.75	35.57	0.59	35.586	0.18
116.8	33.28	0.58	35.601	0.18
116.85	29.14	0.79	35.617	0.24

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116.9	23.57	1.96	35.632	0.6
116.95	19.29	2.67	35.647	0.81
117	17.14	1.31	35.662	0.4
117.05	16.57	1.69	35.678	0.51
117.1	13.79	1.62	35.693	0.49
117.15	12.89	2.15	35.708	0.65
117.2	12.45	1.73	35.723	0.53
117.25	13.22	4.11	35.739	1.25
117.3	12.61	1.54	35.754	0.47
117.35	12.81	1.34	35.769	0.41
117.4	12.4	2.58	35.784	0.79
117.45	11.7	2.19	35.8	0.67
117.5	11.35	1.69	35.815	0.52
117.55	11.18	2.56	35.83	0.78
117.6	11.09	0.6	35.845	0.18
117.65	10.04	1.77	35.861	0.54
117.7	10.02	0.73	35.876	0.22
117.75	10.51	0.53	35.891	0.16
117.8	10.26	1.73	35.906	0.53
117.85	10.13	0.94	35.921	0.29
117.9	10.56	0.73	35.937	0.22
117.95	10.78	0.67	35.952	0.2
118	11.39	0.96	35.967	0.29
118.05	11.7	1.14	35.982	0.35
118.1	11.35	1.67	35.998	0.51
118.15	12.17	0.61	36.013	0.19
118.2	13.09	2.85	36.028	0.87
118.25	13.04	1.38	36.043	0.42
118.3	13.52	1.23	36.059	0.38
118.35	13.76	0.58	36.074	0.18
118.4	13.38	1.82	36.089	0.55
118.45	13.69	0.64	36.104	0.19
118.5	13.35	1.92	36.12	0.59
118.55	14.17	0.57	36.135	0.17
118.6	13.59	2.03	36.15	0.62
118.65	13.29	1.56	36.165	0.47
118.7	13.65	1.26	36.181	0.38
118.75	14.82	0.62	36.196	0.19
118.8	14.41	0.96	36.211	0.29
118.85	15.21	0.9	36.226	0.27
118.9	15.1	0.92	36.242	0.28
118.95	13.55	0.78	36.257	0.24
119	13.78	0.69	36.272	0.21
119.05	14.39	1.14	36.287	0.35
119.1	13.19	1.1	36.302	0.33
119.15	14.1	1.79	36.318	0.55
119.2	16.05	1.47	36.333	0.45
119.25	15.02	2.07	36.348	0.63
119.3	15.51	1.54	36.363	0.47
119.35	15.76	2.53	36.379	0.77
119.4	16.38	1.99	36.394	0.61
119.45	17.19	2.97	36.409	0.91
119.5	16.59	2.34	36.424	0.71
119.55	16.3	3.37	36.44	1.03
119.6	16.65	1.8	36.455	0.55
119.65	14.82	3.02	36.47	0.92
119.7	13.41	2.32	36.485	0.71
119.75	12.21	1.97	36.501	0.6
119.8	11.1	1.55	36.516	0.47
119.85	11.05	1.63	36.531	0.5
119.9	10.53	1.57	36.546	0.48
119.95	10.26	3.22	36.562	0.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	10.63	2.45	36.577	0.75
120.05	9.82	1.54	36.592	0.47
120.1	10.41	1.75	36.607	0.53
120.15	10.2	1.57	36.623	0.48
120.2	9.6	1.9	36.638	0.58
120.25	9.3	1.68	36.653	0.51
120.3	9.65	2.43	36.668	0.74
120.35	9.83	2.12	36.684	0.65
120.4	9.91	2.1	36.699	0.64
120.45	10.46	2.46	36.714	0.75
120.5	10.73	3.05	36.729	0.93
120.55	10.36	2.48	36.744	0.76
120.6	11.18	2.98	36.76	0.91
120.65	11.59	2.17	36.775	0.66
120.7	11.8	3.23	36.79	0.98
120.75	12.4	3.25	36.805	0.99
120.8	12.2	2.15	36.821	0.66
120.85	12.6	2.39	36.836	0.73
120.9	12.8	2.32	36.851	0.71
120.95	12.4	3.31	36.866	1.01
121	13.2	2.77	36.882	0.84
121.05	13.1	2.73	36.897	0.83
121.1	13.05	3.88	36.912	1.18
121.15	12.02	3.18	36.927	0.97
121.2	11.51	2.99	36.943	0.91
121.25	11.76	3.34	36.958	1.02
121.3	11.38	2.54	36.973	0.77
121.35	11.69	2.71	36.988	0.82
121.4	10.84	2.48	37.004	0.76
121.45	10.42	2.45	37.019	0.75
121.5	10.21	2.5	37.034	0.76
121.55	10.61	2.33	37.049	0.71
121.6	10.8	2.94	37.065	0.9
121.65	12.4	2.39	37.08	0.73
121.7	13.2	2.73	37.095	0.83
121.75	13.6	2.37	37.11	0.72
121.8	14.3	2.44	37.126	0.74
121.85	14.15	2.97	37.141	0.9
121.9	15.58	2.73	37.156	0.83
121.95	17.29	3.5	37.171	1.07
122	17.64	2.39	37.186	0.73
122.05	17.32	2.32	37.202	0.71
122.1	17.16	2.89	37.217	0.88
122.15	16.58	4.83	37.232	1.47
122.2	17.29	2.55	37.247	0.78
122.25	17.15	4.91	37.263	1.5
122.3	17.57	3.79	37.278	1.16
122.35	18.29	2.9	37.293	0.88
122.4	18.14	3.63	37.308	1.1
122.45	17.07	3.88	37.324	1.18
122.5	17.04	3.49	37.339	1.06
122.55	16.02	4.65	37.354	1.42
122.6	15.01	2.8	37.369	0.85
122.65	15.5	2.96	37.385	0.9
122.7	14.75	2.68	37.4	0.82
122.75	14.38	2.51	37.415	0.76
122.8	14.19	3.08	37.43	0.94
122.85	14.59	1.47	37.446	0.45
122.9	14.3	1.74	37.461	0.53
122.95	15.15	0.91	37.476	0.28
123	15.07	2.09	37.491	0.64
123.05	15.04	1.05	37.507	0.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	15.02	1.34	37.522	0.41
123.15	13.51	2.08	37.537	0.63
123.2	13.25	2.49	37.552	0.76
123.25	13.63	1.76	37.567	0.54
123.3	12.81	2.59	37.583	0.79
123.35	12.91	1.57	37.598	0.48
123.4	13.45	3.76	37.613	1.15
123.45	12.23	1.75	37.628	0.53
123.5	13.61	2.43	37.644	0.74
123.55	13.31	2.55	37.659	0.78
123.6	13.15	3.92	37.674	1.19
123.65	13.58	2.65	37.689	0.81
123.7	14.79	2.6	37.705	0.79
123.75	15.39	2.49	37.72	0.76
123.8	16.2	3.94	37.735	1.2
123.85	16.6	2.68	37.75	0.82
123.9	16.8	4.24	37.766	1.29
123.95	16.9	1.98	37.781	0.6
124	17.45	1.54	37.796	0.47
124.05	16.72	2.15	37.811	0.66
124.1	17.36	1.93	37.827	0.59
124.15	17.18	1.56	37.842	0.48
124.2	16.59	1.16	37.857	0.35
124.25	16.3	1.41	37.872	0.43
124.3	16.65	1.22	37.888	0.37
124.35	16.82	2.02	37.903	0.62
124.4	17.41	2.01	37.918	0.61
124.45	16.71	3.36	37.933	1.02
124.5	15.35	2.75	37.949	0.84
124.55	14.68	2.22	37.964	0.68
124.6	13.84	2.31	37.979	0.7
124.65	13.42	3.02	37.994	0.92
124.7	14.21	3.23	38.009	0.98
124.75	13.6	3.87	38.025	1.18
124.8	13.3	3.8	38.04	1.16
124.85	12.15	4.45	38.055	1.36
124.9	11.58	4.2	38.07	1.28
124.95	11.29	6.77	38.086	2.06
125	11.64	5.15	38.101	1.57
125.05	11.32	5.92	38.116	1.8
125.1	12.16	3.59	38.131	1.09
125.15	12.08	3.71	38.147	1.13
125.2	12.54	4.1	38.162	1.25
125.25	13.27	3.45	38.177	1.05
125.3	14.14	5.96	38.192	1.82
125.35	15.07	3.79	38.208	1.16
125.4	16.03	2.85	38.223	0.87
125.45	15.02	3.06	38.238	0.93
125.5	14.51	2.78	38.253	0.85
125.55	13.75	2.5	38.269	0.76
125.6	14.38	3.23	38.284	0.98
125.65	13.69	4.01	38.299	1.22
125.7	13.84	3.18	38.314	0.97
125.75	14.42	3.16	38.33	0.96
125.8	15.21	3.56	38.345	1.09
125.85	14.61	2.61	38.36	0.8
125.9	15.8	3.33	38.375	1.02
125.95	15.9	3.57	38.39	1.09
126	14.45	2.33	38.406	0.71
126.05	13.73	4.57	38.421	1.39
126.1	14.36	3.7	38.436	1.13
126.15	14.18	2.71	38.451	0.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	14.59	3.28	38.467	1
126.25	15.3	4.79	38.482	1.46
126.3	15.15	3.36	38.497	1.02
126.35	15.57	3.35	38.512	1.02
126.4	15.29	3.46	38.528	1.05
126.45	15.14	2.86	38.543	0.87
126.5	14.57	3.51	38.558	1.07
126.55	14.79	3.38	38.573	1.03
126.6	15.39	3.62	38.589	1.1
126.65	15.7	3.33	38.604	1.02
126.7	14.35	4.14	38.619	1.26
126.75	15.17	3.52	38.634	1.07
126.8	15.09	3.71	38.65	1.13
126.85	14.04	3.48	38.665	1.06
126.9	14.52	3.61	38.68	1.1
126.95	14.76	8.26	38.695	2.52
127	15.38	4.04	38.711	1.23
127.05	16.19	3.5	38.726	1.07
127.1	17.1	3.82	38.741	1.17
127.15	16.55	3.46	38.756	1.05
127.2	16.27	3.73	38.772	1.14
127.25	15.64	7.85	38.787	2.39
127.3	14.82	6.24	38.802	1.9
127.35	14.91	6.96	38.817	2.12
127.4	13.95	4.02	38.832	1.23
127.45	13.48	4.09	38.848	1.25
127.5	13.74	5.52	38.863	1.68
127.55	14.37	7.9	38.878	2.41
127.6	14.18	5.84	38.893	1.78
127.65	14.09	7.88	38.909	2.4
127.7	14.05	5.36	38.924	1.63
127.75	14.02	6.71	38.939	2.05
127.8	14.01	3.64	38.954	1.11
127.85	14.01	6.08	38.97	1.85
127.9	14	3	38.985	0.91
127.95	13.5	2.59	39	0.79
128	14.25	4.12	39.015	1.26
128.05	13.63	2.7	39.031	0.82
128.1	12.81	4.12	39.046	1.26
128.15	12.91	3.63	39.061	1.11
128.2	13.95	3.42	39.076	1.04
128.25	13.98	3.22	39.092	0.98
128.3	12.49	4.94	39.107	1.51
128.35	12.74	3.67	39.122	1.12
128.4	12.87	3.98	39.137	1.21
128.45	12.94	3.65	39.153	1.11
128.5	12.97	5.28	39.168	1.61
128.55	14.48	3.16	39.183	0.96
128.6	14.74	3.56	39.198	1.09
128.65	14.37	4.62	39.214	1.41
128.7	15.19	3.27	39.229	1
128.75	15.09	3.83	39.244	1.17
128.8	15.05	3.28	39.259	1
128.85	14.02	3.75	39.274	1.14
128.9	14.51	2.27	39.29	0.69
128.95	14.26	2.69	39.305	0.82
129	13.63	3.6	39.32	1.1
129.05	13.31	4.15	39.335	1.27
129.1	13.16	2.99	39.351	0.91
129.15	13.58	3.06	39.366	0.93
129.2	14.29	1.94	39.381	0.59
129.25	14.64	2.47	39.396	0.75

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129.3	14.32	1.99	39.412	0.61
129.35	14.66	2.46	39.427	0.75
129.4	14.83	3.16	39.442	0.96
129.45	14.42	2.8	39.457	0.85
129.5	14.21	3.78	39.473	1.15
129.55	14.1	3.41	39.488	1.04
129.6	14.05	3.57	39.503	1.09
129.65	15.03	3.29	39.518	1
129.7	14.51	3.92	39.534	1.2
129.75	15.26	3.72	39.549	1.13
129.8	15.13	2.79	39.564	0.85
129.85	15.56	3.01	39.579	0.92
129.9	16.78	2.71	39.595	0.83
129.95	16.39	3.57	39.61	1.09
130	15.2	2.59	39.625	0.79
130.05	16.1	2.46	39.64	0.75
130.1	15.55	3.15	39.655	0.96
130.15	14.27	2.84	39.671	0.87
130.2	14.14	2.34	39.686	0.71
130.25	13.57	3.21	39.701	0.98
130.3	13.28	2.52	39.716	0.77
130.35	12.64	2.61	39.732	0.79
130.4	12.82	2.89	39.747	0.88
130.45	12.41	2.16	39.762	0.66
130.5	11.71	3.21	39.777	0.98
130.55	13.85	2.18	39.793	0.66
130.6	13.43	2.71	39.808	0.83
130.65	12.71	2.73	39.823	0.83
130.7	13.36	3.04	39.838	0.93
130.75	13.68	2.36	39.854	0.72
130.8	13.84	2.23	39.869	0.68
130.85	13.92	1.84	39.884	0.56
130.9	13.96	1.93	39.899	0.59
130.95	13.48	1.91	39.915	0.58
131	13.24	2.16	39.93	0.66
131.05	12.12	2.86	39.945	0.87
131.1	12.06	2.4	39.96	0.73
131.15	12.03	2.31	39.976	0.7
131.2	12.01	2.99	39.991	0.91
131.25	11.51	2.75	40.006	0.84
131.3	11.75	3.87	40.021	1.18
131.35	11.88	3.34	40.037	1.02
131.4	12.94	2.31	40.052	0.7
131.45	13.97	1.94	40.067	0.59
131.5	14.48	2.46	40.082	0.75
131.55	14.24	2.38	40.097	0.72
131.6	14.62	2.88	40.113	0.88
131.65	14.31	2.71	40.128	0.83
131.7	14.16	2.72	40.143	0.83
131.75	14.58	2.85	40.158	0.87
131.8	13.29	2.35	40.174	0.72
131.85	14.64	2.53	40.189	0.77
131.9	14.32	2.83	40.204	0.86
131.95	14.66	3.84	40.219	1.17
132	15.33	3.12	40.235	0.95
132.05	14.67	3.51	40.25	1.07
132.1	14.83	3.69	40.265	1.12
132.15	14.92	2.99	40.28	0.91
132.2	13.96	2.92	40.296	0.89
132.25	14.98	2.04	40.311	0.62
132.3	15.99	2.31	40.326	0.7
132.35	16.99	4.04	40.341	1.23

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	17	2.07	40.357	0.63
132.45	17	2.56	40.372	0.78
132.5	18	2.65	40.387	0.81
132.55	20	2.86	40.402	0.87
132.6	19	3.27	40.418	1
132.65	17.5	3.47	40.433	1.06
132.7	18.25	3.5	40.448	1.07
132.75	17.62	2.9	40.463	0.88
132.8	17.81	2.99	40.479	0.91
132.85	17.91	2.47	40.494	0.75
132.9	18.45	4.55	40.509	1.39
132.95	18.73	7.12	40.524	2.17
133	18.36	3.38	40.539	1.03
133.05	16.68	4.44	40.555	1.35
133.1	16.84	4.2	40.57	1.28
133.15	16.42	6.79	40.585	2.07
133.2	15.71	3.38	40.6	1.03
133.25	16.36	3.29	40.616	1
133.3	15.68	3.3	40.631	1.01
133.35	14.84	4.58	40.646	1.4
133.4	16.42	3.2	40.661	0.97
133.45	15.21	3.58	40.677	1.09
133.5	14.1	2.93	40.692	0.89
133.55	14.05	1.81	40.707	0.55
133.6	15.03	2.92	40.722	0.89
133.65	15.51	3.37	40.738	1.03
133.7	15.26	2.72	40.753	0.83
133.75	15.63	3.32	40.768	1.01
133.8	15.81	4.02	40.783	1.23
133.85	14.41	3.29	40.799	1
133.9	14.2	3.66	40.814	1.12
133.95	14.6	2.29	40.829	0.7
134	14.3	4.05	40.844	1.23
134.05	14.65	3.74	40.86	1.14
134.1	14.33	3.6	40.875	1.1
134.15	14.16	3.24	40.89	0.99
134.2	14.08	2.24	40.905	0.68
134.25	14.54	3.42	40.92	1.04
134.3	14.77	5.23	40.936	1.6
134.35	14.39	2.94	40.951	0.9
134.4	15.19	3.35	40.966	1.02
134.45	15.6	3.32	40.981	1.01
134.5	15.8	3.15	40.997	0.96
134.55	15.9	3.11	41.012	0.95
134.6	15.95	3.67	41.027	1.12
134.65	15.47	2.76	41.042	0.84
134.7	15.24	2.97	41.058	0.9
134.75	14.62	2.46	41.073	0.75
134.8	15.31	1.74	41.088	0.53
134.85	14.15	3.54	41.103	1.08
134.9	13.08	2.33	41.119	0.71
134.95	13.54	2.77	41.134	0.85
135	13.27	2.75	41.149	0.84
135.05	14.63	3.04	41.164	0.93
135.1	13.82	4.16	41.18	1.27
135.15	12.91	3.37	41.195	1.03
135.2	13.95	3.8	41.21	1.16
135.25	14.48	3.43	41.225	1.05
135.3	15.74	2.32	41.241	0.71
135.35	15.37	2.37	41.256	0.72
135.4	14.68	2.81	41.271	0.86
135.45	14.34	3.44	41.286	1.05

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	13.17	3.52	41.302	1.07
135.55	13.09	3.16	41.317	0.96
135.6	12.54	2.34	41.332	0.71
135.65	13.27	2.7	41.347	0.82
135.7	12.64	3.28	41.362	1
135.75	12.32	3.32	41.378	1.01
135.8	13.16	3.59	41.393	1.09
135.85	14.08	2.72	41.408	0.83
135.9	13.54	2.69	41.423	0.82
135.95	13.27	3.05	41.439	0.93
136	12.63	2.52	41.454	0.77
136.05	12.32	2.73	41.469	0.83
136.1	13.16	2.67	41.484	0.81
136.15	12.58	2.93	41.5	0.89
136.2	12.29	3.39	41.515	1.03
136.25	12.64	2.7	41.53	0.82
136.3	13.32	3.34	41.545	1.02
136.35	13.16	2.99	41.561	0.91
136.4	12.58	3.64	41.576	1.11
136.45	12.79	2.94	41.591	0.9
136.5	12.9	3.6	41.606	1.1
136.55	12.45	3.41	41.622	1.04
136.6	12.72	3.35	41.637	1.02
136.65	13.36	4.66	41.652	1.42
136.7	13.18	5.64	41.667	1.72
136.75	13.59	4.13	41.683	1.26
136.8	13.8	3.44	41.698	1.05
136.85	13.4	4.84	41.713	1.47
136.9	13.2	3.8	41.728	1.16
136.95	13.6	3.97	41.744	1.21
137	12.8	3.62	41.759	1.1
137.05	13.4	4.8	41.774	1.46
137.1	13.2	3.66	41.789	1.12
137.15	13.1	5.26	41.804	1.6
137.2	12.05	6.03	41.82	1.84
137.25	13.02	3.52	41.835	1.07
137.3	14.51	3.67	41.85	1.12
137.35	15.76	4.08	41.865	1.24
137.4	15.88	3.18	41.881	0.97
137.45	15.44	3.67	41.896	1.12
137.5	15.22	1.42	41.911	0.43
137.55	15.11	3.01	41.926	0.92
137.6	16.05	2.5	41.942	0.76
137.65	16.03	2.85	41.957	0.87
137.7	16.01	2.6	41.972	0.79
137.75	16.51	4.21	41.987	1.28
137.8	16.25	3.7	42.003	1.13
137.85	15.63	2.63	42.018	0.8
137.9	15.81	2.73	42.033	0.83
137.95	14.91	3.33	42.048	1.01
138	14.95	2.34	42.064	0.71
138.05	15.48	2.82	42.079	0.86
138.1	15.24	2.62	42.094	0.8
138.15	15.62	4.81	42.109	1.47
138.2	15.81	1.8	42.125	0.55
138.25	15.9	4.12	42.14	1.26
138.3	15.95	2.38	42.155	0.73
138.35	15.98	1.89	42.17	0.58
138.4	15.49	2.34	42.185	0.71
138.45	15.24	3.52	42.201	1.07
138.5	15.62	2.59	42.216	0.79
138.55	15.81	2.39	42.231	0.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	16.41	1.82	42.246	0.56
138.65	15.7	2.42	42.262	0.74
138.7	16.35	1.46	42.277	0.44
138.75	16.68	2.51	42.292	0.76
138.8	16.84	1.97	42.307	0.6
138.85	16.42	1.05	42.323	0.32
138.9	15.71	1.27	42.338	0.39
138.95	14.85	1.91	42.353	0.58
139	15.43	2.46	42.368	0.75
139.05	15.21	1.66	42.384	0.51
139.1	16.11	2.73	42.399	0.83
139.15	16.05	2.53	42.414	0.77
139.2	16.03	4.31	42.429	1.31
139.25	16.01	2.46	42.445	0.75
139.3	16.01	2.7	42.46	0.82
139.35	15.5	2.05	42.475	0.63
139.4	16.25	2.78	42.49	0.85
139.45	16.13	2.84	42.506	0.87
139.5	15.56	4.14	42.521	1.26
139.55	15.28	2.2	42.536	0.67
139.6	15.14	3.16	42.551	0.96
139.65	15.57	3.28	42.567	1
139.7	16.29	2.09	42.582	0.64
139.75	16.14	2.42	42.597	0.74
139.8	17.07	2.25	42.612	0.69
139.85	16.54	2.78	42.627	0.85
139.9	16.27	2.69	42.643	0.82
139.95	16.13	2.73	42.658	0.83
140	16.07	2.16	42.673	0.66
140.05	16.03	1.96	42.688	0.6
140.1	15.02	1.6	42.704	0.49
140.15	14.51	2.08	42.719	0.63
140.2	15.25	2.08	42.734	0.63
140.25	15.13	3	42.749	0.91
140.3	15.06	2.07	42.765	0.63
140.35	15.03	2.49	42.78	0.76
140.4	13.52	3.34	42.795	1.02
140.45	14.26	3.15	42.81	0.96
140.5	13.63	2.31	42.826	0.7
140.55	14.31	2.17	42.841	0.66
140.6	13.66	2.66	42.856	0.81
140.65	13.33	2.71	42.871	0.83
140.7	13.16	3.18	42.887	0.97
140.75	13.08	2.51	42.902	0.76
140.8	13.54	3.54	42.917	1.08
140.85	13.27	2.51	42.932	0.77
140.9	13.14	3.63	42.948	1.11
140.95	12.57	3.72	42.963	1.14
141	13.28	2.86	42.978	0.87
141.05	13.64	3.16	42.993	0.96
141.1	13.82	3.4	43.008	1.03
141.15	13.41	2.98	43.024	0.91
141.2	13.71	2.41	43.039	0.74
141.25	13.85	2.78	43.054	0.85
141.3	14.93	2.9	43.069	0.89
141.35	14.96	3.21	43.085	0.98
141.4	15.48	2.87	43.1	0.88
141.45	15.74	2.69	43.115	0.82
141.5	15.87	2.4	43.13	0.73
141.55	15.44	2.64	43.146	0.8
141.6	14.72	2.32	43.161	0.71
141.65	14.86	2.92	43.176	0.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	13.93	2.76	43.191	0.84
141.75	13.96	2.88	43.207	0.88
141.8	13.98	3.26	43.222	0.99
141.85	14.49	1.92	43.237	0.58
141.9	14.75	4.49	43.252	1.37
141.95	13.87	3.47	43.268	1.06
142	13.94	2.92	43.283	0.89
142.05	13.97	3.62	43.298	1.1
142.1	13.48	2.96	43.313	0.9
142.15	12.24	3.44	43.329	1.05
142.2	14.12	3.29	43.344	1
142.25	13.06	2.58	43.359	0.79
142.3	13.03	1.83	43.374	0.56
142.35	13.52	2.2	43.39	0.67
142.4	13.26	2.09	43.405	0.64
142.45	13.63	2.51	43.42	0.77
142.5	13.81	1.95	43.435	0.59
142.55	14.41	3.05	43.45	0.93
142.6	14.2	1.41	43.466	0.43
142.65	13.6	1.61	43.481	0.49
142.7	14.3	0.62	43.496	0.19
142.75	14.15	2.4	43.511	0.73
142.8	14.08	2.65	43.527	0.81
142.85	15.04	2.21	43.542	0.67
142.9	16.52	1.67	43.557	0.51
142.95	16.76	3.35	43.572	1.02
143	15.88	2.69	43.588	0.82
143.05	15.44	2.2	43.603	0.67
143.1	15.22	2.11	43.618	0.64
143.15	14.11	2.51	43.633	0.77
143.2	13.05	2.22	43.649	0.68
143.25	13.53	2.66	43.664	0.81
143.3	13.76	2.75	43.679	0.84
143.35	13.38	3.11	43.694	0.95
143.4	13.19	2.94	43.71	0.9
143.45	13.6	1.76	43.725	0.54
143.5	14.3	2	43.74	0.61
143.55	14.65	1.72	43.755	0.52
143.6	15.32	1.74	43.771	0.53
143.65	15.16	2.31	43.786	0.7
143.7	15.08	1.8	43.801	0.55
143.75	14.54	1.44	43.816	0.44
143.8	14.27	2.51	43.832	0.77
143.85	14.64	1.38	43.847	0.42
143.9	13.82	2.14	43.862	0.65
143.95	14.91	0.83	43.877	0.25
144	14.45	1.97	43.892	0.6
144.05	14.23	2.26	43.908	0.69
144.1	14.61	2.15	43.923	0.66
144.15	13.81	2.51	43.938	0.76
144.2	14.4	2.45	43.953	0.75
144.25	14.7	3.06	43.969	0.93
144.3	13.85	2.57	43.984	0.78
144.35	14.43	2.39	43.999	0.73
144.4	13.71	3.01	44.014	0.92
144.45	14.86	2.75	44.03	0.84
144.5	14.43	2.29	44.045	0.7
144.55	13.21	3.01	44.06	0.92
144.6	14.61	3.47	44.075	1.06
144.65	14.8	2.76	44.091	0.84
144.7	13.9	2.17	44.106	0.66
144.75	13.45	3.22	44.121	0.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.8	12.73	2.43	44.136	0.74
144.85	12.86	3.47	44.152	1.06
144.9	12.43	2.33	44.167	0.71
144.95	13.22	2.96	44.182	0.9
145	12.61	2.42	44.197	0.74
145.05	12.3	1.86	44.213	0.57
145.1	14.15	1.38	44.228	0.42
145.15	12.58	2.36	44.243	0.72
145.2	12.29	1.08	44.258	0.33
145.25	12.14	1.5	44.273	0.46
145.3	12.07	1.91	44.289	0.58
145.35	12.04	2.14	44.304	0.65
145.4	13.52	2.13	44.319	0.65
145.45	13.26	2.24	44.334	0.68
145.5	12.63	1.52	44.35	0.46
145.55	12.31	1.3	44.365	0.4
145.6	13.16	1.75	44.38	0.53
145.65	13.08	1.94	44.395	0.59
145.7	12.54	1.73	44.411	0.53
145.75	12.77	2.05	44.426	0.62
145.8	12.88	1.41	44.441	0.43
145.85	13.44	1.57	44.456	0.48
145.9	13.22	1.15	44.472	0.35
145.95	13.61	1.19	44.487	0.36
146	13.31	1.9	44.502	0.58
146.05	13.15	1.62	44.517	0.49
146.1	14.08	1.92	44.533	0.59
146.15	13.54	1.58	44.548	0.48
146.2	13.27	1.55	44.563	0.47
146.25	13.63	1.31	44.578	0.4
146.3	13.32	1.67	44.594	0.51
146.35	13.66	1.78	44.609	0.54
146.4	14.83	1.05	44.624	0.32
146.45	15.41	0.96	44.639	0.29
146.5	16.21	1.38	44.655	0.42
146.55	17.6	1.59	44.67	0.48
146.6	16.8	1.38	44.685	0.42
146.65	16.9	1.74	44.7	0.53
146.7	16.45	1.83	44.715	0.56
146.75	16.73	1.53	44.731	0.47
146.8	16.36	1.76	44.746	0.54
146.85	16.68	0.96	44.761	0.29
146.9	16.84	2.38	44.776	0.73
146.95	16.42	2.69	44.792	0.82
147	15.71	2.19	44.807	0.67
147.05	16.36	3.1	44.822	0.95
147.1	16.18	3.3	44.837	1.01
147.15	17.09	3.07	44.853	0.93
147.2	16.04	4.9	44.868	1.49
147.25	16.02	3.21	44.883	0.98
147.3	15.51	5.3	44.898	1.61
147.35	15.26	3.28	44.914	1
147.4	14.63	2.52	44.929	0.77
147.45	14.81	1.97	44.944	0.6
147.5	13.91	3.23	44.959	0.98
147.55	13.95	3.3	44.975	1
147.6	15.48	2.24	44.99	0.68
147.65	15.74	2.77	45.005	0.84
147.7	15.87	1.55	45.02	0.47
147.75	15.93	2.79	45.036	0.85
147.8	15.47	2.73	45.051	0.83
147.85	14.73	2.16	45.066	0.66

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147.9	14.37	2.61	45.081	0.8
147.95	15.18	3.87	45.097	1.18
148	15.09	2.03	45.112	0.62
148.05	15.55	2.9	45.127	0.88
148.1	15.27	2.33	45.142	0.71
148.15	14.64	6.01	45.157	1.83
148.2	14.32	2.44	45.173	0.74
148.25	15.66	2.69	45.188	0.82
148.3	15.83	2.78	45.203	0.85
148.35	14.91	4.78	45.218	1.46
148.4	15.46	2.78	45.234	0.85
148.45	15.23	4.37	45.249	1.33
148.5	15.61	2.42	45.264	0.74
148.55	15.81	1.87	45.279	0.57
148.6	14.9	3.79	45.295	1.16
148.65	15.45	2.55	45.31	0.78
148.7	15.23	2.9	45.325	0.88
148.75	16.61	2.18	45.34	0.66
148.8	15.81	3.34	45.356	1.02
148.85	15.4	1.91	45.371	0.58
148.9	16.7	2.41	45.386	0.73
148.95	16.85	1.48	45.401	0.45
149	15.43	2.59	45.417	0.79
149.05	15.21	2.11	45.432	0.64
149.1	15.61	3.42	45.447	1.04
149.15	16.3	2.23	45.462	0.68
149.2	17.15	3.65	45.478	1.11
149.25	17.08	2.46	45.493	0.75
149.3	16.54	3.17	45.508	0.96
149.35	15.77	4.03	45.523	1.23
149.4	15.88	5.43	45.538	1.66
149.45	15.94	3.14	45.554	0.96
149.5	16.47	3.32	45.569	1.01
149.55	16.24	3.6	45.584	1.1
149.6	16.12	4.64	45.599	1.41
149.65	16.06	2.71	45.615	0.83
149.7	15.53	2.98	45.63	0.91
149.75	15.26	2.32	45.645	0.71
149.8	16.13	2.38	45.66	0.72
149.85	16.07	4.28	45.676	1.31
149.9	16.53	2.52	45.691	0.77
149.95	16.77	3.76	45.706	1.15
150	17.38	3.28	45.721	1
150.05	17.19	4.29	45.737	1.31
150.1	17.6	5.05	45.752	1.54
150.15	17.8	2.93	45.767	0.89
150.2	16.4	2.01	45.782	0.61
150.25	16.7	3.08	45.798	0.94
150.3	15.85	2.68	45.813	0.82
150.35	16.92	2.79	45.828	0.85
150.4	16.46	3.01	45.843	0.92
150.45	16.23	2.93	45.859	0.89
150.5	16.62	2.9	45.874	0.88
150.55	17.31	2.1	45.889	0.64
150.6	17.65	2.98	45.904	0.91
150.65	16.33	2.4	45.92	0.73
150.7	16.16	1.91	45.935	0.58
150.75	15.58	1.96	45.95	0.6
150.8	15.79	2.53	45.965	0.77
150.85	15.4	2.37	45.98	0.72
150.9	16.7	2.01	45.996	0.61
150.95	16.35	2.1	46.011	0.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	16.17	1.79	46.026	0.55
151.05	17.09	2.4	46.041	0.73
151.1	16.54	2.1	46.057	0.64
151.15	16.27	1.74	46.072	0.53
151.2	16.14	2.39	46.087	0.73
151.25	15.07	2.31	46.102	0.7
151.3	14.53	2.25	46.118	0.69
151.35	15.27	1.74	46.133	0.53
151.4	14.63	1.64	46.148	0.5
151.45	14.32	1.47	46.163	0.45
151.5	15.66	1.58	46.179	0.48
151.55	17.33	2.18	46.194	0.66
151.6	17.66	2.91	46.209	0.89
151.65	18.33	2.77	46.224	0.85
151.7	18.67	2.56	46.24	0.78
151.75	19.83	1.38	46.255	0.42
151.8	19.42	1.74	46.27	0.53
151.85	18.21	0.89	46.285	0.27
151.9	18.6	1.9	46.301	0.58
151.95	18.3	4.39	46.316	1.34
152	16.65	2.68	46.331	0.82
152.05	12.33	3.38	46.346	1.03
152.1	11.16	2.41	46.362	0.73
152.15	15.08	4.03	46.377	1.23
152.2	15.04	4.27	46.392	1.3
152.25	13.02	3.12	46.407	0.95
152.3	16.51	4.07	46.422	1.24
152.35	16.76	4.46	46.438	1.36
152.4	15.88	2.94	46.453	0.9
152.45	13.94	2.11	46.468	0.64
152.5	11.47	2.48	46.483	0.76
152.55	16.73	3.62	46.499	1.1
152.6	17.87	1.85	46.514	0.56
152.65	19.93	2.16	46.529	0.66
152.7	19.47	0.79	46.544	0.24
152.75	16.23	3.2	46.56	0.98
152.8	18.12	1.98	46.575	0.6
152.85	17.56	2.34	46.59	0.71
152.9	19.28	2.39	46.605	0.73
152.95	22.64	3.12	46.621	0.95
153	17.82	1.86	46.636	0.57
153.05	13.91	3.16	46.651	0.96
153.1	9.45	1.92	46.666	0.58
153.15	7.23	2.75	46.682	0.84
153.2	6.11	1.98	46.697	0.6
153.25	6.56	3.27	46.712	1
153.3	7.28	3.13	46.727	0.95
153.35	7.64	4	46.743	1.22
153.4	7.82	4	46.758	1.22
153.45	8.41	3.62	46.773	1.1
153.5	8.7	3.23	46.788	0.98
153.55	8.85	3.23	46.803	0.99
153.6	8.93	4.45	46.819	1.36
153.65	8.96	2.49	46.834	0.76
153.7	9.48	3.9	46.849	1.19
153.75	9.74	1.72	46.864	0.53
153.8	10.37	4.03	46.88	1.23
153.85	10.69	2.27	46.895	0.69
153.9	11.34	2.31	46.91	0.7
153.95	11.67	1.4	46.925	0.43
154	12.34	2.24	46.941	0.68
154.05	13.17	1.91	46.956	0.58

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	17.08	2.84	46.971	0.87
154.15	31.54	2.25	46.986	0.69
154.2	40.77	1.68	47.002	0.51
154.25	45.39	1.39	47.017	0.42
154.3	52.69	0.62	47.032	0.19
154.35	59.85	0.84	47.047	0.26
154.4	56.42	0.88	47.063	0.27
154.45	49.21	0.65	47.078	0.2
154.5	38.61	0.66	47.093	0.2
154.55	34.3	1.06	47.108	0.32
154.6	50.15	1.14	47.124	0.35
154.65	116.08	1.25	47.139	0.38
154.7	129.54	1.32	47.154	0.4
154.75	84.27	0.88	47.169	0.27
154.8	48.63	2.33	47.185	0.71
154.85	29.82	0.83	47.2	0.25
154.9	19.41	1.99	47.215	0.61
154.95	13.2	1.38	47.23	0.42
155	8.6	1.29	47.245	0.39
155.05	6.3	0.73	47.261	0.22
155.1	5.15	0.95	47.276	0.29
155.15	4.58	0.97	47.291	0.29
155.2	3.79	0.59	47.306	0.18
155.25	3.89	0.7	47.322	0.21
155.3	3.95	0.99	47.337	0.3
155.35	3.47	0.87	47.352	0.27
155.4	3.74	1.1	47.367	0.34
155.45	3.37	0.92	47.383	0.28
155.5	3.18	1.05	47.398	0.32
155.55	3.59	0.84	47.413	0.26
155.6	3.8	0.89	47.428	0.27
155.65	3.4	1.36	47.444	0.41
155.7	3.7	1.43	47.459	0.44
155.75	3.85	1.67	47.474	0.51
155.8	3.92	1.42	47.489	0.43
155.85	3.96	1.71	47.505	0.52
155.9	3.98	1.57	47.52	0.48
155.95	3.49	1.05	47.535	0.32
156	3.25	1.02	47.55	0.31
156.05	3.62	2.05	47.566	0.62
156.1	3.81	1.53	47.581	0.47
156.15	3.91	1.43	47.596	0.44
156.2	3.45	1.15	47.611	0.35
156.25	3.73	1.48	47.627	0.45
156.3	3.86	1.3	47.642	0.39
156.35	3.93	1.14	47.657	0.35
156.4	3.97	0.74	47.672	0.23
156.45	3.98	0.74	47.687	0.23
156.5	3.99	1.14	47.703	0.35
156.55	3.5	0.87	47.718	0.26
156.6	3.25	0.84	47.733	0.25
156.65	3.12	0.98	47.748	0.3
156.7	3.56	0.94	47.764	0.29
156.75	3.78	1.12	47.779	0.34
156.8	3.39	4.5	47.794	1.37
156.85	3.7	1.61	47.809	0.49
156.9	3.35	2.13	47.825	0.65
156.95	3.67	1.42	47.84	0.43
157	3.84	0.73	47.855	0.22
157.05	3.42	1.74	47.87	0.53
157.1	3.71	2.08	47.886	0.64
157.15	3.35	2.24	47.901	0.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
157.2	3.18	2.47	47.916	0.75
157.25	3.59	2.87	47.931	0.87
157.3	3.79	2.5	47.947	0.76
157.35	3.9	2.22	47.962	0.68
157.4	3.95	1.65	47.977	0.5
157.46	3.97	2.35	47.992	0.71
157.51	3.99	2.62	48.008	0.8
157.56	3.99	2.01	48.023	0.61
157.61	4	1.37	48.038	0.42
157.66	4.5	1.98	48.053	0.6
157.71	4.25	1.83	48.068	0.56
157.76	4.12	1.51	48.084	0.46
157.81	4.06	1.95	48.099	0.59
157.86	4.03	0.99	48.114	0.3
157.91	4.02	1.12	48.129	0.34
157.96	3.51	2	48.145	0.61
158.01	3.25	1.84	48.16	0.56
158.06	3.63	2.23	48.175	0.68
158.11	3.81	1.73	48.19	0.53
158.16	3.91	3.33	48.206	1.01
158.21	3.95	1.95	48.221	0.6
158.26	3.98	4.64	48.236	1.41
158.31	3.99	2.03	48.251	0.62
158.36	3.49	1.88	48.267	0.57
158.41	3.25	2.13	48.282	0.65
158.46	3.12	2.33	48.297	0.71
158.51	3.06	2.02	48.312	0.62
158.56	3.03	2.36	48.328	0.72
158.61	3.02	3.08	48.343	0.94
158.66	3.01	2.65	48.358	0.81
158.71	3	2.21	48.373	0.67
158.76	3	3.48	48.389	1.06
158.81	3	1.94	48.404	0.59
158.86	3	3.59	48.419	1.09
158.91	3	2.38	48.434	0.73
158.96	3	1.69	48.45	0.51
159.01	3	2.65	48.465	0.81
159.06	3	1.51	48.48	0.46
159.11	3	2.43	48.495	0.74
159.16	3	1.48	48.51	0.45
159.21	3	2.03	48.526	0.62
159.26	3	2.06	48.541	0.63
159.31	3	2.13	48.556	0.65
159.36	3	2	48.571	0.61
159.41	3	2.8	48.587	0.85
159.46	3	2.31	48.602	0.7
159.51	3	2.01	48.617	0.61
159.56	3	2.61	48.632	0.8
159.61	3	2.57	48.648	0.78
159.66	3	2.54	48.663	0.77
159.71	3	3.08	48.678	0.94
159.76	3.5	2.46	48.693	0.75
159.81	3.75	2.86	48.709	0.87
159.86	3.38	1.89	48.724	0.58
159.91	3.69	3.14	48.739	0.96
159.96	3.34	1.78	48.754	0.54
160.01	3.17	3.7	48.77	1.13
160.06	3.09	1.67	48.785	0.51
160.11	3.04	1.77	48.8	0.54
160.16	3.02	1.48	48.815	0.45
160.21	3.01	1.53	48.831	0.47
160.26	3.01	1.21	48.846	0.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
160.31	3	1.22	48.861	0.37
160.36	3	1.17	48.876	0.36
160.41	3	1.32	48.891	0.4
160.46	3	1.59	48.907	0.49
160.51	3	1.48	48.922	0.45
160.56	3	2.18	48.937	0.66
160.61	3	2.48	48.952	0.75
160.66	3	1.84	48.968	0.56
160.71	3.5	2.16	48.983	0.66
160.76	3.75	2.09	48.998	0.64
160.81	3.88	1.92	49.013	0.58
160.86	3.94	1.82	49.029	0.56
160.91	3.97	1.9	49.044	0.58
160.96	3.98	2.27	49.059	0.69
161.01	3.99	1.95	49.074	0.6
161.06	4	2.49	49.09	0.76
161.11	4	1.74	49.105	0.53
161.16	4	2.13	49.12	0.65
161.21	4	2.37	49.135	0.72
161.26	4	3.28	49.151	1
161.31	4	2.45	49.166	0.75
161.36	3.5	1.87	49.181	0.57
161.41	3.25	2	49.196	0.61
161.46	3.62	2.14	49.212	0.65
161.51	3.81	2.04	49.227	0.62
161.56	3.91	2.01	49.242	0.61
161.61	3.95	2.27	49.257	0.69
161.66	3.98	1.97	49.273	0.6
161.71	3.49	2.37	49.288	0.72
161.76	3.74	2.37	49.303	0.72
161.81	3.87	2.66	49.318	0.81
161.86	3.94	0.84	49.333	0.26
161.91	3.97	3.78	49.349	1.15
161.96	4.48	1.74	49.364	0.53
162.01	4.24	1.19	49.379	0.36
162.06	4.12	1.19	49.394	0.36
162.11	4.06	3.51	49.41	1.07
162.16	4.03	1.59	49.425	0.49
162.21	4.02	2.83	49.44	0.86
162.26	4.01	1.6	49.455	0.49
162.31	4	3.15	49.471	0.96
162.36	4.5	2.58	49.486	0.79
162.41	4.75	2.61	49.501	0.8
162.46	4.38	2.48	49.516	0.76
162.51	4.19	4.55	49.532	1.39
162.56	4.09	1.84	49.547	0.56
162.61	4.05	2.1	49.562	0.64
162.66	4.02	1.77	49.577	0.54
162.71	4.01	3.25	49.593	0.99
162.76	4.01	2.22	49.608	0.68
162.81	4.5	1.6	49.623	0.49
162.86	4.75	2.81	49.638	0.86
162.91	4.88	2.09	49.654	0.64
162.96	4.44	2.19	49.669	0.67
163.01	4.72	1.56	49.684	0.47
163.06	4.86	1.46	49.699	0.45
163.11	5.43	0.69	49.715	0.21
163.16	6.21	1.71	49.73	0.52
163.21	7.11	1.03	49.745	0.31
163.26	7.55	2.16	49.76	0.66
163.31	6.78	1.51	49.775	0.46
163.36	5.39	2.26	49.791	0.69

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
163.41	4.69	1.66	49.806	0.51
163.46	4.35	1.98	49.821	0.6
163.51	3.67	1.27	49.836	0.39
163.56	3.34	3.05	49.852	0.93
163.61	3.67	2.37	49.867	0.72
163.66	3.83	2.1	49.882	0.64
163.71	3.92	2.67	49.897	0.81
163.76	3.96	3.51	49.913	1.07
163.81	3.48	1.97	49.928	0.6
163.86	3.24	1.75	49.943	0.53
163.91	3.12	1.71	49.958	0.52
163.96	3.06	1.72	49.974	0.52
164.01	3.03	2.06	49.989	0.63
164.06	3.51	4.42	50.004	1.35
164.11	3.26	2.92	50.019	0.89
164.16	3.13	2.03	50.035	0.62
164.21	3.06	2.4	50.05	0.73
164.26	3.53	1.61	50.065	0.49
164.31	3.27	3.84	50.08	1.17
164.36	3.63	1.45	50.096	0.44
164.41	3.82	2.7	50.111	0.82
164.46	3.91	2.27	50.126	0.69
164.51	3.95	1.85	50.141	0.56
164.56	3.98	1.66	50.156	0.51
164.61	3.49	2.06	50.172	0.63
164.66	3.24	2.41	50.187	0.73
164.71	3.62	2.43	50.202	0.74
164.76	3.31	2.02	50.217	0.61
164.81	3.16	1.96	50.233	0.6
164.86	3.58	1.98	50.248	0.6
164.91	3.29	2.7	50.263	0.82
164.96	3.14	2.06	50.278	0.63
165.01	3.57	3.14	50.294	0.96
165.06	3.79	2.21	50.309	0.67
165.11	3.39	2.02	50.324	0.61
165.16	3.2	2.05	50.339	0.62
165.21	3.1	3.21	50.355	0.98
165.26	3.05	2.45	50.37	0.75
165.31	3.52	1.51	50.385	0.46
165.36	3.76	2.06	50.4	0.63
165.41	3.88	2.23	50.416	0.68
165.46	3.44	3	50.431	0.91
165.51	3.22	2.38	50.446	0.73
165.56	3.61	2.01	50.461	0.61
165.61	3.31	1.59	50.477	0.49
165.66	3.15	1.28	50.492	0.39
165.71	3.58	1.72	50.507	0.52
165.76	3.79	2.05	50.522	0.62
165.81	3.89	1.68	50.538	0.51
165.86	3.45	1.72	50.553	0.52
165.91	3.22	1.78	50.568	0.54
165.96	3.11	1.75	50.583	0.53
166.01	3.06	1.48	50.598	0.45
166.06	3.03	1.82	50.614	0.55
166.11	3.51	1.77	50.629	0.54
166.16	3.76	1.72	50.644	0.52
166.21	3.38	1.64	50.659	0.5
166.26	3.19	2.24	50.675	0.68
166.31	3.59	1.63	50.69	0.5
166.36	3.3	2.17	50.705	0.66
166.41	3.15	1.87	50.72	0.57
166.46	3.07	1.87	50.736	0.57

US EPA ARCHIVE DOCUMENT

TS1-05

DATA FILE				
depth (ft)	cond	rate (ft/m)	metric depth	metric rate
166.51	3.04	1.67	50.751	0.51
166.56	3.52	2.25	50.766	0.69
166.61	3.26	1.48	50.781	0.45
166.66	3.13	1.8	50.797	0.55
166.71	3.56	1.07	50.812	0.33
166.76	3.28	1.74	50.827	0.53
166.81	3.14	1.03	50.842	0.32

US EPA ARCHIVE DOCUMENT

C:\COND\LOGFILES\EC0687.INF TS2-02

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 19:14

TS2-02

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	3.5	2.98	0	0.91
0.05	9.25	5.05	0.015	1.54
0.1	14.12	6.41	0.03	1.95
0.15	19.56	7	0.046	2.13
0.2	21.78	6.62	0.061	2.02
0.25	21.39	7.32	0.076	2.23
0.3	18.7	7.35	0.091	2.24
0.35	16.35	6.75	0.107	2.06
0.4	14.67	6.91	0.122	2.11
0.45	16.84	7.15	0.137	2.18
0.5	18.42	8.13	0.152	2.48
0.55	18.21	11.19	0.168	3.41
0.6	18.1	12.32	0.183	3.76
0.65	18.05	15.63	0.198	4.77
0.7	18.03	14.81	0.213	4.51
0.75	19.51	17.12	0.229	5.22
0.8	22.26	16.68	0.244	5.08
0.85	28.13	19.85	0.259	6.05
0.9	30.06	17.43	0.274	5.31
0.95	29.03	18.52	0.29	5.64
1	27.52	18.89	0.305	5.76
1.05	25.26	16.87	0.32	5.14
1.1	25.63	18.27	0.335	5.57
1.15	25.81	19.12	0.351	5.83
1.2	28.41	17.09	0.366	5.21
1.25	31.7	16.95	0.381	5.17
1.3	35.35	15.61	0.396	4.76
1.35	36.68	16.9	0.411	5.15
1.4	37.84	15.86	0.427	4.83
1.45	37.92	14.62	0.442	4.46
1.5	38.96	8.37	0.457	2.55
1.55	38.98	7.44	0.472	2.27
1.6	23.99	9.3	0.488	2.83
1.65	30.99	3.88	0.503	1.18
1.7	34.5	3.69	0.518	1.12
1.75	35.75	4.98	0.533	1.52
1.8	21.37	4.97	0.549	1.52
1.85	18.69	4.38	0.564	1.34
1.9	22.84	5.88	0.579	1.79
1.95	14.92	5.87	0.594	1.79
2	11.46	5.87	0.61	1.79
2.05	13.73	5.75	0.625	1.75
2.1	12.37	7.29	0.64	2.22
2.15	17.18	6.86	0.655	2.09

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	16.59	6.3	0.671	1.92
2.25	12.8	6.32	0.686	1.93
2.3	15.9	6.48	0.701	1.98
2.35	14.45	6.1	0.716	1.86
2.4	14.72	5.29	0.732	1.61
2.45	14.86	6.49	0.747	1.98
2.5	12.43	6.22	0.762	1.9
2.55	12.72	5.75	0.777	1.75
2.6	14.86	5.05	0.792	1.54
2.65	20.43	2.02	0.808	0.62
2.7	23.21	4.03	0.823	1.23
2.75	16.61	2.66	0.838	0.81
2.8	13.8	4.43	0.853	1.35
2.85	13.4	5.45	0.869	1.66
2.9	12.7	6.67	0.884	2.03
2.95	8.85	8.69	0.899	2.65
3	6.43	9.49	0.914	2.89
3.05	5.21	14.38	0.93	4.38
3.1	7.11	15.96	0.945	4.86
3.15	14.05	16.25	0.96	4.95
3.2	17.03	17.45	0.975	5.32
3.25	12.51	21.45	0.991	6.54
3.3	13.76	20.38	1.006	6.21
3.35	14.38	21.47	1.021	6.54
3.4	17.19	19.8	1.036	6.04
3.45	19.59	22.7	1.052	6.92
3.5	18.3	20.34	1.067	6.2
3.55	16.15	19.99	1.082	6.09
3.6	16.57	18.96	1.097	5.78
3.65	16.79	20.07	1.113	6.12
3.7	17.39	18.48	1.128	5.63
3.75	15.7	18.15	1.143	5.53
3.8	15.35	19.29	1.158	5.88
3.85	16.17	18.79	1.173	5.73
3.9	16.59	18.11	1.189	5.52
3.95	17.79	19.56	1.204	5.96
4	17.4	21.45	1.219	6.54
4.05	18.2	18.76	1.234	5.72
4.1	18.1	22.35	1.25	6.81
4.15	17.55	18.71	1.265	5.7
4.2	15.77	18.77	1.28	5.72
4.25	15.39	19.89	1.295	6.06
4.3	15.69	21	1.311	6.4
4.35	15.85	19.83	1.326	6.04
4.4	17.42	22.04	1.341	6.72
4.45	17.21	19.38	1.356	5.91
4.5	17.11	18.77	1.372	5.72
4.55	16.55	20.89	1.387	6.37
4.6	15.78	23.42	1.402	7.14
4.65	14.39	18.78	1.417	5.72
4.7	15.69	20.16	1.433	6.14
4.75	16.35	19.29	1.448	5.88
4.8	16.67	16.41	1.463	5
4.85	17.34	20.27	1.478	6.18
4.9	17.17	16.7	1.494	5.09
4.95	15.08	17.05	1.509	5.2
5	15.54	17.66	1.524	5.38
5.05	14.77	18.15	1.539	5.53
5.1	16.39	17.98	1.554	5.48

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.15	18.19	17.52	1.57	5.34
5.2	18.1	18.15	1.585	5.53
5.25	17.55	22.48	1.6	6.85
5.3	15.27	19.04	1.615	5.8
5.35	15.64	19.09	1.631	5.82
5.4	15.32	19.7	1.646	6
5.45	15.16	21.58	1.661	6.58
5.5	15.08	19.03	1.676	5.8
5.55	15.54	19.44	1.692	5.92
5.6	17.27	19.22	1.707	5.86
5.65	16.63	20.56	1.722	6.27
5.7	15.82	19.14	1.737	5.83
5.75	14.41	21.84	1.753	6.66
5.8	14.7	18.74	1.768	5.71
5.85	14.35	21.52	1.783	6.56
5.9	14.68	17.85	1.798	5.44
5.95	15.84	19.3	1.814	5.88
6	14.42	18.67	1.829	5.69
6.05	14.71	16.48	1.844	5.02
6.1	14.35	18.82	1.859	5.74
6.15	14.68	18.65	1.875	5.68
6.2	14.34	19.04	1.89	5.8
6.25	12.17	18.85	1.905	5.75
6.3	11.08	18.51	1.92	5.64
6.35	11.04	19.34	1.935	5.89
6.4	11.02	18.75	1.951	5.72
6.45	12.01	18.75	1.966	5.71
6.5	12.51	18.89	1.981	5.76
6.55	13.75	18.65	1.996	5.68
6.6	15.38	17.21	2.012	5.24
6.65	15.19	17.1	2.027	5.21
6.7	14.59	16.23	2.042	4.95
6.75	16.8	16.74	2.057	5.1
6.8	13.9	16.21	2.073	4.94
6.85	12.95	15.21	2.088	4.63
6.9	15.47	16.56	2.103	5.05
6.95	16.24	15.52	2.118	4.73
7	16.12	16.41	2.134	5
7.05	13.06	16.74	2.149	5.1
7.1	12.03	17.2	2.164	5.24
7.15	17.01	17.21	2.179	5.24
7.2	19.51	15.96	2.195	4.86
7.25	21.25	16.81	2.21	5.12
7.3	19.63	17.54	2.225	5.34
7.35	19.81	17	2.24	5.18
7.4	21.41	16.8	2.256	5.12
7.45	23.2	14.4	2.271	4.39
7.5	25.6	8.28	2.286	2.52
7.55	26.3	10.69	2.301	3.26
7.6	27.15	12.19	2.316	3.71
7.65	27.58	12.27	2.332	3.74
7.7	24.29	6.98	2.347	2.13
7.75	24.64	3.54	2.362	1.08
7.8	25.82	5.12	2.377	1.56
7.85	19.91	6.1	2.393	1.86
7.9	20.46	5.95	2.408	1.81
7.95	24.73	11.74	2.423	3.58
8	20.86	8.69	2.438	2.65
8.05	10.93	10.85	2.454	3.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.1	5.97	9.3	2.469	2.83
8.15	15.48	12.01	2.484	3.66
8.2	19.74	11.98	2.499	3.65
8.25	18.87	12.2	2.515	3.72
8.3	15.94	10.1	2.53	3.08
8.35	19.97	14.8	2.545	4.51
8.4	23.98	12.99	2.56	3.96
8.45	26.99	16.08	2.576	4.9
8.5	27.5	15.43	2.591	4.7
8.55	25.75	18.67	2.606	5.69
8.6	24.87	16.84	2.621	5.13
8.65	23.94	16.14	2.637	4.92
8.7	24.47	14.54	2.652	4.43
8.75	25.73	13.8	2.667	4.21
8.8	26.87	12.98	2.682	3.95
8.85	28.43	15.09	2.697	4.6
8.9	30.22	15.8	2.713	4.82
8.95	31.11	14.89	2.728	4.54
9	30.05	18.1	2.743	5.52
9.05	28.03	15.99	2.758	4.87
9.1	26.01	15.88	2.774	4.84
9.15	24.51	16.28	2.789	4.96
9.2	26.25	19.98	2.804	6.09
9.25	29.13	16.01	2.819	4.88
9.3	32.06	18.97	2.835	5.78
9.35	31.03	16.94	2.85	5.16
9.4	30.52	18.31	2.865	5.58
9.45	29.76	18.14	2.88	5.53
9.5	27.88	17.05	2.896	5.2
9.55	26.44	18.31	2.911	5.58
9.6	24.72	19.59	2.926	5.97
9.65	23.36	17.25	2.941	5.26
9.7	22.18	19.11	2.957	5.83
9.75	22.59	17.07	2.972	5.2
9.8	23.29	15.77	2.987	4.81
9.85	24.65	16.61	3.002	5.06
9.9	26.32	15.43	3.018	4.7
9.95	28.66	15.93	3.033	4.86
10	31.33	13.82	3.048	4.21
10.05	32.17	15.28	3.063	4.66
10.1	32.08	16.03	3.078	4.89
10.15	31.04	16.46	3.094	5.02
10.2	29.52	16.99	3.109	5.18
10.25	28.76	16.35	3.124	4.98
10.3	29.38	16.49	3.139	5.03
10.35	29.69	16.96	3.155	5.17
10.4	29.85	17.38	3.17	5.3
10.45	29.92	21.33	3.185	6.5
10.5	29.46	18.22	3.2	5.55
10.55	29.73	18.41	3.216	5.61
10.6	30.87	18.61	3.231	5.67
10.65	31.43	21.19	3.246	6.46
10.7	32.72	19.89	3.261	6.06
10.75	31.86	19.89	3.277	6.06
10.8	29.93	20.05	3.292	6.11
10.85	27.96	21.12	3.307	6.44
10.9	25.98	19.52	3.322	5.95
10.95	25.99	20.62	3.338	6.29
11	26.5	18.32	3.353	5.58

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.05	28.75	21.81	3.368	6.65
11.1	30.87	18.01	3.383	5.49
11.15	31.94	18.47	3.399	5.63
11.2	30.97	20	3.414	6.1
11.25	28.48	17.48	3.429	5.33
11.3	25.24	18.85	3.444	5.74
11.35	19.62	18.71	3.459	5.7
11.4	16.31	20.04	3.475	6.11
11.45	14.66	19.96	3.49	6.08
11.5	16.33	19.65	3.505	5.99
11.55	18.16	19.85	3.52	6.05
11.6	20.58	20.43	3.536	6.23
11.65	23.29	20.75	3.551	6.32
11.7	26.65	20.77	3.566	6.33
11.75	27.82	20.47	3.581	6.24
11.8	28.41	20.3	3.597	6.19
11.85	27.71	20.65	3.612	6.29
11.9	26.85	20.99	3.627	6.4
11.95	25.93	19.99	3.642	6.09
12	26.96	19.38	3.658	5.91
12.05	26.48	19.83	3.673	6.04
12.1	26.74	20.16	3.688	6.14
12.15	24.37	19.25	3.703	5.87
12.2	19.19	19.03	3.719	5.8
12.25	16.59	19.63	3.734	5.98
12.3	15.8	18.77	3.749	5.72
12.35	15.4	18.45	3.764	5.62
12.4	15.2	18.01	3.78	5.49
12.45	14.1	18.65	3.795	5.68
12.5	13.05	18.89	3.81	5.76
12.55	11.52	19.47	3.825	5.94
12.6	11.26	18.68	3.84	5.69
12.65	11.13	15.25	3.856	4.65
12.7	12.57	1.59	3.871	0.48
12.75	16.28	3.57	3.886	1.09
12.8	20.14	6.41	3.901	1.95
12.85	23.57	9.3	3.917	2.83
12.9	26.79	12.95	3.932	3.95
12.95	26.89	13.4	3.947	4.09
13	27.45	13.96	3.962	4.25
13.05	27.72	20.64	3.978	6.29
13.1	27.86	18.62	3.993	5.67
13.15	28.93	20.74	4.008	6.32
13.2	28.97	19.37	4.023	5.9
13.25	25.98	22.79	4.039	6.95
13.3	23.99	20.52	4.054	6.25
13.35	23.5	23.71	4.069	7.23
13.4	24.25	20.38	4.084	6.21
13.45	24.62	22.3	4.1	6.8
13.5	25.31	18.72	4.115	5.71
13.55	27.16	17.5	4.13	5.33
13.6	28.58	20.63	4.145	6.29
13.65	28.29	21.88	4.161	6.67
13.7	28.14	21.83	4.176	6.66
13.75	26.57	23.97	4.191	7.31
13.8	25.79	17.68	4.206	5.39
13.85	25.39	17.78	4.221	5.42
13.9	25.7	16.66	4.237	5.08
13.95	25.85	19.23	4.252	5.86

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14	25.92	24.37	4.267	7.43
14.05	25.46	19.52	4.282	5.95
14.1	25.23	21.64	4.298	6.6
14.15	25.12	19.47	4.313	5.94
14.2	25.06	20.12	4.328	6.13
14.25	25.03	19.67	4.343	6
14.3	25.01	22.5	4.359	6.86
14.35	25.51	19.42	4.374	5.92
14.4	26.75	21.48	4.389	6.55
14.45	28.38	19.19	4.404	5.85
14.5	28.19	20.23	4.42	6.17
14.55	27.09	21.45	4.435	6.54
14.6	26.05	23.44	4.45	7.15
14.65	26.02	21.48	4.465	6.55
14.7	27.01	21.78	4.481	6.64
14.75	28.01	20.61	4.496	6.28
14.8	28.5	18.88	4.511	5.76
14.85	27.75	18.47	4.526	5.63
14.9	25.88	21.69	4.542	6.61
14.95	23.94	19.68	4.557	6
15	22.47	23.36	4.572	7.12
15.05	22.23	20.63	4.587	6.29
15.1	22.62	18.79	4.602	5.73
15.15	24.31	18.23	4.618	5.56
15.2	25.15	17.29	4.633	5.27
15.25	26.08	21.31	4.648	6.49
15.3	26.54	19.73	4.663	6.01
15.35	26.77	19.27	4.679	5.87
15.4	26.38	20.01	4.694	6.1
15.45	26.19	21.34	4.709	6.51
15.5	26.1	20.27	4.724	6.18
15.55	26.05	21.58	4.74	6.58
15.6	26.52	20.19	4.755	6.15
15.65	26.26	22.07	4.77	6.73
15.7	26.63	20.21	4.785	6.16
15.75	26.82	20.62	4.801	6.28
15.8	27.41	20.55	4.816	6.26
15.85	27.2	21.45	4.831	6.54
15.9	27.1	20.55	4.846	6.26
15.95	27.55	21.16	4.862	6.45
16	27.28	19.69	4.877	6
16.05	27.14	21.94	4.892	6.69
16.1	27.57	19.81	4.907	6.04
16.15	27.78	19.16	4.923	5.84
16.2	27.89	20.8	4.938	6.34
16.25	27.95	19.57	4.953	5.96
16.3	26.97	18.95	4.968	5.78
16.35	26.49	18.08	4.983	5.51
16.4	25.74	18.72	4.999	5.71
16.45	24.87	17.92	5.014	5.46
16.5	24.44	20.16	5.029	6.14
16.55	24.22	19.02	5.044	5.8
16.6	24.11	19.17	5.06	5.84
16.65	24.05	19.28	5.075	5.88
16.7	24.03	19.84	5.09	6.05
16.75	24.01	19.25	5.105	5.87
16.8	24.51	19.39	5.121	5.91
16.85	24.25	19.49	5.136	5.94
16.9	23.63	20.13	5.151	6.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
16.95	23.81	19.92	5.166	6.07
17	23.91	20.01	5.182	6.1
17.05	24.95	19.39	5.197	5.91
17.1	25.98	20.29	5.212	6.18
17.15	26.99	19.55	5.227	5.96
17.2	26.99	18.7	5.243	5.7
17.25	26.5	19.03	5.258	5.8
17.3	26.25	19.45	5.273	5.93
17.35	26.12	19.78	5.288	6.03
17.4	27.56	19.97	5.304	6.09
17.45	26.78	19.26	5.319	5.87
17.5	25.39	19.66	5.334	5.99
17.55	24.7	19.4	5.349	5.91
17.6	25.35	19.38	5.364	5.91
17.65	24.67	18.68	5.38	5.69
17.7	23.84	0.3	5.395	0.09
17.75	23.42	3.67	5.41	1.12
17.8	23.71	5.83	5.425	1.78
17.85	23.35	6.35	5.441	1.94
17.9	22.68	7.51	5.456	2.29
17.95	22.84	13.18	5.471	4.02
18	22.92	11.03	5.486	3.36
18.05	22.46	4.71	5.502	1.44
18.1	22.23	5.68	5.517	1.73
18.15	22.61	11.78	5.532	3.59
18.2	22.81	12.33	5.547	3.76
18.25	23.9	15.56	5.563	4.74
18.3	22.95	15.11	5.578	4.61
18.35	22.48	17.71	5.593	5.4
18.4	22.24	18.59	5.608	5.67
18.45	22.62	20.67	5.624	6.3
18.5	22.31	20.15	5.639	6.14
18.55	22.65	22.75	5.654	6.93
18.6	22.33	17.96	5.669	5.47
18.65	21.66	21.51	5.685	6.56
18.7	20.83	21.67	5.7	6.6
18.75	20.42	24.6	5.715	7.5
18.8	19.71	21.81	5.73	6.65
18.85	19.35	22.32	5.745	6.8
18.9	19.18	19.82	5.761	6.04
18.95	19.09	19.53	5.776	5.95
19	19.04	19.81	5.791	6.04
19.05	19.02	18.34	5.806	5.59
19.1	19.01	22.29	5.822	6.79
19.15	19.01	19.74	5.837	6.02
19.2	19	23.55	5.852	7.18
19.25	19	19.4	5.867	5.91
19.3	19	22.47	5.883	6.85
19.35	19	19.6	5.898	5.97
19.4	19.5	23.91	5.913	7.29
19.45	19.25	21.21	5.928	6.47
19.5	20.13	20.65	5.944	6.29
19.55	20.56	21.56	5.959	6.57
19.6	20.78	20.94	5.974	6.38
19.65	20.39	19.91	5.989	6.07
19.7	20.2	22.21	6.005	6.77
19.75	20.1	20.27	6.02	6.18
19.8	20.55	23.04	6.035	7.02
19.85	20.77	21.68	6.05	6.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
19.9	20.39	20.58	6.066	6.27
19.95	20.69	18.88	6.081	5.76
20	20.35	21.21	6.096	6.46
20.05	20.17	17.76	6.111	5.41
20.1	20.09	17.82	6.126	5.43
20.15	19.54	19.38	6.142	5.91
20.2	19.77	19.08	6.157	5.81
20.25	19.89	20.84	6.172	6.35
20.3	19.94	19.21	6.187	5.86
20.35	19.97	18.87	6.203	5.75
20.4	19.99	18.49	6.218	5.63
20.45	19.99	18.88	6.233	5.75
20.5	16	19.02	6.248	5.8
20.55	13.5	18.93	6.264	5.77
20.6	11.75	19.48	6.279	5.94
20.65	10.37	21.79	6.294	6.64
20.7	10.19	19.09	6.309	5.82
20.75	10.09	21.08	6.325	6.42
20.8	10.55	19.48	6.34	5.94
20.85	10.77	21.53	6.355	6.56
20.9	10.39	19.76	6.37	6.02
20.95	10.19	19.63	6.386	5.98
21	10.1	20.01	6.401	6.1
21.05	10.55	20.96	6.416	6.39
21.1	10.27	19.99	6.431	6.09
21.15	10.14	19.56	6.447	5.96
21.2	10.57	19.26	6.462	5.87
21.25	10.28	17.46	6.477	5.32
21.3	10.14	19.72	6.492	6.01
21.35	10.07	19.71	6.507	6.01
21.4	10.04	18.47	6.523	5.63
21.45	10.52	18.41	6.538	5.61
21.5	11.26	18.07	6.553	5.51
21.55	11.13	18.11	6.568	5.52
21.6	10.56	18.55	6.584	5.65
21.65	10.28	17.72	6.599	5.4
21.7	10.64	18.3	6.614	5.58
21.75	10.82	18.31	6.629	5.58
21.8	13.91	19.49	6.645	5.94
21.85	12.96	18.59	6.66	5.67
21.9	15.48	19.23	6.675	5.86
21.95	15.74	18.87	6.69	5.75
22	13.37	18.96	6.706	5.78
22.05	12.18	19.05	6.721	5.81
22.1	12.59	19.43	6.736	5.92
22.15	11.3	18.72	6.751	5.71
22.2	11.15	18.62	6.767	5.67
22.25	10.57	17.25	6.782	5.26
22.3	10.29	16.55	6.797	5.04
22.35	10.64	15.95	6.812	4.86
22.4	13.82	17.38	6.828	5.3
22.45	17.41	18.85	6.843	5.75
22.5	19.71	19.51	6.858	5.95
22.55	20.35	16.89	6.873	5.15
22.6	20.68	14.69	6.888	4.48
22.65	21.84	13.18	6.904	4.02
22.7	22.42	0	6.919	0
22.75	22.21	2.57	6.934	0.78
22.8	23.1	2.74	6.949	0.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
22.85	19.55	2.31	6.965	0.7
22.9	19.78	4.03	6.98	1.23
22.95	18.89	6.34	6.995	1.93
23	13.94	6.28	7.01	1.91
23.05	10.97	9	7.026	2.74
23.1	9.99	6.64	7.041	2.02
23.15	8.49	8.9	7.056	2.71
23.2	8.25	7.97	7.071	2.43
23.25	8.12	6.92	7.087	2.11
23.3	8.06	8.46	7.102	2.58
23.35	7.53	11.64	7.117	3.55
23.4	7.27	12.47	7.132	3.8
23.45	7.63	15.48	7.148	4.72
23.5	7.82	15.14	7.163	4.61
23.55	7.91	14.24	7.178	4.34
23.6	7.95	14.94	7.193	4.55
23.65	7.48	16.45	7.208	5.02
23.7	8.24	19.44	7.224	5.93
23.75	8.12	17.74	7.239	5.41
23.8	8.56	16.37	7.254	4.99
23.85	8.28	11.04	7.269	3.36
23.9	8.14	16.41	7.285	5
23.95	8.07	12.83	7.3	3.91
24	8.53	12.85	7.315	3.92
24.05	9.77	10.9	7.33	3.32
24.1	9.38	10.55	7.346	3.22
24.15	9.19	11.28	7.361	3.44
24.2	11.6	13.14	7.376	4.01
24.25	12.3	13.93	7.391	4.25
24.3	12.15	14.48	7.407	4.41
24.35	11.57	16.68	7.422	5.08
24.4	11.79	17.8	7.437	5.42
24.45	11.39	16.56	7.452	5.05
24.5	11.2	15.46	7.468	4.71
24.55	10.6	17.19	7.483	5.24
24.6	10.8	19.72	7.498	6.01
24.65	10.9	18.14	7.513	5.53
24.7	10.95	19.34	7.529	5.89
24.75	10.97	18.45	7.544	5.62
24.8	9.99	18.79	7.559	5.73
24.85	8.99	16.32	7.574	4.97
24.9	8	19.84	7.589	6.05
24.95	7.5	15.25	7.605	4.65
25	8.25	17.82	7.62	5.43
25.05	8.62	17.26	7.635	5.26
25.1	9.31	18.57	7.65	5.66
25.15	10.16	15.43	7.666	4.7
25.2	11.58	13.81	7.681	4.21
25.25	12.79	14.85	7.696	4.53
25.3	14.89	15.87	7.711	4.84
25.35	16.95	14.86	7.727	4.53
25.4	18.97	14.92	7.742	4.55
25.45	19.99	15.82	7.757	4.82
25.5	20.99	15.43	7.772	4.7
25.55	21	15.2	7.788	4.63
25.6	20.5	14.99	7.803	4.57
25.65	20.75	18.02	7.818	5.49
25.7	20.87	16.05	7.833	4.89
25.75	20.94	16.8	7.849	5.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
25.8	20.97	14.53	7.864	4.43
25.85	20.98	18.79	7.879	5.73
25.9	20.99	17.36	7.894	5.29
25.95	21	15.27	7.91	4.65
26	21	17.56	7.925	5.35
26.05	20.5	17.41	7.94	5.31
26.1	20.25	15.6	7.955	4.76
26.15	20.12	15.4	7.97	4.69
26.2	20.06	16.34	7.986	4.98
26.25	20.53	18.7	8.001	5.7
26.3	20.77	14.86	8.016	4.53
26.35	20.88	15.63	8.031	4.76
26.4	21.44	16.67	8.047	5.08
26.45	21.72	13.24	8.062	4.04
26.5	21.36	15.67	8.077	4.78
26.55	21.18	14.66	8.092	4.47
26.6	21.09	15.38	8.108	4.69
26.65	21.05	15.11	8.123	4.61
26.7	21.02	15.01	8.138	4.58
26.75	21.01	14.61	8.153	4.45
26.8	21.01	15.61	8.169	4.76
26.85	20.5	16.61	8.184	5.06
26.9	20.25	14.72	8.199	4.49
26.95	20.13	16.94	8.214	5.16
27	20.06	16.74	8.23	5.1
27.05	20.03	16.02	8.245	4.88
27.1	20.02	16.82	8.26	5.13
27.15	19.51	16.59	8.275	5.06
27.2	19.25	16.3	8.291	4.97
27.25	19.13	14.97	8.306	4.56
27.3	19.06	17.32	8.321	5.28
27.35	19.03	17.73	8.336	5.4
27.4	19.02	15.19	8.351	4.63
27.45	19.01	15.2	8.367	4.63
27.5	19	16.13	8.382	4.92
27.55	19.5	15.3	8.397	4.66
27.6	19.75	15.08	8.412	4.6
27.65	19.88	12.99	8.428	3.96
27.7	19.44	9	8.443	2.74
27.75	19.22	2.84	8.458	0.87
27.8	19.61	6.54	8.473	1.99
27.85	19.8	7.37	8.489	2.25
27.9	19.9	8.81	8.504	2.69
27.95	19.95	13.78	8.519	4.2
28	20.48	12.23	8.534	3.73
28.05	20.74	3.19	8.55	0.97
28.1	21.37	5.84	8.565	1.78
28.15	21.68	9.67	8.58	2.95
28.2	21.84	7.33	8.595	2.24
28.25	21.42	7.63	8.611	2.33
28.3	21.21	6.75	8.626	2.06
28.35	22.11	10.06	8.641	3.07
28.4	23.05	10.14	8.656	3.09
28.45	21.53	8.5	8.672	2.59
28.5	19.76	10.82	8.687	3.3
28.55	17.88	12.3	8.702	3.75
28.6	17.94	12.83	8.717	3.91
28.65	20.47	14.72	8.732	4.49
28.7	21.74	15.86	8.748	4.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
28.75	23.37	14.45	8.763	4.41
28.8	23.68	17.34	8.778	5.28
28.85	23.84	18.81	8.793	5.73
28.9	17.42	18.55	8.809	5.65
28.95	14.21	13.89	8.824	4.23
29	13.11	13.58	8.839	4.14
29.05	14.55	14.36	8.854	4.38
29.1	14.78	14.43	8.87	4.4
29.15	12.89	13.9	8.885	4.24
29.2	11.44	16.98	8.9	5.18
29.25	15.22	15.16	8.915	4.62
29.3	12.61	14.48	8.931	4.41
29.35	11.31	14.4	8.946	4.39
29.4	10.65	14.47	8.961	4.41
29.45	9.83	15.09	8.976	4.6
29.5	10.41	13.74	8.992	4.19
29.55	10.21	13.61	9.007	4.15
29.6	10.6	16.71	9.022	5.09
29.65	10.3	14.72	9.037	4.49
29.7	10.65	14.75	9.053	4.5
29.75	10.33	11.29	9.068	3.44
29.8	10.66	13.59	9.083	4.14
29.85	10.83	12.55	9.098	3.82
29.9	10.42	13.39	9.113	4.08
29.95	15.21	15.26	9.129	4.65
30	13.6	17.69	9.144	5.39
30.05	11.8	14.83	9.159	4.52
30.1	16.4	12.97	9.174	3.95
30.15	12.7	13.25	9.19	4.04
30.2	11.35	16.57	9.205	5.05
30.25	10.68	13.79	9.22	4.2
30.3	9.84	14.52	9.235	4.42
30.35	9.92	15.48	9.251	4.72
30.4	10.96	16.24	9.266	4.95
30.45	10.98	16.2	9.281	4.94
30.5	13.99	15.28	9.296	4.66
30.55	15.49	16.33	9.312	4.98
30.6	15.75	15.78	9.327	4.81
30.65	15.87	14.93	9.342	4.55
30.7	16.44	17.48	9.357	5.33
30.75	16.72	16.73	9.373	5.1
30.8	16.86	15.89	9.388	4.84
30.85	16.93	17.35	9.403	5.29
30.9	16.96	16.43	9.418	5.01
30.95	17.48	18.16	9.434	5.54
31	17.74	17.53	9.449	5.34
31.05	18.37	18.27	9.464	5.57
31.1	18.69	16.17	9.479	4.93
31.15	19.34	16.31	9.494	4.97
31.2	19.67	16.12	9.51	4.91
31.25	19.84	17	9.525	5.18
31.3	19.92	16.75	9.54	5.1
31.35	19.96	16.77	9.555	5.11
31.4	19.98	15.94	9.571	4.86
31.45	19.99	17.67	9.586	5.38
31.5	20.49	14.97	9.601	4.56
31.55	20.75	15.14	9.616	4.62
31.6	20.87	15.84	9.632	4.83
31.65	20.94	15.41	9.647	4.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
31.7	21.47	16.43	9.662	5.01
31.75	21.73	15.08	9.677	4.6
31.8	21.87	16.15	9.693	4.92
31.85	22.43	15.45	9.708	4.71
31.9	22.72	15.66	9.723	4.77
31.95	22.86	16.04	9.738	4.89
32	22.93	15.11	9.754	4.61
32.05	22.96	14.69	9.769	4.48
32.1	22.98	16.51	9.784	5.03
32.15	22.99	15.1	9.799	4.6
32.2	23	16.95	9.814	5.17
32.25	23	16.08	9.83	4.9
32.3	23	16.22	9.845	4.94
32.35	23	14.61	9.86	4.45
32.4	23	16.63	9.875	5.07
32.45	23	16.07	9.891	4.9
32.5	23	16.51	9.906	5.03
32.55	23	15.16	9.921	4.62
32.6	23	15.53	9.936	4.73
32.65	22.5	6.57	9.952	2
32.7	22.25	9.84	9.967	3
32.75	22.12	9.55	9.982	2.91
32.8	22.06	5.43	9.997	1.66
32.85	22.03	7.11	10.013	2.17
32.9	22.02	9.1	10.028	2.77
32.95	22.01	16.72	10.043	5.1
33	22	13.15	10.058	4.01
33.05	22	16.84	10.074	5.13
33.1	22	15.5	10.089	4.73
33.15	22	22.27	10.104	6.79
33.2	22.5	16.9	10.119	5.15
33.25	22.75	21.07	10.135	6.42
33.3	22.88	19.93	10.15	6.07
33.35	23.44	23.21	10.165	7.08
33.4	23.22	19.86	10.18	6.05
33.45	23.11	20.2	10.195	6.16
33.5	23.05	20.97	10.211	6.39
33.55	23.53	23.54	10.226	7.17
33.6	23.76	20.23	10.241	6.17
33.65	24.38	19.79	10.256	6.03
33.7	24.69	19.82	10.272	6.04
33.75	24.85	21.5	10.287	6.55
33.8	24.92	20.32	10.302	6.19
33.85	24.96	17.01	10.317	5.19
33.9	25.48	21.46	10.333	6.54
33.95	26.24	23.74	10.348	7.23
34	26.12	20.78	10.363	6.33
34.05	26.56	15.55	10.378	4.74
34.1	27.28	16.36	10.394	4.99
34.15	27.14	16	10.409	4.88
34.2	27.57	20.34	10.424	6.2
34.25	27.79	17.48	10.439	5.33
34.3	28.39	17.82	10.455	5.43
34.35	28.7	17.64	10.47	5.38
34.4	28.85	16.77	10.485	5.11
34.45	28.92	18.39	10.5	5.61
34.5	28.46	17.63	10.516	5.37
34.55	28.23	19.3	10.531	5.88
34.6	28.12	20.13	10.546	6.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
34.65	28.06	18.31	10.561	5.58
34.7	28.03	20.76	10.576	6.33
34.75	28.01	19.09	10.592	5.82
34.8	28.01	21.79	10.607	6.64
34.85	28.5	19.87	10.622	6.06
34.9	28.25	22.84	10.637	6.96
34.95	29.13	20.78	10.653	6.33
35	30.56	21.2	10.668	6.46
35.05	31.28	19.62	10.683	5.98
35.1	31.64	19.52	10.698	5.95
35.15	30.82	19.75	10.714	6.02
35.2	29.41	23.58	10.729	7.19
35.25	28.21	20.1	10.744	6.13
35.3	27.1	20.44	10.759	6.23
35.35	26.55	20.39	10.775	6.21
35.4	26.28	18.51	10.79	5.64
35.45	26.14	18.66	10.805	5.69
35.5	26.57	16.84	10.82	5.13
35.55	26.28	18.51	10.836	5.64
35.6	26.14	18.05	10.851	5.5
35.65	26.07	20.1	10.866	6.13
35.7	26.04	17.96	10.881	5.47
35.75	26.52	17.58	10.897	5.36
35.8	26.76	18.38	10.912	5.6
35.85	27.38	18.5	10.927	5.64
35.9	27.69	18.49	10.942	5.64
35.95	27.34	18.67	10.957	5.69
36	26.67	19.08	10.973	5.82
36.05	25.84	19.35	10.988	5.9
36.1	25.42	19.53	11.003	5.95
36.15	25.21	19.5	11.018	5.94
36.2	26.1	19.26	11.034	5.87
36.25	27.05	21.09	11.049	6.43
36.3	27.53	19.05	11.064	5.81
36.35	27.26	19.26	11.079	5.87
36.4	27.13	19.84	11.095	6.05
36.45	27.57	19.64	11.11	5.99
36.5	27.28	20.3	11.125	6.19
36.55	27.14	20.56	11.14	6.27
36.6	27.57	19.06	11.156	5.81
36.65	28.79	18.1	11.171	5.52
36.7	31.89	18.29	11.186	5.58
36.75	34.95	18.19	11.201	5.55
36.8	36.47	19.07	11.217	5.81
36.85	37.74	19.43	11.232	5.92
36.9	38.87	18.85	11.247	5.75
36.95	39.43	19.49	11.262	5.94
37	40.22	19.16	11.278	5.84
37.05	41.11	19.06	11.293	5.81
37.1	41.05	18.72	11.308	5.71
37.15	40.53	18.65	11.323	5.68
37.2	40.26	18.85	11.338	5.74
37.25	40.13	17.98	11.354	5.48
37.3	39.57	17.62	11.369	5.37
37.35	39.28	17.39	11.384	5.3
37.4	39.14	17.47	11.399	5.32
37.45	39.07	16.95	11.415	5.17
37.5	39.54	14.85	11.43	4.53
37.55	39.27	13.43	11.445	4.09

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
37.6	38.13	12.63	11.46	3.85
37.65	36.57	2.09	11.476	0.64
37.7	35.78	3.73	11.491	1.14
37.75	34.89	4.34	11.506	1.32
37.8	40.95	5.12	11.521	1.56
37.85	38.47	4.13	11.537	1.26
37.9	37.24	7.35	11.552	2.24
37.95	36.62	7.98	11.567	2.43
38	36.81	6.82	11.582	2.08
38.05	36.9	7.41	11.598	2.26
38.1	37.95	7.02	11.613	2.14
38.15	37.98	9.92	11.628	3.02
38.2	37.49	7.09	11.643	2.16
38.25	36.74	7.71	11.659	2.35
38.3	35.87	6.8	11.674	2.07
38.35	35.44	8.56	11.689	2.61
38.4	34.72	7.85	11.704	2.39
38.45	33.36	9.68	11.719	2.95
38.5	32.18	10.35	11.735	3.16
38.55	30.59	13	11.75	3.96
38.6	29.79	12.72	11.765	3.88
38.65	28.9	10.6	11.78	3.23
38.7	28.95	11.96	11.796	3.64
38.75	28.97	11.1	11.811	3.38
38.8	28.99	10.87	11.826	3.31
38.85	28.99	9.9	11.841	3.02
38.9	29.5	9.9	11.857	3.02
38.95	30.25	10.29	11.872	3.13
39	30.62	8.18	11.887	2.49
39.05	31.31	9.07	11.902	2.77
39.1	31.16	8.05	11.918	2.45
39.15	30.58	7.18	11.933	2.19
39.2	30.29	8.28	11.948	2.52
39.25	29.64	9.37	11.963	2.86
39.3	29.32	9.34	11.979	2.85
39.35	29.16	9.7	11.994	2.96
39.4	29.08	9.74	12.009	2.97
39.45	29.54	9.81	12.024	2.99
39.5	30.27	9.61	12.04	2.93
39.55	30.64	9.72	12.055	2.96
39.6	31.32	10.33	12.07	3.15
39.65	31.16	11	12.085	3.35
39.7	31.08	10.17	12.1	3.1
39.75	31.04	10.33	12.116	3.15
39.8	31.02	11.36	12.131	3.46
39.85	31.01	10.75	12.146	3.28
39.9	31	11.76	12.161	3.58
39.95	31	12.57	12.177	3.83
40	31	12.89	12.192	3.93
40.05	31	11.53	12.207	3.52
40.1	31.5	11.21	12.222	3.42
40.15	32.25	11.64	12.238	3.55
40.2	32.13	9.55	12.253	2.91
40.25	32.56	11.97	12.268	3.65
40.3	33.28	10.04	12.283	3.06
40.35	34.14	8.83	12.299	2.69
40.4	34.07	8.52	12.314	2.6
40.45	34.54	9.31	12.329	2.84
40.5	34.27	9.4	12.344	2.87

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
40.55	34.13	9.21	12.36	2.81
40.6	34.07	9.03	12.375	2.75
40.65	34.03	8.83	12.39	2.69
40.7	37.02	8.76	12.405	2.67
40.75	38.01	9.04	12.42	2.75
40.8	38	9.03	12.436	2.75
40.85	38	10.08	12.451	3.07
40.9	36.5	10.05	12.466	3.06
40.95	32.75	10.7	12.481	3.26
41	29.38	10.5	12.497	3.2
41.05	26.69	11.92	12.512	3.63
41.1	24.84	10.55	12.527	3.22
41.15	23.92	10.64	12.542	3.24
41.2	24.46	11.01	12.558	3.36
41.25	26.23	13.32	12.573	4.06
41.3	28.62	11.32	12.588	3.45
41.35	29.81	12.62	12.603	3.85
41.4	30.9	11.9	12.619	3.63
41.45	30.95	10.6	12.634	3.23
41.5	30.98	11.31	12.649	3.45
41.55	31.49	10.83	12.664	3.3
41.6	31.24	12.83	12.68	3.91
41.65	31.12	11.57	12.695	3.53
41.7	31.06	11.59	12.71	3.53
41.75	31.03	11.1	12.725	3.38
41.8	30.52	12.09	12.741	3.69
41.85	30.26	11.06	12.756	3.37
41.9	30.63	11.64	12.771	3.55
41.95	30.31	10.9	12.786	3.32
42	30.16	10.96	12.801	3.34
42.05	30.08	11.52	12.817	3.51
42.1	29.54	11.12	12.832	3.39
42.15	29.77	10.9	12.847	3.32
42.2	30.38	11.4	12.862	3.48
42.25	30.19	11.24	12.878	3.43
42.3	30.1	11.45	12.893	3.49
42.35	30.05	11.23	12.908	3.42
42.4	30.52	11.49	12.923	3.5
42.45	31.26	11.7	12.939	3.57
42.5	31.13	12.1	12.954	3.69
42.55	31.07	11.82	12.969	3.6
42.6	31.03	11.64	12.984	3.55
42.65	29.52	0	13	0
42.7	28.76	11.34	13.015	3.46
42.75	28.38	6.33	13.03	1.93
42.8	28.19	6.23	13.045	1.9
42.85	28.09	6.22	13.061	1.9
42.9	28.05	7.34	13.076	2.24
42.95	28.52	11.27	13.091	3.43
43	28.76	6.21	13.106	1.89
43.05	29.38	6.87	13.122	2.09
43.1	29.69	6.34	13.137	1.93
43.15	30.35	7.17	13.152	2.19
43.2	30.67	7.91	13.167	2.41
43.25	30.34	7.9	13.182	2.41
43.3	29.67	7.69	13.198	2.35
43.35	29.33	7.42	13.213	2.26
43.4	28.67	8.18	13.228	2.49
43.45	28.83	8.78	13.243	2.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
43.5	27.92	12.75	13.259	3.89
43.55	27.96	13.51	13.274	4.12
43.6	27.98	11.97	13.289	3.65
43.65	28.49	10.55	13.304	3.22
43.7	28.24	14.38	13.32	4.38
43.75	27.12	17.4	13.335	5.3
43.8	26.56	16.11	13.35	4.91
43.85	25.78	17.78	13.365	5.42
43.9	25.39	17.69	13.381	5.39
43.95	25.2	17.43	13.396	5.31
44	25.1	16.58	13.411	5.05
44.05	25.05	19.85	13.426	6.05
44.1	25.02	17.18	13.442	5.24
44.15	24.51	17.43	13.457	5.31
44.2	24.26	14.08	13.472	4.29
44.25	24.13	13.32	13.487	4.06
44.3	24.06	14.09	13.503	4.29
44.35	24.53	13.87	13.518	4.23
44.4	25.27	14.2	13.533	4.33
44.45	25.63	14.84	13.548	4.52
44.5	25.82	14.44	13.563	4.4
44.55	25.91	13.88	13.579	4.23
44.6	25.95	15.22	13.594	4.64
44.65	25.48	14.11	13.609	4.3
44.7	25.74	13.75	13.624	4.19
44.75	25.87	13.99	13.64	4.27
44.8	25.93	17.23	13.655	5.25
44.85	25.97	13.61	13.67	4.15
44.9	25.48	14.98	13.685	4.57
44.95	25.74	15.04	13.701	4.58
45	25.87	13.46	13.716	4.1
45.05	25.94	12.13	13.731	3.7
45.1	25.97	12.95	13.746	3.95
45.15	26.48	11.82	13.762	3.6
45.2	26.74	11.1	13.777	3.38
45.25	26.87	11.93	13.792	3.63
45.3	26.44	10.75	13.807	3.28
45.35	25.72	10.93	13.823	3.33
45.4	24.86	11.56	13.838	3.52
45.45	23.93	10.64	13.853	3.24
45.5	22.96	12.23	13.868	3.73
45.55	22.48	10	13.884	3.05
45.6	22.74	10.43	13.899	3.18
45.65	22.87	9.36	13.914	2.85
45.7	24.44	10.71	13.929	3.27
45.75	27.72	9.64	13.944	2.94
45.8	31.86	9.87	13.96	3.01
45.85	19.93	9.9	13.975	3.02
45.9	13.96	9.31	13.99	2.84
45.95	10.98	8.85	14.005	2.7
46	9.49	9.24	14.021	2.82
46.05	8.75	9.72	14.036	2.96
46.1	8.37	9.37	14.051	2.85
46.15	8.69	8.66	14.066	2.64
46.2	8.34	9.22	14.082	2.81
46.25	8.67	9.15	14.097	2.79
46.3	8.84	9.17	14.112	2.8
46.35	8.92	8.87	14.127	2.7
46.4	8.96	9.06	14.143	2.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
46.45	9.48	9.94	14.158	3.03
46.5	9.24	10.08	14.173	3.07
46.55	9.62	11.54	14.188	3.52
46.6	9.31	10.56	14.204	3.22
46.65	9.65	9.99	14.219	3.05
46.7	9.33	10.3	14.234	3.14
46.75	9.66	10.03	14.249	3.06
46.8	11.33	10.3	14.265	3.14
46.85	11.67	9.83	14.28	2.99
46.9	11.83	11.44	14.295	3.49
46.95	12.92	11.44	14.31	3.49
47	14.46	11.89	14.325	3.62
47.05	16.23	11.61	14.341	3.54
47.1	17.61	11.96	14.356	3.65
47.15	18.31	12.64	14.371	3.85
47.2	18.65	12.49	14.386	3.81
47.25	20.33	12.38	14.402	3.77
47.3	23.16	12.06	14.417	3.68
47.35	26.58	12.03	14.432	3.67
47.4	28.79	13.21	14.447	4.03
47.45	30.4	12.83	14.463	3.91
47.5	31.7	12.8	14.478	3.9
47.55	32.35	12.4	14.493	3.78
47.6	33.17	11.18	14.508	3.41
47.65	33.09	2.11	14.524	0.64
47.7	33.04	4.32	14.539	1.32
47.75	33.02	7.58	14.554	2.31
47.8	34.01	7.31	14.569	2.23
47.85	34.51	8.43	14.585	2.57
47.9	34.25	10.95	14.6	3.34
47.95	34.63	13.81	14.615	4.21
48	34.31	13.14	14.63	4.01
48.05	34.16	15.01	14.646	4.57
48.1	34.58	11.3	14.661	3.44
48.15	34.79	12.73	14.676	3.88
48.2	34.89	14.31	14.691	4.36
48.25	34.45	15.25	14.706	4.65
48.3	33.72	16.35	14.722	4.98
48.35	33.36	19.46	14.737	5.93
48.4	33.18	16.15	14.752	4.92
48.45	33.09	18.65	14.767	5.68
48.5	33.05	16.46	14.783	5.02
48.55	33.02	20.74	14.798	6.32
48.6	33.01	15.78	14.813	4.81
48.65	32.51	17.26	14.828	5.26
48.7	32.25	16.29	14.844	4.96
48.75	32.13	21.39	14.859	6.52
48.8	32.06	18.65	14.874	5.69
48.85	32.53	20.31	14.889	6.19
48.9	32.27	18.85	14.905	5.75
48.95	32.63	20.24	14.92	6.17
49	32.82	16.9	14.935	5.15
49.05	32.91	15.97	14.95	4.87
49.1	32.95	19	14.966	5.79
49.15	32.48	17.4	14.981	5.3
49.2	32.24	18.05	14.996	5.5
49.25	32.62	20.09	15.011	6.12
49.3	32.81	16.22	15.026	4.94
49.35	32.9	13.58	15.042	4.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
49.4	32.95	16.37	15.057	4.99
49.45	32.98	15.8	15.072	4.81
49.5	32.49	16.17	15.087	4.93
49.55	32.24	16.29	15.103	4.96
49.6	32.12	21.15	15.118	6.45
49.65	32.06	16.98	15.133	5.18
49.7	31.53	16.4	15.148	5
49.75	31.77	16.41	15.164	5
49.8	31.88	18.1	15.179	5.52
49.85	31.94	16.97	15.194	5.17
49.9	31.97	20.66	15.209	6.3
49.95	31.99	17.66	15.225	5.38
50	31.99	19.82	15.24	6.04
50.05	32	18.25	15.255	5.56
50.1	32	18.9	15.27	5.76
50.15	31.5	17.93	15.286	5.46
50.2	31.25	20.03	15.301	6.11
50.25	31.12	18.1	15.316	5.52
50.3	31.06	16.26	15.331	4.96
50.35	31.03	17.22	15.347	5.25
50.4	31.02	18.74	15.362	5.71
50.45	30.51	15.69	15.377	4.78
50.5	30.25	17.23	15.392	5.25
50.55	30.13	15.66	15.407	4.77
50.6	30.06	14.72	15.423	4.49
50.65	30.03	15.84	15.438	4.83
50.7	30.02	14.98	15.453	4.57
50.75	30.01	15.94	15.468	4.86
50.8	30.5	16.31	15.484	4.97
50.85	30.75	15.47	15.499	4.72
50.9	31.38	15.83	15.514	4.83
50.95	32.19	16.39	15.529	4.99
51	32.09	15.92	15.545	4.85
51.05	31.55	16.74	15.56	5.1
51.1	31.27	16.98	15.575	5.18
51.15	31.14	15.72	15.59	4.79
51.2	30.57	16.89	15.606	5.15
51.25	30.28	17.09	15.621	5.21
51.3	30.64	16.99	15.636	5.18
51.35	30.82	17.5	15.651	5.33
51.4	30.91	16.43	15.667	5.01
51.45	30.96	18.16	15.682	5.53
51.5	30.98	17.45	15.697	5.32
51.55	30.99	17.17	15.712	5.23
51.6	30.99	16.9	15.728	5.15
51.65	31.5	15.84	15.743	4.83
51.7	31.75	16.38	15.758	4.99
51.75	31.37	15.31	15.773	4.67
51.8	31.19	15.38	15.788	4.69
51.85	31.59	14.81	15.804	4.51
51.9	31.8	15.31	15.819	4.67
51.95	31.9	15.31	15.834	4.67
52	32.45	15.31	15.849	4.67
52.05	32.72	14.42	15.865	4.39
52.1	32.86	14.97	15.88	4.56
52.15	33.43	15.6	15.895	4.75
52.2	32.72	14.44	15.91	4.4
52.25	31.86	13.45	15.926	4.1
52.3	30.93	13.16	15.941	4.01

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
52.35	30.46	14.1	15.956	4.3
52.4	29.73	13.54	15.971	4.13
52.45	29.87	13.59	15.987	4.14
52.5	29.93	15.47	16.002	4.72
52.55	29.47	13.28	16.017	4.05
52.6	29.73	12.75	16.032	3.89
52.65	29.87	0.72	16.048	0.22
52.7	29.43	4.73	16.063	1.44
52.75	29.22	2.68	16.078	0.82
52.8	28.61	4.74	16.093	1.44
52.85	28.3	10.31	16.109	3.14
52.9	27.15	11.53	16.124	3.51
52.95	27.08	9.58	16.139	2.92
53	26.54	11.83	16.154	3.61
53.05	26.27	11.16	16.169	3.4
53.1	26.13	11.72	16.185	3.57
53.15	26.07	11.11	16.2	3.39
53.2	25.03	12.13	16.215	3.7
53.25	23.52	13.95	16.23	4.25
53.3	22.76	9.86	16.246	3
53.35	22.38	9.39	16.261	2.86
53.4	23.19	6.95	16.276	2.12
53.45	24.09	8.95	16.291	2.73
53.5	24.05	10.81	16.307	3.29
53.55	23.52	15.86	16.322	4.83
53.6	23.26	11.56	16.337	3.52
53.65	23.13	11.68	16.352	3.56
53.7	23.07	12.06	16.368	3.67
53.75	23.53	15.03	16.383	4.58
53.8	23.77	11.94	16.398	3.64
53.85	23.88	12.46	16.413	3.8
53.9	23.94	11.67	16.429	3.56
53.95	24.47	13.49	16.444	4.11
54	24.24	13.12	16.459	4
54.05	24.12	14.65	16.474	4.46
54.1	24.06	12.5	16.49	3.81
54.15	24.53	14.39	16.505	4.39
54.2	24.26	12.87	16.52	3.92
54.25	24.13	13.69	16.535	4.17
54.3	24.57	11.88	16.55	3.62
54.35	24.78	11.67	16.566	3.56
54.4	24.39	13.24	16.581	4.04
54.45	24.2	9.27	16.596	2.83
54.5	24.1	11.31	16.611	3.45
54.55	24.55	11.07	16.627	3.37
54.6	23.77	10.05	16.642	3.06
54.65	23.89	8.03	16.657	2.45
54.7	24.44	7	16.672	2.13
54.75	24.72	7.99	16.688	2.44
54.8	24.86	7.68	16.703	2.34
54.85	24.93	7.66	16.718	2.33
54.9	24.97	6.94	16.733	2.11
54.95	25.48	7.31	16.749	2.23
55	25.74	7.22	16.764	2.2
55.05	25.87	6.72	16.779	2.05
55.1	26.44	6.62	16.794	2.02
55.15	26.72	6.31	16.81	1.92
55.2	27.86	6.15	16.825	1.87
55.25	29.43	6.51	16.84	1.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
55.3	30.71	6.98	16.855	2.13
55.35	32.36	6.74	16.871	2.05
55.4	34.18	7.54	16.886	2.3
55.45	35.59	7.19	16.901	2.19
55.5	36.79	7.4	16.916	2.25
55.55	37.4	7.18	16.931	2.19
55.6	38.2	5.07	16.947	1.55
55.65	38.6	6.69	16.962	2.04
55.7	39.3	7	16.977	2.13
55.75	39.65	6.2	16.992	1.89
55.8	39.82	6.45	17.008	1.97
55.85	39.41	5.86	17.023	1.79
55.9	39.71	4.69	17.038	1.43
55.95	39.35	5.57	17.053	1.7
56	39.68	5.46	17.069	1.66
56.05	40.84	5.42	17.084	1.65
56.1	40.92	5.86	17.099	1.79
56.15	40.96	5.44	17.114	1.66
56.2	41.48	5.7	17.13	1.74
56.25	42.24	5.8	17.145	1.77
56.3	41.62	5.33	17.16	1.63
56.35	41.81	5.08	17.175	1.55
56.4	41.4	5.6	17.191	1.71
56.45	41.7	5	17.206	1.53
56.5	41.35	5.29	17.221	1.61
56.55	42.68	5.52	17.236	1.68
56.6	43.34	5.68	17.252	1.73
56.65	43.67	6.35	17.267	1.94
56.7	43.33	5.65	17.282	1.72
56.75	43.17	5.07	17.297	1.55
56.8	43.08	5.07	17.312	1.55
56.85	43.04	5.2	17.328	1.58
56.9	44.02	5.4	17.343	1.64
56.95	44.51	5.48	17.358	1.67
57	43.26	5.14	17.373	1.57
57.05	43.13	5.65	17.389	1.72
57.1	44.06	4.91	17.404	1.5
57.15	43.53	4.93	17.419	1.5
57.2	43.27	5.47	17.434	1.67
57.25	42.13	4.83	17.45	1.47
57.3	42.57	4.81	17.465	1.46
57.35	43.28	5.45	17.48	1.66
57.4	43.14	5.68	17.495	1.73
57.45	42.57	5.27	17.511	1.61
57.5	43.79	5.3	17.526	1.62
57.55	43.89	5.41	17.541	1.65
57.6	42.95	4.54	17.556	1.38
57.65	41.47	2.64	17.572	0.8
57.7	40.74	3.77	17.587	1.15
57.75	39.87	5.22	17.602	1.59
57.8	39.93	5.9	17.617	1.8
57.85	40.47	7.46	17.632	2.27
57.9	40.73	7.17	17.648	2.19
57.95	41.37	6.94	17.663	2.12
58	42.18	9.59	17.678	2.92
58.05	43.09	9.64	17.693	2.94
58.1	43.55	7.57	17.709	2.31
58.15	43.27	9.38	17.724	2.86
58.2	43.14	7.89	17.739	2.4

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58.25	43.57	9.5	17.754	2.89
58.3	43.28	5.51	17.77	1.68
58.35	43.14	8.97	17.785	2.73
58.4	42.07	5.33	17.8	1.62
58.45	42.54	7.03	17.815	2.14
58.5	43.27	4.06	17.831	1.24
58.55	43.63	5.82	17.846	1.77
58.6	43.82	6.32	17.861	1.93
58.65	43.41	5.17	17.876	1.58
58.7	43.2	6.24	17.892	1.9
58.75	42.6	6.46	17.907	1.97
58.8	42.3	7.29	17.922	2.22
58.85	42.15	7.33	17.937	2.23
58.9	42.58	7.26	17.953	2.21
58.95	42.79	10.63	17.968	3.24
59	43.39	7.02	17.983	2.14
59.05	44.2	10.44	17.998	3.18
59.1	44.6	7.68	18.013	2.34
59.15	45.3	10.42	18.029	3.18
59.2	45.65	8.01	18.044	2.44
59.25	45.32	12.05	18.059	3.67
59.3	45.16	9.16	18.074	2.79
59.35	45.58	9.05	18.09	2.76
59.4	45.29	10.59	18.105	3.23
59.45	44.65	9.08	18.12	2.77
59.5	43.82	10.33	18.135	3.15
59.55	41.91	11.03	18.151	3.36
59.6	40.46	10.24	18.166	3.12
59.65	40.73	9.89	18.181	3.01
59.7	40.36	8.47	18.196	2.58
59.75	40.18	7.05	18.212	2.15
59.8	41.09	7.65	18.227	2.33
59.85	42.05	7.67	18.242	2.34
59.9	42.02	8.16	18.257	2.49
59.95	41.51	8.34	18.273	2.54
60	40.76	8.17	18.288	2.49
60.05	39.38	8.84	18.303	2.69
60.1	39.19	8.27	18.318	2.52
60.15	39.09	9.3	18.334	2.83
60.2	39.05	8.52	18.349	2.6
60.25	38.52	8.93	18.364	2.72
60.3	37.26	9.25	18.379	2.82
60.35	36.63	9.16	18.394	2.79
60.4	36.32	11.03	18.41	3.36
60.45	36.66	9.68	18.425	2.95
60.5	35.83	11.68	18.44	3.56
60.55	34.91	9.37	18.455	2.86
60.6	33.46	11.44	18.471	3.49
60.65	33.23	10.95	18.486	3.34
60.7	31.61	10.83	18.501	3.3
60.75	30.81	10.24	18.516	3.12
60.8	30.4	12.72	18.532	3.88
60.85	30.2	10.01	18.547	3.05
60.9	30.1	10.97	18.562	3.34
60.95	30.05	10.48	18.577	3.2
61	30.03	8.62	18.593	2.63
61.05	29.51	9.94	18.608	3.03
61.1	29.26	9.63	18.623	2.94
61.15	29.13	10.26	18.638	3.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.2	29.06	10.31	18.654	3.14
61.25	28.03	9.82	18.669	2.99
61.3	28.02	10.43	18.684	3.18
61.35	27.51	10.32	18.699	3.14
61.4	27.25	10.58	18.715	3.22
61.45	27.63	10.41	18.73	3.17
61.5	28.31	10.31	18.745	3.14
61.55	28.16	10.5	18.76	3.2
61.6	28.58	10.55	18.775	3.21
61.65	28.29	10.62	18.791	3.24
61.7	27.64	9.84	18.806	3
61.75	27.82	9.45	18.821	2.88
61.8	28.41	9.85	18.836	3
61.85	28.21	10.64	18.852	3.24
61.9	27.6	9.32	18.867	2.84
61.95	27.8	8.91	18.882	2.72
62	27.4	8.73	18.897	2.66
62.05	27.2	9.17	18.913	2.79
62.1	26.6	9.43	18.928	2.87
62.15	26.3	9.35	18.943	2.85
62.2	25.65	9.64	18.958	2.94
62.25	25.83	8.42	18.974	2.57
62.3	26.41	8.36	18.989	2.55
62.35	26.21	8.45	19.004	2.58
62.4	26.1	8.99	19.019	2.74
62.45	25.55	9	19.035	2.74
62.5	25.78	9.2	19.05	2.8
62.55	25.39	9.73	19.065	2.97
62.6	25.19	5.61	19.08	1.71
62.65	25.1	2.55	19.096	0.78
62.7	25.05	9.98	19.111	3.04
62.75	25.02	4.89	19.126	1.49
62.8	25.01	5.12	19.141	1.56
62.85	25.51	5.01	19.156	1.53
62.9	25.75	7.89	19.172	2.41
62.95	25.38	10.06	19.187	3.07
63	26.19	8.34	19.202	2.54
63.05	26.09	7.95	19.217	2.42
63.1	27.05	6.93	19.233	2.11
63.15	28.02	8.79	19.248	2.68
63.2	28.51	6.16	19.263	1.88
63.25	29.26	8.72	19.278	2.66
63.3	29.63	8.66	19.294	2.64
63.35	29.81	7.03	19.309	2.14
63.4	28.91	9.83	19.324	3
63.45	28.95	6.23	19.339	1.9
63.5	28.48	4.12	19.355	1.26
63.55	28.24	5.71	19.37	1.74
63.6	28.12	6.12	19.385	1.87
63.65	27.56	5.42	19.4	1.65
63.7	27.78	6.34	19.416	1.93
63.75	27.89	6.9	19.431	2.1
63.8	27.94	7.07	19.446	2.16
63.85	27.47	5.9	19.461	1.8
63.9	27.24	7.08	19.477	2.16
63.95	27.62	9.82	19.492	2.99
64	27.31	7	19.507	2.13
64.05	27.15	9.91	19.522	3.02
64.1	26.58	7.57	19.537	2.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.15	27.29	7.39	19.553	2.25
64.2	27.64	6.96	19.568	2.12
64.25	26.82	7.61	19.583	2.32
64.3	26.41	8.09	19.598	2.46
64.35	25.71	10.46	19.614	3.19
64.4	25.35	8.42	19.629	2.57
64.45	25.68	7.53	19.644	2.29
64.5	26.34	7.21	19.659	2.2
64.55	26.17	6.78	19.675	2.07
64.6	26.58	8.86	19.69	2.7
64.65	26.29	7.4	19.705	2.26
64.7	26.15	8.42	19.72	2.57
64.75	26.07	5.23	19.736	1.6
64.8	25.54	7.78	19.751	2.37
64.85	25.27	6.2	19.766	1.89
64.9	24.13	6.73	19.781	2.05
64.95	23.57	7.88	19.797	2.4
65	22.78	6.96	19.812	2.12
65.05	21.89	7.33	19.827	2.24
65.1	21.45	6.8	19.842	2.07
65.15	21.22	7.59	19.858	2.31
65.2	21.11	9.99	19.873	3.04
65.25	21.06	7.26	19.888	2.21
65.3	21.03	8.17	19.903	2.49
65.35	21.01	7.79	19.918	2.37
65.4	21.01	9	19.934	2.74
65.45	21	8.69	19.949	2.65
65.5	20.5	8.52	19.964	2.6
65.55	20.75	8.7	19.979	2.65
65.6	20.88	8.96	19.995	2.73
65.65	20.94	8.24	20.01	2.51
65.7	21.47	8.21	20.025	2.5
65.75	21.23	8.56	20.04	2.61
65.8	21.12	8.75	20.056	2.67
65.85	21.56	8.52	20.071	2.6
65.9	21.78	7.32	20.086	2.23
65.95	21.89	7.17	20.101	2.19
66	21.94	6.17	20.117	1.88
66.05	22.47	7.78	20.132	2.37
66.1	22.24	7.03	20.147	2.14
66.15	22.12	8.08	20.162	2.46
66.2	22.56	7.08	20.178	2.16
66.25	22.78	7.57	20.193	2.31
66.3	22.89	7.66	20.208	2.33
66.35	22.94	7.53	20.223	2.3
66.4	22.97	6.92	20.239	2.11
66.45	23.49	7.14	20.254	2.18
66.5	23.74	7.2	20.269	2.2
66.55	23.37	6.16	20.284	1.88
66.6	23.69	7.07	20.3	2.15
66.65	24.34	6.79	20.315	2.07
66.7	24.67	7.1	20.33	2.16
66.75	24.34	5.93	20.345	1.81
66.8	24.17	6.04	20.36	1.84
66.85	23.58	7.74	20.376	2.36
66.9	22.79	6.47	20.391	1.97
66.95	22.4	6.09	20.406	1.86
67	22.7	5.88	20.421	1.79
67.05	23.35	5.27	20.437	1.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.1	24.67	5.16	20.452	1.57
67.15	25.84	5.91	20.467	1.8
67.2	26.42	4.96	20.482	1.51
67.25	27.21	5.61	20.498	1.71
67.3	27.1	4.32	20.513	1.32
67.35	27.05	4.9	20.528	1.49
67.4	26.03	4.1	20.543	1.25
67.45	25.51	5.3	20.559	1.62
67.5	25.26	4.76	20.574	1.45
67.55	25.63	4.1	20.589	1.25
67.6	25.31	3.61	20.604	1.1
67.65	25.16	0.66	20.62	0.2
67.7	24.58	7.83	20.635	2.39
67.75	23.79	5.11	20.65	1.56
67.8	23.89	5.13	20.665	1.56
67.85	23.95	6.23	20.681	1.9
67.9	23.97	7.33	20.696	2.24
67.95	24.49	8.85	20.711	2.7
68	24.74	6.51	20.726	1.98
68.05	24.87	7.8	20.742	2.38
68.1	24.44	5.76	20.757	1.76
68.15	24.22	6.18	20.772	1.88
68.2	23.11	7.61	20.787	2.32
68.25	22.55	7.76	20.802	2.37
68.3	21.78	5.09	20.818	1.55
68.35	21.39	7.45	20.833	2.27
68.4	21.19	9.61	20.848	2.93
68.45	21.1	8.72	20.863	2.66
68.5	21.05	5.58	20.879	1.7
68.55	21.02	6.07	20.894	1.85
68.6	21.01	7.67	20.909	2.34
68.65	21.51	6.86	20.924	2.09
68.7	21.75	7.03	20.94	2.14
68.75	21.88	9.26	20.955	2.82
68.8	21.44	8.05	20.97	2.46
68.85	21.72	7.2	20.985	2.19
68.9	21.86	7.64	21.001	2.33
68.95	22.43	8.24	21.016	2.51
69	22.71	7.07	21.031	2.15
69.05	23.36	7.9	21.046	2.41
69.1	24.18	7.09	21.062	2.16
69.15	24.09	8.43	21.077	2.57
69.2	24.04	8.33	21.092	2.54
69.25	24.02	9.26	21.107	2.82
69.3	23.51	7.88	21.123	2.4
69.35	23.76	7.86	21.138	2.39
69.4	23.88	7.75	21.153	2.36
69.45	23.94	6.24	21.168	1.9
69.5	23.47	7.75	21.183	2.36
69.55	23.23	6.34	21.199	1.93
69.6	23.12	6.25	21.214	1.9
69.65	23.06	6.39	21.229	1.95
69.7	22.53	6.01	21.244	1.83
69.75	22.26	4.56	21.26	1.39
69.8	22.13	5.02	21.275	1.53
69.85	22.07	4.9	21.29	1.49
69.9	22.03	6.06	21.305	1.85
69.95	22.02	5.48	21.321	1.67
70	21.51	5.62	21.336	1.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.05	20.75	5.45	21.351	1.66
70.1	20.38	5.36	21.366	1.63
70.15	20.19	5.06	21.382	1.54
70.2	19.59	5.69	21.397	1.74
70.25	19.8	5.59	21.412	1.7
70.3	19.9	5.76	21.427	1.76
70.35	19.45	5.23	21.443	1.59
70.4	19.22	5.07	21.458	1.55
70.45	19.11	5.33	21.473	1.63
70.5	19.06	4.84	21.488	1.47
70.55	19.53	5.47	21.504	1.67
70.6	19.76	5.03	21.519	1.53
70.65	19.88	5.78	21.534	1.76
70.7	19.94	5.61	21.549	1.71
70.75	19.97	5.39	21.565	1.64
70.8	19.99	5.42	21.58	1.65
70.85	19.99	5.75	21.595	1.75
70.9	20	6.17	21.61	1.88
70.95	20	5.33	21.625	1.63
71	20	4	21.641	1.22
71.05	20	4.65	21.656	1.42
71.1	20	5.01	21.671	1.53
71.15	20	4.81	21.686	1.47
71.2	20	4.38	21.702	1.34
71.25	20.5	4.91	21.717	1.5
71.3	20.75	4.4	21.732	1.34
71.35	20.87	4.42	21.747	1.35
71.4	21.44	3.84	21.763	1.17
71.45	21.72	4	21.778	1.22
71.5	22.36	3.47	21.793	1.06
71.55	22.68	3.36	21.808	1.02
71.6	22.84	3.42	21.824	1.04
71.65	22.42	3.75	21.839	1.14
71.7	22.21	3.81	21.854	1.16
71.75	21.1	4.47	21.869	1.36
71.8	20.55	4.17	21.885	1.27
71.85	22.28	5.13	21.9	1.56
71.9	22.64	3.86	21.915	1.18
71.95	21.32	4.4	21.93	1.34
72	18.66	3.66	21.946	1.12
72.05	15.83	3.89	21.961	1.19
72.1	13.91	4.02	21.976	1.23
72.15	13.46	4.26	21.991	1.3
72.2	13.23	3.71	22.007	1.13
72.25	13.61	3.92	22.022	1.19
72.3	13.81	4.25	22.037	1.3
72.35	13.9	2.75	22.052	0.84
72.4	13.95	3.39	22.067	1.03
72.45	13.98	2.97	22.083	0.91
72.5	13.99	3.17	22.098	0.97
72.55	14.49	2.66	22.113	0.81
72.6	15.25	1.15	22.128	0.35
72.65	15.12	0	22.144	0
72.7	15.56	4.07	22.159	1.24
72.75	16.28	3.88	22.174	1.18
72.8	17.14	3.44	22.189	1.05
72.85	17.57	3.67	22.205	1.12
72.9	17.29	4.79	22.22	1.46
72.95	17.14	5.92	22.235	1.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73	16.57	6.82	22.25	2.08
73.05	16.79	4.84	22.266	1.48
73.1	16.89	7.14	22.281	2.18
73.15	16.45	4.49	22.296	1.37
73.2	16.22	3.57	22.311	1.09
73.25	15.61	4.93	22.327	1.5
73.3	14.81	5.99	22.342	1.83
73.35	13.9	2.99	22.357	0.91
73.4	12.95	3.83	22.372	1.17
73.45	12.98	3.4	22.388	1.04
73.5	12.49	1.59	22.403	0.48
73.55	12.24	3.51	22.418	1.07
73.6	12.12	2.73	22.433	0.83
73.65	11.56	3.33	22.448	1.01
73.7	11.28	3.94	22.464	1.2
73.75	10.64	4.13	22.479	1.26
73.8	9.82	4.13	22.494	1.26
73.85	9.41	4.72	22.509	1.44
73.9	9.21	4.33	22.525	1.32
73.95	8.6	8.26	22.54	2.52
74	8.8	4.68	22.555	1.43
74.05	8.4	7.97	22.57	2.43
74.1	8.7	4.03	22.586	1.23
74.15	8.35	8.87	22.601	2.7
74.2	8.18	4.81	22.616	1.47
74.25	8.59	4.36	22.631	1.33
74.3	8.29	4.29	22.647	1.31
74.35	8.15	7.47	22.662	2.28
74.4	8.07	4.46	22.677	1.36
74.45	8.04	3.9	22.692	1.19
74.5	8.02	2.98	22.708	0.91
74.55	8.01	5.67	22.723	1.73
74.6	8	3.53	22.738	1.08
74.65	8	5.76	22.753	1.76
74.7	8	3.21	22.769	0.98
74.75	8	2.24	22.784	0.68
74.8	8	3.47	22.799	1.06
74.85	8	3.17	22.814	0.96
74.9	8	4.86	22.83	1.48
74.95	8	4.09	22.845	1.25
75	7.5	4.01	22.86	1.22
75.05	7.75	4.27	22.875	1.3
75.1	7.38	3.83	22.89	1.17
75.15	7.19	5.68	22.906	1.73
75.2	7.09	5.15	22.921	1.57
75.25	7.05	4.2	22.936	1.28
75.3	7.02	4.09	22.951	1.25
75.35	6.51	6.14	22.967	1.87
75.4	6.26	4.86	22.982	1.48
75.45	6.63	4.31	22.997	1.31
75.5	6.81	4.94	23.012	1.51
75.55	6.91	4.79	23.028	1.46
75.6	6.95	7.71	23.043	2.35
75.65	6.98	3.99	23.058	1.22
75.7	6.99	4.17	23.073	1.27
75.75	7.49	3.72	23.089	1.13
75.8	8.25	6.1	23.104	1.86
75.85	10.12	3.17	23.119	0.97
75.9	12.06	4.25	23.134	1.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
75.95	13.53	3.99	23.15	1.22
76	14.27	3	23.165	0.91
76.05	14.63	4.52	23.18	1.38
76.1	15.32	3.95	23.195	1.2
76.15	15.16	3.17	23.211	0.97
76.2	15.08	3.71	23.226	1.13
76.25	14.54	3.91	23.241	1.19
76.3	13.27	4.36	23.256	1.33
76.35	12.63	4.17	23.271	1.27
76.4	12.32	4.23	23.287	1.29
76.45	12.16	4.48	23.302	1.37
76.5	11.58	4.59	23.317	1.4
76.55	11.29	4.17	23.332	1.27
76.6	11.14	4.46	23.348	1.36
76.65	11.07	4.57	23.363	1.39
76.7	10.54	3.17	23.378	0.97
76.75	10.27	3.14	23.393	0.96
76.8	10.13	2.8	23.409	0.85
76.85	10.57	3.41	23.424	1.04
76.9	10.78	3.53	23.439	1.08
76.95	10.89	3.22	23.454	0.98
77	10.95	2.8	23.47	0.85
77.05	10.97	3.15	23.485	0.96
77.1	10.99	2.68	23.5	0.82
77.15	10.99	2.5	23.515	0.76
77.2	11	2.35	23.531	0.72
77.25	11	1.99	23.546	0.61
77.3	11	2.35	23.561	0.72
77.35	11	3.04	23.576	0.93
77.4	11	2.82	23.592	0.86
77.45	10.5	2.28	23.607	0.69
77.5	10.25	2.13	23.622	0.65
77.55	9.62	1.88	23.637	0.57
77.6	8.81	4.29	23.653	1.31
77.65	8.41	1.71	23.668	0.52
77.7	8.2	7.71	23.683	2.35
77.75	7.6	2.88	23.698	0.88
77.8	7.3	1.86	23.713	0.57
77.85	7.15	3.91	23.729	1.19
77.9	6.58	6.3	23.744	1.92
77.95	6.29	2.7	23.759	0.82
78	6.14	5.73	23.774	1.75
78.05	6.07	2.4	23.79	0.73
78.1	6.04	5.42	23.805	1.65
78.15	6.02	4.29	23.82	1.31
78.2	5.51	2.92	23.835	0.89
78.25	5.25	3.09	23.851	0.94
78.3	5.13	6.11	23.866	1.86
78.35	5.06	1.9	23.881	0.58
78.4	5.03	1.87	23.896	0.57
78.45	5.02	1.14	23.912	0.35
78.5	4.51	0.5	23.927	0.15
78.55	4.25	1.98	23.942	0.6
78.6	4.13	1.59	23.957	0.49
78.65	4.06	1.4	23.973	0.43
78.7	4.03	1.83	23.988	0.56
78.75	4.02	3.72	24.003	1.13
78.8	3.51	1.16	24.018	0.35
78.85	3.25	1.81	24.034	0.55

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78.9	3.13	1.77	24.049	0.54
78.95	3.06	3.73	24.064	1.14
79	3.03	1.68	24.079	0.51
79.05	3.02	3.35	24.095	1.02
79.1	3.01	1.92	24.11	0.59
79.15	3	3.23	24.125	0.98
79.2	3	4.02	24.14	1.23
79.25	3	3.86	24.155	1.18
79.3	3	2.86	24.171	0.87
79.35	3	4.6	24.186	1.4
79.4	3	2.85	24.201	0.87
79.45	3	2.34	24.216	0.71
79.5	3	3.71	24.232	1.13
79.55	3	4.46	24.247	1.36
79.6	3	2.97	24.262	0.9
79.65	3	4.55	24.277	1.39
79.7	2.5	1.44	24.293	0.44
79.75	2.75	1.23	24.308	0.38
79.8	2.88	1.94	24.323	0.59
79.85	2.94	1.42	24.338	0.43
79.9	2.97	2.51	24.354	0.76
79.95	2.98	1.64	24.369	0.5
80	2.99	2.03	24.384	0.62
80.05	3.5	1.52	24.399	0.46
80.1	3.75	1.96	24.415	0.6
80.15	3.87	1.34	24.43	0.41
80.2	3.44	2.47	24.445	0.75
80.25	3.22	2.02	24.46	0.61
80.3	3.11	1.74	24.476	0.53
80.35	3.05	2.6	24.491	0.79
80.4	3.03	2.19	24.506	0.67
80.45	3.01	2.09	24.521	0.64
80.5	3.01	2.7	24.536	0.82
80.55	3.5	1.81	24.552	0.55
80.6	3.25	3.6	24.567	1.1
80.65	3.13	1.6	24.582	0.49
80.7	3.06	2.94	24.597	0.9
80.75	3.53	1.96	24.613	0.6
80.8	3.77	2.25	24.628	0.68
80.85	3.38	1.88	24.643	0.57
80.9	3.69	1.79	24.658	0.55
80.95	3.85	2.1	24.674	0.64
81	3.92	1.37	24.689	0.42
81.05	3.46	1.6	24.704	0.49
81.1	3.23	2.28	24.719	0.7
81.15	3.12	1.87	24.735	0.57
81.2	3.06	1.95	24.75	0.6
81.25	3.03	2.05	24.765	0.63
81.3	3.01	2.55	24.78	0.78
81.35	3.01	2.36	24.796	0.72
81.4	3	1.52	24.811	0.46
81.45	3	2.39	24.826	0.73
81.5	3	2.1	24.841	0.64
81.55	3	2.18	24.857	0.66
81.6	3	2.2	24.872	0.67
81.65	3	1.96	24.887	0.6
81.7	3	1.87	24.902	0.57
81.75	3	2.14	24.918	0.65
81.8	3.5	1.85	24.933	0.56

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81.85	3.25	2.27	24.948	0.69
81.9	3.13	2.44	24.963	0.74
81.95	3.56	2.13	24.978	0.65
82	3.28	2.8	24.994	0.85
82.05	3.64	2.25	25.009	0.68
82.1	3.32	1.83	25.024	0.56
82.15	3.66	1.84	25.039	0.56
82.2	3.33	2.66	25.055	0.81
82.25	3.17	1.73	25.07	0.53
82.3	3.08	2.12	25.085	0.65
82.35	3.04	1.87	25.1	0.57
82.4	3.02	2.17	25.116	0.66
82.45	3.01	2.24	25.131	0.68
82.5	3.01	1.65	25.146	0.5
82.55	3	2.31	25.161	0.71
82.6	3	1.3	25.177	0.4
82.65	3	1.58	25.192	0.48
82.7	3	3.34	25.207	1.02
82.75	3	2.55	25.222	0.78
82.8	3	2.68	25.238	0.82
82.85	3.5	1.42	25.253	0.43
82.9	3.75	4.72	25.268	1.44
82.95	3.88	2.87	25.283	0.88
83	3.94	5	25.299	1.52
83.05	4.47	2.58	25.314	0.79
83.1	4.73	3.87	25.329	1.18
83.15	5.37	4.81	25.344	1.47
83.2	5.68	4.18	25.36	1.27
83.25	5.84	3.3	25.375	1.01
83.3	5.92	1.99	25.39	0.61
83.35	5.96	2.93	25.405	0.89
83.4	6.48	2.52	25.42	0.77
83.45	6.74	3.49	25.436	1.06
83.5	7.37	5.09	25.451	1.55
83.55	7.69	3.54	25.466	1.08
83.6	7.84	3.52	25.481	1.07
83.65	7.92	2.64	25.497	0.8
83.7	7.46	1.02	25.512	0.31
83.75	7.23	2.83	25.527	0.86
83.8	7.12	1.61	25.542	0.49
83.85	7.06	2.99	25.558	0.91
83.9	7.03	1.74	25.573	0.53
83.95	7.51	3.06	25.588	0.93
84	7.26	2.32	25.603	0.71
84.05	6.63	2.79	25.619	0.85
84.1	6.31	2.45	25.634	0.75
84.15	5.66	3.62	25.649	1.1
84.2	4.83	2.61	25.664	0.8
84.25	4.41	3.71	25.68	1.13
84.3	4.21	3.75	25.695	1.14
84.35	3.6	4.85	25.71	1.48
84.4	3.3	4.22	25.725	1.29
84.45	3.15	3.2	25.741	0.98
84.5	3.08	3.21	25.756	0.98
84.55	3.04	4.1	25.771	1.25
84.6	3.02	3.55	25.786	1.08
84.65	3.01	4.85	25.801	1.48
84.7	3	2.87	25.817	0.88
84.75	3	2.7	25.832	0.82

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
84.8	3	2.7	25.847	0.82
84.85	3	5.18	25.862	1.58
84.9	3	1.97	25.878	0.6
84.95	3	1.19	25.893	0.36
85	3	1.98	25.908	0.6
85.05	3	1.56	25.923	0.47
85.1	3	2.04	25.939	0.62
85.15	3	2.12	25.954	0.65
85.2	3	2.34	25.969	0.71
85.25	3	2.89	25.984	0.88
85.3	3	2.07	26	0.63
85.35	3	2.33	26.015	0.71
85.4	2.5	3.18	26.03	0.97
85.45	2.75	1.8	26.045	0.55
85.5	2.88	1.8	26.061	0.55
85.55	2.44	2.39	26.076	0.73
85.6	2.72	3.04	26.091	0.93
85.65	2.36	2.74	26.106	0.84
85.7	2.18	2.69	26.122	0.82
85.75	2.09	2.69	26.137	0.82
85.8	2.04	2.57	26.152	0.78
85.85	2.02	2.4	26.167	0.73
85.9	2.51	2.43	26.183	0.74
85.95	2.76	2.15	26.198	0.66
86	2.38	2.49	26.213	0.76
86.05	2.69	2.34	26.228	0.71
86.1	2.84	2.55	26.243	0.78
86.15	2.92	2.52	26.259	0.77
86.2	2.96	1.63	26.274	0.5
86.25	2.98	2.09	26.289	0.64
86.3	2.49	1.62	26.304	0.5
86.35	2.25	1.83	26.32	0.56
86.4	2.62	2.19	26.335	0.67
86.45	2.81	2.03	26.35	0.62
86.5	2.91	2.67	26.365	0.81
86.55	2.95	2.38	26.381	0.72
86.6	2.98	2.86	26.396	0.87
86.65	3.49	2.34	26.411	0.71
86.7	3.24	2.64	26.426	0.81
86.75	3.12	2.53	26.442	0.77
86.8	3.06	2.04	26.457	0.62
86.85	3.03	2.86	26.472	0.87
86.9	3.02	2.38	26.487	0.73
86.95	3.51	2.89	26.503	0.88
87	3.75	1.92	26.518	0.58
87.05	3.38	2.56	26.533	0.78
87.1	3.69	2.92	26.548	0.89
87.15	3.34	2.26	26.564	0.69
87.2	3.17	1.86	26.579	0.57
87.25	3.09	2.11	26.594	0.64
87.3	3.54	2.31	26.609	0.7
87.35	3.27	2.3	26.625	0.7
87.4	3.64	1.93	26.64	0.59
87.45	3.82	1.99	26.655	0.61
87.5	3.91	1.37	26.67	0.42
87.55	3.95	1.13	26.685	0.35
87.6	4.48	3.72	26.701	1.13
87.65	4.24	2.93	26.716	0.89
87.7	4.62	4	26.731	1.22

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
87.75	4.31	4.3	26.746	1.31
87.8	3.65	1.59	26.762	0.48
87.85	4.33	2.51	26.777	0.76
87.9	4.66	2.75	26.792	0.84
87.95	3.83	1.71	26.807	0.52
88	3.92	1.49	26.823	0.45
88.05	3.46	0.42	26.838	0.13
88.1	3.23	3.3	26.853	1.01
88.15	3.11	1.98	26.868	0.6
88.2	3.06	1.79	26.884	0.55
88.25	3.03	0.99	26.899	0.3
88.3	3.01	3.24	26.914	0.99
88.35	2.51	1.14	26.929	0.35
88.4	2.25	1.7	26.945	0.52
88.45	2.13	1.15	26.96	0.35
88.5	2.56	3.22	26.975	0.98
88.55	2.78	1.89	26.99	0.57
88.6	2.39	1.23	27.006	0.38
88.65	2.7	4.52	27.021	1.38
88.7	2.85	2.6	27.036	0.79
88.75	2.92	2.63	27.051	0.8
88.8	2.96	3.76	27.066	1.15
88.85	2.98	1.81	27.082	0.55
88.9	3.49	4.21	27.097	1.28
88.95	3.25	2.39	27.112	0.73
89	2.62	1.01	27.127	0.31
89.05	3.31	1.88	27.143	0.57
89.1	3.16	1.29	27.158	0.39
89.15	4.08	1.46	27.173	0.44
89.2	4.04	0.92	27.188	0.28
89.25	5.02	1.04	27.204	0.32
89.3	6.01	0.39	27.219	0.12
89.35	6	1.1	27.234	0.34
89.4	6	1.16	27.249	0.35
89.45	5	0.92	27.265	0.28
89.5	4.5	0.96	27.28	0.29
89.55	3.75	1.67	27.295	0.51
89.6	3.38	1.39	27.31	0.42
89.65	3.19	0.75	27.326	0.23
89.7	3.09	0.71	27.341	0.22
89.75	3.05	1.42	27.356	0.43
89.8	3.02	0.67	27.371	0.21
89.85	3.01	1.54	27.387	0.47
89.9	3.01	0.9	27.402	0.27
89.95	2.5	2.5	27.417	0.76
90	2.75	0.64	27.432	0.19
90.05	2.88	1.14	27.448	0.35
90.1	2.44	1.5	27.463	0.46
90.15	2.72	2.12	27.478	0.65
90.2	2.86	1.1	27.493	0.33
90.25	2.43	0.96	27.508	0.29
90.3	2.71	0.68	27.524	0.21
90.35	2.86	1.42	27.539	0.43
90.4	2.93	0.6	27.554	0.18
90.45	2.46	0.79	27.569	0.24
90.5	2.23	0.89	27.585	0.27
90.55	2.12	0.38	27.6	0.12
90.6	2.06	0.62	27.615	0.19
90.65	2.03	0.71	27.63	0.22

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
90.7	2.01	0.63	27.646	0.19
90.75	3.01	1.13	27.661	0.34
90.8	5	1.26	27.676	0.38
90.85	6	0.73	27.691	0.22
90.9	5.5	1.24	27.707	0.38
90.95	4.75	0.88	27.722	0.27
91	4.38	1.24	27.737	0.38
91.05	4.19	1	27.752	0.31
91.1	4.09	1.4	27.768	0.43
91.15	3.55	1.55	27.783	0.47
91.2	3.77	1.74	27.798	0.53
91.25	3.39	1.05	27.813	0.32
91.3	3.19	1.15	27.829	0.35
91.35	3.1	1.24	27.844	0.38
91.4	3.05	1.37	27.859	0.42
91.45	3.02	1.07	27.874	0.32
91.5	3.01	0.95	27.889	0.29
91.55	3.01	1.2	27.905	0.37
91.6	3	0.95	27.92	0.29
91.65	3	0.82	27.935	0.25
91.7	2.5	0.99	27.95	0.3
91.75	2.25	0.89	27.966	0.27
91.8	2.13	0.56	27.981	0.17
91.85	2.06	0.74	27.996	0.23
91.9	2.03	0.81	28.011	0.25
91.95	2.52	0.75	28.027	0.23
92	2.76	0.66	28.042	0.2
92.05	2.88	0.66	28.057	0.2
92.1	2.94	0.7	28.072	0.21
92.15	2.97	0.71	28.088	0.22
92.2	2.48	0.73	28.103	0.22
92.25	2.24	0.8	28.118	0.24
92.3	2.12	1.68	28.133	0.51
92.35	2.06	0.65	28.149	0.2
92.4	2.03	0.72	28.164	0.22
92.45	2.02	1.04	28.179	0.32
92.5	2.01	0.55	28.194	0.17
92.55	2.5	1.05	28.21	0.32
92.6	2.75	2.09	28.225	0.64
92.65	4.88	3.77	28.24	1.15
92.7	6.44	1.88	28.255	0.57
92.75	6.22	2.31	28.271	0.7
92.8	4.61	1.6	28.286	0.49
92.85	3.8	1.75	28.301	0.53
92.9	3.4	2.38	28.316	0.73
92.95	3.2	0.78	28.331	0.24
93	3.6	0.46	28.347	0.14
93.05	3.3	0.35	28.362	0.11
93.1	3.15	1.49	28.377	0.45
93.15	3.58	0.56	28.392	0.17
93.2	3.79	0.55	28.408	0.17
93.25	3.89	0.8	28.423	0.24
93.3	4.45	2.34	28.438	0.71
93.35	5.22	0.95	28.453	0.29
93.4	5.61	1.23	28.469	0.38
93.45	5.31	0.69	28.484	0.21
93.5	4.65	4.25	28.499	1.3
93.55	3.83	1.16	28.514	0.35
93.6	3.41	1.41	28.53	0.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
93.65	3.21	1.79	28.545	0.55
93.7	3.1	4.35	28.56	1.33
93.75	3.05	2.26	28.575	0.69
93.8	3.53	2.02	28.591	0.61
93.85	3.76	3.07	28.606	0.93
93.9	3.88	2.34	28.621	0.71
93.95	3.94	2.96	28.636	0.9
94	3.97	5	28.652	1.52
94.05	3.99	2.93	28.667	0.89
94.1	3.49	2.57	28.682	0.78
94.15	3.25	2.83	28.697	0.86
94.2	3.12	2.12	28.713	0.65
94.25	3.06	2.35	28.728	0.72
94.3	3.03	3.07	28.743	0.93
94.35	4.02	2.54	28.758	0.77
94.4	5.01	2.61	28.773	0.8
94.45	6	2.72	28.789	0.83
94.5	7	2.26	28.804	0.69
94.55	8.5	5.53	28.819	1.69
94.6	13.25	4.09	28.834	1.25
94.65	17.63	3.22	28.85	0.98
94.7	21.81	2.44	28.865	0.74
94.75	24.41	5.52	28.88	1.68
94.8	21.2	3.03	28.895	0.92
94.85	20.6	5.87	28.911	1.79
94.9	20.8	4.5	28.926	1.37
94.95	25.9	5.22	28.941	1.59
95	27.95	3.87	28.956	1.18
95.05	29.98	5.74	28.972	1.75
95.1	31.99	3.72	28.987	1.13
95.15	34.49	6.26	29.002	1.91
95.2	35.25	4.21	29.017	1.28
95.25	35.62	4.64	29.033	1.42
95.3	35.31	2.59	29.048	0.79
95.35	34.16	6.21	29.063	1.89
95.4	33.08	2.84	29.078	0.87
95.45	32.54	3.75	29.094	1.14
95.5	32.27	2.76	29.109	0.84
95.55	31.13	1.14	29.124	0.35
95.6	30.57	2.52	29.139	0.77
95.65	30.78	1.66	29.154	0.51
95.7	29.89	1.56	29.17	0.48
95.75	28.95	1.66	29.185	0.5
95.8	26.97	1.52	29.2	0.46
95.85	24.99	1.21	29.215	0.37
95.9	23.49	1.52	29.231	0.46
95.95	22.75	1.38	29.246	0.42
96	21.87	1.73	29.261	0.53
96.05	21.44	1.14	29.276	0.35
96.1	20.72	1.08	29.292	0.33
96.15	20.36	1.43	29.307	0.44
96.2	20.18	1.86	29.322	0.57
96.25	20.09	2.03	29.337	0.62
96.3	20.04	1.44	29.353	0.44
96.35	20.02	1.57	29.368	0.48
96.4	19.51	2.34	29.383	0.71
96.45	19.26	2	29.398	0.61
96.5	19.13	2.21	29.414	0.67
96.55	18.56	1.32	29.429	0.4

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
96.6	17.78	2.05	29.444	0.62
96.65	16.89	1.2	29.459	0.37
96.7	16.45	1.17	29.475	0.36
96.75	17.22	1.37	29.49	0.42
96.8	15.61	1.03	29.505	0.31
96.85	15.81	1.44	29.52	0.44
96.9	16.4	1.81	29.536	0.55
96.95	15.7	1.86	29.551	0.57
97	14.85	1.76	29.566	0.54
97.05	14.43	1.49	29.581	0.45
97.1	14.21	2.44	29.596	0.74
97.15	14.11	1.87	29.612	0.57
97.2	14.05	2.02	29.627	0.61
97.25	14.03	1.95	29.642	0.6
97.3	13.51	2.36	29.657	0.72
97.35	12.76	1.6	29.673	0.49
97.4	12.38	1.92	29.688	0.58
97.45	12.69	1.65	29.703	0.5
97.5	13.34	1.32	29.718	0.4
97.55	14.17	1.54	29.734	0.47
97.6	14.09	1.29	29.749	0.39
97.65	14.04	5.92	29.764	1.81
97.7	13.52	5.55	29.779	1.69
97.75	12.76	4.66	29.795	1.42
97.8	11.88	4.05	29.81	1.23
97.85	10.94	2.42	29.825	0.74
97.9	10.97	4.12	29.84	1.26
97.95	10.99	4.72	29.856	1.44
98	10.99	5.44	29.871	1.66
98.05	11	3	29.886	0.92
98.1	11.5	3.18	29.901	0.97
98.15	11.75	2.8	29.917	0.85
98.2	11.87	3.28	29.932	1
98.25	11.94	2.58	29.947	0.79
98.3	11.97	3.84	29.962	1.17
98.35	11.98	2.54	29.978	0.77
98.4	12.99	3.11	29.993	0.95
98.45	14	2.58	30.008	0.78
98.5	16	4.05	30.023	1.23
98.55	18.5	3.05	30.038	0.93
98.6	20.75	2.31	30.054	0.7
98.65	21.87	4.44	30.069	1.35
98.7	22.94	3.61	30.084	1.1
98.75	22.97	4.33	30.099	1.32
98.8	22.48	6.58	30.115	2
98.85	21.24	5.69	30.13	1.73
98.9	20.62	5.06	30.145	1.54
98.95	20.31	2.4	30.16	0.73
99	19.66	6.63	30.176	2.02
99.05	18.83	2.9	30.191	0.89
99.1	18.91	6.34	30.206	1.93
99.15	18.96	4.21	30.221	1.28
99.2	18.98	2.57	30.237	0.78
99.25	19.49	4.25	30.252	1.3
99.3	19.74	1.91	30.267	0.58
99.35	19.87	3.37	30.282	1.03
99.4	19.94	2.77	30.298	0.84
99.45	19.97	4.31	30.313	1.31
99.5	20.48	3.01	30.328	0.92

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99.55	20.74	5.24	30.343	1.6
99.6	20.87	3.2	30.359	0.97
99.65	20.94	3.31	30.374	1.01
99.7	21.47	3.53	30.389	1.07
99.75	22.23	4.7	30.404	1.43
99.8	22.62	3.76	30.419	1.15
99.85	22.81	6.3	30.435	1.92
99.9	22.4	4.17	30.45	1.27
99.95	22.2	6.69	30.465	2.04
100	21.6	3.91	30.48	1.19
100.05	21.3	3.92	30.496	1.2
100.1	21.15	3.48	30.511	1.06
100.15	20.58	3.44	30.526	1.05
100.2	20.29	3.52	30.541	1.07
100.25	19.64	3.5	30.557	1.07
100.3	19.32	2.73	30.572	0.83
100.35	19.16	2.4	30.587	0.73
100.4	19.58	2.91	30.602	0.89
100.45	19.79	3.33	30.618	1.02
100.5	19.9	2.6	30.633	0.79
100.55	19.45	2.17	30.648	0.66
100.6	19.22	2.77	30.663	0.84
100.65	19.11	2.2	30.679	0.67
100.7	18.56	3.37	30.694	1.03
100.75	18.28	2.42	30.709	0.74
100.8	18.64	3.97	30.724	1.21
100.85	18.82	2.48	30.74	0.76
100.9	18.91	2.7	30.755	0.82
100.95	18.95	3.51	30.77	1.07
101	18.48	2.61	30.785	0.8
101.05	18.74	2.55	30.801	0.78
101.1	18.37	2.47	30.816	0.75
101.15	18.18	2.38	30.831	0.72
101.2	18.09	2.98	30.846	0.91
101.25	18.05	2.49	30.861	0.76
101.3	18.02	2.86	30.877	0.87
101.35	17.51	2.44	30.892	0.74
101.4	16.76	4.27	30.907	1.3
101.45	16.38	2.57	30.922	0.78
101.5	15.69	3.75	30.938	1.14
101.55	14.84	2.74	30.953	0.84
101.6	14.42	3.29	30.968	1
101.65	14.21	3.22	30.983	0.98
101.7	13.61	2.21	30.999	0.67
101.75	13.3	2.18	31.014	0.66
101.8	12.65	1.66	31.029	0.51
101.85	12.33	2.39	31.044	0.73
101.9	12.16	2.26	31.06	0.69
101.95	11.58	1.99	31.075	0.61
102	11.79	1.87	31.09	0.57
102.05	11.4	1.96	31.105	0.6
102.1	11.7	1.77	31.121	0.54
102.15	11.85	2.17	31.136	0.66
102.2	11.92	2.37	31.151	0.72
102.25	11.96	2.24	31.166	0.68
102.3	11.98	3.14	31.182	0.96
102.35	11.99	2.37	31.197	0.72
102.4	12	2.76	31.212	0.84
102.45	12	2.12	31.227	0.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
102.5	12.5	2.11	31.243	0.64
102.55	13.25	1.55	31.258	0.47
102.6	13.12	1.16	31.273	0.35
102.65	13.06	3.83	31.288	1.17
102.7	13.03	6.2	31.303	1.89
102.75	13.52	3.7	31.319	1.13
102.8	13.76	4.19	31.334	1.28
102.85	14.38	5.4	31.349	1.65
102.9	14.69	5.39	31.364	1.64
102.95	14.84	5.77	31.38	1.76
103	14.92	4.14	31.395	1.26
103.05	14.96	1.13	31.41	0.34
103.1	15.48	3.29	31.425	1
103.15	15.74	1.51	31.441	0.46
103.2	15.37	1.76	31.456	0.54
103.25	15.19	1.64	31.471	0.5
103.3	15.09	3.27	31.486	1
103.35	15.05	2.14	31.502	0.65
103.4	15.02	2.05	31.517	0.63
103.45	14.51	1.8	31.532	0.55
103.5	13.76	5.78	31.547	1.76
103.55	13.38	1.8	31.563	0.55
103.6	13.19	1.3	31.578	0.4
103.65	13.09	1.47	31.593	0.45
103.7	13.05	3.07	31.608	0.94
103.75	12.52	2.71	31.624	0.83
103.8	11.76	3.7	31.639	1.13
103.85	11.38	3.1	31.654	0.94
103.9	11.19	3.17	31.669	0.97
103.95	10.6	3.71	31.684	1.13
104	10.3	2.85	31.7	0.87
104.05	10.15	2.49	31.715	0.76
104.1	9.57	1.6	31.73	0.49
104.15	9.29	4.55	31.745	1.39
104.2	9.14	3.91	31.761	1.19
104.25	8.57	3.38	31.776	1.03
104.3	8.29	2.13	31.791	0.65
104.35	7.64	1.6	31.806	0.49
104.4	7.32	2.03	31.822	0.62
104.45	7.16	1.67	31.837	0.51
104.5	6.58	1.46	31.852	0.44
104.55	6.79	2.39	31.867	0.73
104.6	6.9	1.57	31.883	0.48
104.65	6.45	2.03	31.898	0.62
104.7	6.22	1.5	31.913	0.46
104.75	6.11	2.08	31.928	0.63
104.8	6.06	1.47	31.944	0.45
104.85	6.03	2.59	31.959	0.79
104.9	6.01	1.93	31.974	0.59
104.95	6.01	2.85	31.989	0.87
105	6	2.08	32.005	0.63
105.05	6	2.71	32.02	0.83
105.1	5.5	3.07	32.035	0.94
105.15	5.25	2.72	32.05	0.83
105.2	5.13	1.71	32.066	0.52
105.25	5.06	2.1	32.081	0.64
105.3	5.03	1.64	32.096	0.5
105.35	5.02	3.45	32.111	1.05
105.4	5.01	1.59	32.126	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
105.45	5	1.87	32.142	0.57
105.5	4.5	1.94	32.157	0.59
105.55	4.25	3.19	32.172	0.97
105.6	4.13	1.57	32.187	0.48
105.65	4.56	1.19	32.203	0.36
105.7	5.28	2.15	32.218	0.65
105.75	6.64	1.25	32.233	0.38
105.8	8.32	2.33	32.248	0.71
105.85	9.66	1.43	32.264	0.44
105.9	10.83	2.29	32.279	0.7
105.95	10.92	2.26	32.294	0.69
106	10.46	2.13	32.309	0.65
106.05	9.73	2.16	32.325	0.66
106.1	8.36	1.62	32.34	0.49
106.15	7.68	1.55	32.355	0.47
106.2	7.34	1.62	32.37	0.5
106.25	6.17	1.69	32.386	0.51
106.3	5.59	1.76	32.401	0.54
106.35	4.79	1.34	32.416	0.41
106.4	4.4	2.03	32.431	0.62
106.45	4.2	1.58	32.447	0.48
106.5	4.1	2.34	32.462	0.71
106.55	5.05	1.42	32.477	0.43
106.6	5.02	1.73	32.492	0.53
106.65	5.51	1.32	32.508	0.4
106.7	7.26	1.95	32.523	0.59
106.75	7.63	1.28	32.538	0.39
106.8	8.81	1.11	32.553	0.34
106.85	10.41	0.91	32.568	0.28
106.9	10.2	0.96	32.584	0.29
106.95	10.6	0.91	32.599	0.28
107	10.3	0.81	32.614	0.25
107.05	9.15	1.33	32.629	0.4
107.1	8.08	1.45	32.645	0.44
107.15	7.04	0.98	32.66	0.3
107.2	6.02	1.14	32.675	0.35
107.25	5.51	1.11	32.69	0.34
107.3	5.25	1.16	32.706	0.35
107.35	5.13	1.1	32.721	0.34
107.4	4.56	1.04	32.736	0.32
107.45	3.78	1.09	32.751	0.33
107.5	3.39	1.57	32.767	0.48
107.55	2.7	3.6	32.782	1.1
107.6	2.85	0.61	32.797	0.19
107.65	2.42	2.64	32.812	0.8
107.7	2.71	4.07	32.828	1.24
107.75	2.86	3.68	32.843	1.12
107.8	3.93	1.8	32.858	0.55
107.85	4.96	1.97	32.873	0.6
107.9	4.98	4.37	32.889	1.33
107.95	5.49	3.91	32.904	1.19
108	6.25	3.02	32.919	0.92
108.05	7.12	1.22	32.934	0.37
108.1	7.06	2.53	32.949	0.77
108.15	7.53	1.62	32.965	0.49
108.2	7.27	3.05	32.98	0.93
108.25	6.63	0.75	32.995	0.23
108.3	6.32	1.64	33.01	0.5
108.35	6.16	0.79	33.026	0.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
108.4	5.58	1.31	33.041	0.4
108.45	5.29	1.01	33.056	0.31
108.5	5.64	2.74	33.071	0.84
108.55	5.82	1.63	33.087	0.5
108.6	5.91	1.13	33.102	0.35
108.65	6.46	1.06	33.117	0.32
108.7	6.73	2.82	33.132	0.86
108.75	6.36	1.26	33.148	0.38
108.8	6.18	2.14	33.163	0.65
108.85	5.59	1.3	33.178	0.4
108.9	5.8	5.15	33.193	1.57
108.95	5.9	2.22	33.209	0.68
109	6.45	3.68	33.224	1.12
109.05	6.72	2.5	33.239	0.76
109.1	6.36	4.14	33.254	1.26
109.15	6.18	3.09	33.27	0.94
109.2	5.59	4.05	33.285	1.23
109.25	6.8	3.3	33.3	1
109.3	6.9	2.64	33.315	0.8
109.35	5.45	3.81	33.331	1.16
109.4	4.22	2.74	33.346	0.84
109.45	4.11	2.55	33.361	0.78
109.5	3.56	0.92	33.376	0.28
109.55	3.28	2.02	33.391	0.62
109.6	3.14	1.3	33.407	0.4
109.65	3.07	1.98	33.422	0.6
109.7	3.03	1.59	33.437	0.49
109.75	3.02	2.53	33.452	0.77
109.8	3.01	1.71	33.468	0.52
109.85	3.5	3.37	33.483	1.03
109.9	4.75	2.01	33.498	0.61
109.95	4.88	2.94	33.513	0.9
110	5.44	1.78	33.529	0.54
110.05	5.72	2.66	33.544	0.81
110.1	6.36	2.37	33.559	0.72
110.15	7.18	4.2	33.574	1.28
110.2	5.59	2.34	33.59	0.71
110.25	6.29	2.68	33.605	0.82
110.3	6.15	3.33	33.62	1.01
110.35	6.57	5.63	33.635	1.72
110.4	4.79	3.75	33.651	1.14
110.45	3.89	2.26	33.666	0.69
110.5	3.45	4.25	33.681	1.3
110.55	4.22	5.46	33.696	1.67
110.6	3.61	3.27	33.712	1
110.65	3.81	5.21	33.727	1.59
110.7	2.9	3.82	33.742	1.17
110.75	3.45	2.29	33.757	0.7
110.8	4.23	2.61	33.772	0.8
110.85	4.61	2.55	33.788	0.78
110.9	4.81	2.12	33.803	0.65
110.95	4.4	2.09	33.818	0.64
111	4.2	3.07	33.833	0.94
111.05	3.6	3.11	33.849	0.95
111.1	3.8	2.4	33.864	0.73
111.15	2.9	2.12	33.879	0.65
111.2	2.95	2.58	33.894	0.79
111.25	2.98	2.27	33.91	0.69
111.3	2.99	2	33.925	0.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
111.35	2.49	1.89	33.94	0.57
111.4	2.75	2.45	33.955	0.75
111.45	2.87	2.16	33.971	0.66
111.5	3.44	2.85	33.986	0.87
111.55	4.22	2.06	34.001	0.63
111.6	4.61	2.84	34.016	0.86
111.65	4.8	1.75	34.032	0.53
111.7	5.4	2.62	34.047	0.8
111.75	5.2	2.33	34.062	0.71
111.8	5.1	1.84	34.077	0.56
111.85	5.05	2.1	34.093	0.64
111.9	4.53	2.1	34.108	0.64
111.95	3.76	2.08	34.123	0.63
112	3.88	1.69	34.138	0.51
112.05	3.94	1.98	34.154	0.6
112.1	3.97	2.23	34.169	0.68
112.15	4.49	2.19	34.184	0.67
112.2	4.74	2.73	34.199	0.83
112.25	4.37	2.27	34.214	0.69
112.3	4.19	2.69	34.23	0.82
112.35	3.59	2.7	34.245	0.82
112.4	3.3	2.65	34.26	0.81
112.45	2.65	3.13	34.275	0.95
112.5	2.82	2.87	34.291	0.87
112.55	2.41	2.51	34.306	0.77
112.6	2.21	2.93	34.321	0.89
112.65	2.1	5.64	34.336	1.72
112.7	2.05	3.68	34.352	1.12
112.75	2.03	2.66	34.367	0.81
112.8	2.01	2.1	34.382	0.64
112.85	2.01	3.92	34.397	1.2
112.9	2.5	2.79	34.413	0.85
112.95	2.75	3	34.428	0.91
113	2.88	2.82	34.443	0.86
113.05	2.94	3.36	34.458	1.02
113.1	3.47	1.62	34.474	0.49
113.15	3.73	3.23	34.489	0.99
113.2	3.37	1.18	34.504	0.36
113.25	3.68	4.34	34.519	1.32
113.3	3.84	1.74	34.535	0.53
113.35	4.42	4.94	34.55	1.51
113.4	4.71	2.55	34.565	0.78
113.45	5.36	3.15	34.58	0.96
113.5	5.68	4.87	34.596	1.49
113.55	5.84	3.56	34.611	1.09
113.6	5.42	2.75	34.626	0.84
113.65	4.71	2.96	34.641	0.9
113.7	4.35	2.91	34.656	0.89
113.75	3.68	1.49	34.672	0.46
113.8	3.34	5.24	34.687	1.6
113.85	3.17	2.39	34.702	0.73
113.9	2.58	4.07	34.717	1.24
113.95	2.29	1.06	34.733	0.32
114	2.15	2.11	34.748	0.64
114.05	2.07	1.08	34.763	0.33
114.1	2.04	2.02	34.778	0.62
114.15	2.52	1.78	34.794	0.54
114.2	2.26	2.03	34.809	0.62
114.25	2.13	1.87	34.824	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
114.3	2.06	2.63	34.839	0.8
114.35	2.53	1.34	34.855	0.41
114.4	2.27	1.49	34.87	0.45
114.45	2.63	1.36	34.885	0.41
114.5	2.32	2.98	34.9	0.91
114.55	2.66	1.39	34.916	0.43
114.6	2.83	1.76	34.931	0.54
114.65	3.41	1.7	34.946	0.52
114.7	3.71	2.84	34.961	0.86
114.75	4.35	1.76	34.977	0.54
114.8	4.18	2	34.992	0.61
114.85	5.09	2.06	35.007	0.63
114.9	5.04	3.28	35.022	1
114.95	5.52	2.08	35.037	0.64
115	5.76	2.26	35.053	0.69
115.05	5.88	2.13	35.068	0.65
115.1	5.94	1.68	35.083	0.51
115.15	5.97	1.24	35.098	0.38
115.2	5.99	1.18	35.114	0.36
115.25	5.99	1.44	35.129	0.44
115.3	6	1.13	35.144	0.34
115.35	6	1.68	35.159	0.51
115.4	6	1.31	35.175	0.4
115.45	6	1.7	35.19	0.52
115.5	6	1.55	35.205	0.47
115.55	6	2.43	35.22	0.74
115.6	6	1.36	35.236	0.41
115.65	6	2.25	35.251	0.69
115.7	5.5	1.58	35.266	0.48
115.75	5.25	2.53	35.281	0.77
115.8	4.62	1.87	35.297	0.57
115.85	4.31	1.96	35.312	0.6
115.9	4.16	2.05	35.327	0.63
115.95	4.08	2.98	35.342	0.91
116	3.54	2.3	35.358	0.7
116.05	3.27	3.2	35.373	0.98
116.1	3.13	3.03	35.388	0.92
116.15	3.07	4.56	35.403	1.39
116.2	3.03	3.26	35.419	0.99
116.25	3.02	3.11	35.434	0.95
116.3	3.01	2.57	35.449	0.78
116.35	3	3.28	35.464	1
116.4	3	2.33	35.479	0.71
116.45	3	2.29	35.495	0.7
116.5	3	2.19	35.51	0.67
116.55	3	1.84	35.525	0.56
116.6	3	1.94	35.54	0.59
116.65	3	1.86	35.556	0.57
116.7	3	2.12	35.571	0.65
116.75	3	1.97	35.586	0.6
116.8	3	2.01	35.601	0.61
116.85	3.5	1.51	35.617	0.46
116.9	3.25	2.06	35.632	0.63
116.95	3.13	1.25	35.647	0.38
117	3.56	1.43	35.662	0.44
117.05	3.28	1.18	35.678	0.36
117.1	3.64	1.65	35.693	0.5
117.15	3.82	1.29	35.708	0.39
117.2	3.91	1.77	35.723	0.54

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
117.25	3.96	1.19	35.739	0.36
117.3	3.98	2.24	35.754	0.68
117.35	3.99	1.52	35.769	0.46
117.4	3.99	1.79	35.784	0.55
117.45	5	1.42	35.8	0.43
117.5	5.5	1.41	35.815	0.43
117.55	5.25	2.11	35.83	0.64
117.6	5.12	3.88	35.845	1.18
117.65	5.56	3.86	35.861	1.18
117.7	5.78	2.58	35.876	0.79
117.75	5.89	1.94	35.891	0.59
117.8	5.45	0.7	35.906	0.21
117.85	4.72	2.17	35.921	0.66
117.9	4.86	1.18	35.937	0.36
117.95	4.93	1.21	35.952	0.37
118	5.47	1	35.967	0.3
118.05	7.23	3.01	35.982	0.92
118.1	9.12	0.82	35.998	0.25
118.15	10.56	2.98	36.013	0.91
118.2	10.28	0.69	36.028	0.21
118.25	9.64	3.26	36.043	0.99
118.3	10.32	0.63	36.059	0.19
118.35	9.66	3.55	36.074	1.08
118.4	8.83	1.45	36.089	0.44
118.45	8.91	2.16	36.104	0.66
118.5	9.46	3.97	36.12	1.21
118.55	9.73	1.41	36.135	0.43
118.6	9.36	1.76	36.15	0.54
118.65	8.68	1.71	36.165	0.52
118.7	7.84	2.22	36.181	0.68
118.75	6.42	1.82	36.196	0.55
118.8	5.21	2.44	36.211	0.74
118.85	4.61	1.26	36.226	0.38
118.9	4.3	1.23	36.242	0.38
118.95	4.65	0.45	36.257	0.14
119	5.33	1	36.272	0.3
119.05	5.16	0.64	36.287	0.19
119.1	5.58	0.56	36.302	0.17
119.15	5.29	0.55	36.318	0.17
119.2	4.15	0.52	36.333	0.16
119.25	3.07	0.46	36.348	0.14
119.3	2.04	1.28	36.363	0.39
119.35	1.52	0.54	36.379	0.16
119.4	1.76	0.43	36.394	0.13
119.45	1.88	0.4	36.409	0.12
119.5	1.94	1.58	36.424	0.48
119.55	1.97	0.37	36.44	0.11
119.6	1.98	0.67	36.455	0.2
119.65	2.49	1.01	36.47	0.31
119.7	2.75	0.79	36.485	0.24
119.75	2.87	1.42	36.501	0.43
119.8	3.44	1.09	36.516	0.33
119.85	4.22	0.5	36.531	0.15
119.9	4.61	1.17	36.546	0.36
119.95	4.8	1.5	36.562	0.46
120	4.4	1.01	36.577	0.31
120.05	4.2	0.39	36.592	0.12
120.1	3.6	1.94	36.607	0.59
120.15	4.3	0.38	36.623	0.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120.2	4.65	0.41	36.638	0.13
120.25	4.83	1.13	36.653	0.34
120.3	4.91	0.35	36.668	0.11
120.35	4.96	0.42	36.684	0.13
120.4	5.48	0.39	36.699	0.12
120.45	5.74	0.41	36.714	0.13
120.5	5.37	0.4	36.729	0.12
120.55	5.18	0.7	36.744	0.21
120.6	5.09	0.65	36.76	0.2
120.65	4.55	0.37	36.775	0.11
120.7	4.27	0.42	36.79	0.13
120.75	4.14	0.4	36.805	0.12
120.8	4.07	0.35	36.821	0.11
120.85	4.53	0.54	36.836	0.16
120.9	4.77	1.09	36.851	0.33
120.95	4.88	0.76	36.866	0.23
121	4.94	1.02	36.882	0.31
121.05	4.97	1.01	36.897	0.31
121.1	4.99	0.53	36.912	0.16
121.15	4.99	0.83	36.927	0.25
121.2	5	0.73	36.943	0.22
121.25	5	0.58	36.958	0.18
121.3	5.5	0.44	36.973	0.13
121.35	5.75	0.86	36.988	0.26
121.4	5.87	0.49	37.004	0.15
121.45	5.94	0.42	37.019	0.13
121.5	5.47	0.79	37.034	0.24
121.55	5.23	0.36	37.049	0.11
121.6	5.12	0.43	37.065	0.13
121.65	5.06	0.43	37.08	0.13
121.7	5.03	0.43	37.095	0.13
121.75	5.01	0.38	37.11	0.12
121.8	5.01	0.78	37.126	0.24
121.85	5	0.43	37.141	0.13
121.9	4.5	0.45	37.156	0.14
121.95	4.25	0.43	37.171	0.13
122	4.63	0.41	37.186	0.13
122.05	4.81	0.42	37.202	0.13
122.1	4.41	0.38	37.217	0.12
122.15	4.2	0.78	37.232	0.24
122.2	4.6	0.83	37.247	0.25
122.25	4.8	0.85	37.263	0.26
122.3	4.9	1.44	37.278	0.44
122.35	4.95	0.78	37.293	0.24
122.4	4.98	0.81	37.308	0.25
122.45	4.99	0.92	37.324	0.28
122.5	4.49	5.14	37.339	1.57
122.55	4.25	7.5	37.354	2.29
122.6	4.12	1.65	37.369	0.5
122.65	4.06	3.03	37.385	0.92
122.7	4.03	1.22	37.4	0.37
122.75	4.02	1.16	37.415	0.35
122.8	4.01	0.78	37.43	0.24
122.85	3.5	2.53	37.446	0.77
122.9	3.75	0.56	37.461	0.17
122.95	3.88	0.6	37.476	0.18
123	3.94	0.95	37.491	0.29
123.05	3.97	3.35	37.507	1.02
123.1	3.98	0.74	37.522	0.22

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.15	3.99	1.31	37.537	0.4
123.2	4	0.65	37.552	0.2
123.25	4	2.88	37.567	0.88
123.3	4	0.82	37.583	0.25
123.35	4	1.69	37.598	0.52
123.4	4	0.59	37.613	0.18
123.45	4	3.26	37.628	0.99
123.5	4	3.59	37.644	1.09
123.55	4	2.82	37.659	0.86
123.6	4	2.45	37.674	0.75
123.65	4.5	3.18	37.689	0.97
123.7	4.25	2.45	37.705	0.75
123.75	4.12	1.9	37.72	0.58
123.8	4.06	2.87	37.735	0.87
123.85	4.03	2.58	37.75	0.79
123.9	4.52	2.59	37.766	0.79
123.95	4.26	1.54	37.781	0.47
124	4.13	2.89	37.796	0.88
124.05	4.06	0.71	37.811	0.22
124.1	4.03	1.58	37.827	0.48
124.15	4.02	0.76	37.842	0.23
124.2	4.51	0.78	37.857	0.24
124.25	4.25	0.6	37.872	0.18
124.3	4.13	1.58	37.888	0.48
124.35	4.06	0.83	37.903	0.25
124.4	4.03	0.72	37.918	0.22
124.45	4.02	0.66	37.933	0.2
124.5	4.01	1.61	37.949	0.49
124.55	4	0.56	37.964	0.17
124.6	4.5	0.82	37.979	0.25
124.65	4.75	0.86	37.994	0.26
124.7	4.38	3.9	38.009	1.19
124.75	4.69	2.33	38.025	0.71
124.8	4.84	1.89	38.04	0.57
124.85	4.42	3.07	38.055	0.94
124.9	4.21	1.78	38.07	0.54
124.95	4.11	2.45	38.086	0.75
125	4.05	3.8	38.101	1.16
125.05	4.03	1.96	38.116	0.6
125.1	4.01	1.09	38.131	0.33
125.15	4.01	1.09	38.147	0.33
125.2	4	0.97	38.162	0.29
125.25	4	1.01	38.177	0.31
125.3	4	0.87	38.192	0.27
125.35	4	1.04	38.208	0.32
125.4	4	1.03	38.223	0.31
125.45	4	1.39	38.238	0.43
125.5	4	1.37	38.253	0.42
125.55	4	1.26	38.269	0.38
125.6	4	1.37	38.284	0.42
125.65	4	1.19	38.299	0.36
125.7	4	1.12	38.314	0.34
125.75	4	1.18	38.33	0.36
125.8	4	1.57	38.345	0.48
125.85	4	1.03	38.36	0.32
125.9	4	1.56	38.375	0.47
125.95	4.5	3.03	38.39	0.92
126	4.25	2.2	38.406	0.67
126.05	4.12	2.46	38.421	0.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.1	4.56	1.53	38.436	0.47
126.15	4.78	3.26	38.451	0.99
126.2	4.89	1.6	38.467	0.49
126.25	4.95	3.35	38.482	1.02
126.3	4.97	1.67	38.497	0.51
126.35	4.99	2.3	38.512	0.7
126.4	4.99	1.65	38.528	0.5
126.45	5	1.48	38.543	0.45
126.5	5	1.24	38.558	0.38
126.55	5	1.23	38.573	0.38
126.6	5	1.6	38.589	0.49
126.65	5	1.04	38.604	0.32
126.7	5	1.12	38.619	0.34
126.75	5	1.15	38.634	0.35
126.8	5	1.51	38.65	0.46
126.85	5	1.09	38.665	0.33
126.9	5	1.32	38.68	0.4
126.95	5	0.96	38.695	0.29
127	5	1.08	38.711	0.33
127.05	5	0.73	38.726	0.22
127.1	5	1.49	38.741	0.45
127.15	5	0.83	38.756	0.25
127.2	5	1.45	38.772	0.44
127.25	5	0.95	38.787	0.29
127.3	5	1.72	38.802	0.52
127.35	5	0.96	38.817	0.29
127.4	5	1.44	38.832	0.44
127.45	5	1.05	38.848	0.32
127.5	5.5	1.01	38.863	0.31
127.55	5.25	2.18	38.878	0.66
127.6	5.12	2.3	38.893	0.7
127.65	5.56	3.2	38.909	0.98
127.7	5.28	2.6	38.924	0.79
127.75	5.64	3.03	38.939	0.92
127.8	5.82	1.2	38.954	0.37
127.85	5.41	3.7	38.97	1.13
127.9	5.71	0.71	38.985	0.22
127.95	5.85	1.14	39	0.35
128	5.93	0.99	39.015	0.3
128.05	5.96	2.51	39.031	0.76
128.1	5.98	1.38	39.046	0.42
128.15	5.49	1.84	39.061	0.56
128.2	5.75	1.65	39.076	0.5
128.25	6.37	4.25	39.092	1.3
128.3	6.69	1.14	39.107	0.35
128.35	6.84	1.7	39.122	0.52
128.4	6.92	1.17	39.137	0.36
128.45	6.46	5.01	39.153	1.53
128.5	6.23	4.19	39.168	1.28
128.55	6.12	2.51	39.183	0.77
128.6	5.56	2.89	39.198	0.88
128.65	5.28	4.45	39.214	1.36
128.7	5.14	2.97	39.229	0.9
128.75	5.07	5.22	39.244	1.59
128.8	5.03	4.08	39.259	1.24
128.85	5.52	3.85	39.274	1.17
128.9	5.26	4.43	39.29	1.35
128.95	5.63	3.38	39.305	1.03
129	5.81	4.03	39.32	1.23

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.05	5.91	1.83	39.335	0.56
129.1	5.95	4.9	39.351	1.49
129.15	5.98	1.37	39.366	0.42
129.2	5.99	2.01	39.381	0.61
129.25	5.99	1.69	39.396	0.52
129.3	6	3.06	39.412	0.93
129.35	6	1.53	39.427	0.47
129.4	5.5	2.01	39.442	0.61
129.45	5.25	2.08	39.457	0.63
129.5	5.12	3.6	39.473	1.1
129.55	5.06	2.05	39.488	0.62
129.6	5.53	1.47	39.503	0.45
129.65	5.77	1.69	39.518	0.52
129.7	5.38	4.23	39.534	1.29
129.75	5.69	2.72	39.549	0.83
129.8	5.85	2.73	39.564	0.83
129.85	5.92	3.7	39.579	1.13
129.9	6.46	2.43	39.595	0.74
129.95	6.23	3.51	39.61	1.07
130	5.62	4.53	39.625	1.38
130.05	5.31	2.31	39.64	0.7
130.1	5.15	2.7	39.655	0.82
130.15	5.08	2.04	39.671	0.62
130.2	5.54	1.19	39.686	0.36
130.25	5.77	1.66	39.701	0.51
130.3	5.38	0.95	39.716	0.29
130.35	5.69	1.18	39.732	0.36
130.4	5.85	0.95	39.747	0.29
130.45	5.92	1.02	39.762	0.31
130.5	5.46	0.89	39.777	0.27
130.55	5.23	1.33	39.793	0.41
130.6	5.12	1.28	39.808	0.39
130.65	5.56	1.45	39.823	0.44
130.7	5.28	1.11	39.838	0.34
130.75	5.14	1.33	39.854	0.4
130.8	5.07	1.26	39.869	0.39
130.85	5.53	0.91	39.884	0.28
130.9	5.77	1.19	39.899	0.36
130.95	5.88	1.85	39.915	0.56
131	5.94	1.33	39.93	0.4
131.05	5.47	1.66	39.945	0.51
131.1	5.74	1.63	39.96	0.5
131.15	5.37	2.5	39.976	0.76
131.2	5.18	1.62	39.991	0.49
131.25	5.09	1.91	40.006	0.58
131.3	5.05	1.13	40.021	0.34
131.35	5.52	2.06	40.037	0.63
131.4	5.26	1.07	40.052	0.33
131.45	5.13	1.01	40.067	0.31
131.5	5.07	1.64	40.082	0.5
131.55	5.03	0.71	40.097	0.22
131.6	5.02	0.77	40.113	0.24
131.65	5.01	0.7	40.128	0.21
131.7	5	1.11	40.143	0.34
131.75	5	0.68	40.158	0.21
131.8	5	0.6	40.174	0.18
131.85	5	0.71	40.189	0.22
131.9	5	1.02	40.204	0.31
131.95	5	0.71	40.219	0.22

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132	5	0.66	40.235	0.2
132.05	5	0.87	40.25	0.27
132.1	5	0.52	40.265	0.16
132.15	5	0.58	40.28	0.18
132.2	5.5	0.68	40.296	0.21
132.25	6.25	0.54	40.311	0.17
132.3	6.63	0.88	40.326	0.27
132.35	7.81	0.61	40.341	0.19
132.4	8.41	0.67	40.357	0.2
132.45	8.2	0.89	40.372	0.27
132.5	8.1	3.75	40.387	1.14
132.55	7.55	4.21	40.402	1.28
132.6	7.28	3.23	40.418	0.98
132.65	7.14	1.45	40.433	0.44
132.7	7.07	1.61	40.448	0.49
132.75	7.03	0.83	40.463	0.25
132.8	6.52	1.71	40.479	0.52
132.85	6.76	1.64	40.494	0.5
132.9	6.88	1.03	40.509	0.31
132.95	6.94	0.97	40.524	0.29
133	6.47	0.71	40.539	0.22
133.05	6.23	1.37	40.555	0.42
133.1	6.12	0.35	40.57	0.11
133.15	6.06	0.49	40.585	0.15
133.2	6.03	0.37	40.6	0.11
133.25	6.01	0.91	40.616	0.28
133.3	6.01	0.54	40.631	0.16
133.35	6	0.47	40.646	0.14
133.4	6	0.51	40.661	0.16
133.45	6	1.66	40.677	0.51
133.5	6	0.75	40.692	0.23
133.55	6	0.4	40.707	0.12
133.6	6	0.36	40.722	0.11
133.65	6.5	1.99	40.738	0.61
133.7	6.75	0.92	40.753	0.28
133.75	6.38	2.01	40.768	0.61
133.8	6.69	1.8	40.783	0.55
133.85	6.84	1.14	40.799	0.35
133.9	6.92	2.07	40.814	0.63
133.95	6.46	3.58	40.829	1.09
134	6.23	3.29	40.844	1
134.05	6.12	2.34	40.86	0.71
134.1	6.06	2.26	40.875	0.69
134.15	6.53	1.16	40.89	0.35
134.2	6.76	1.8	40.905	0.55
134.25	6.38	0.79	40.92	0.24
134.3	5.69	1.46	40.936	0.44
134.35	5.85	2.09	40.951	0.64
134.4	7.42	1.56	40.966	0.48
134.45	10.71	0.8	40.981	0.24
134.5	13.36	1.93	40.997	0.59
134.55	15.68	0.68	41.012	0.21
134.6	17.34	1.11	41.027	0.34
134.65	18.17	0.84	41.042	0.26
134.7	18.58	1.39	41.058	0.42
134.75	18.29	1.36	41.073	0.41
134.8	18.15	2.3	41.088	0.7
134.85	17.57	0.93	41.103	0.28
134.9	17.29	1.68	41.119	0.51

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
134.95	16.64	1.93	41.134	0.59
135	16.32	3.29	41.149	1
135.05	15.66	1.56	41.164	0.48
135.1	15.33	2.95	41.18	0.9
135.15	15.17	1.95	41.195	0.6
135.2	14.58	3.33	41.21	1.01
135.25	14.29	3.56	41.225	1.09
135.3	14.15	1.56	41.241	0.47
135.35	13.57	2.29	41.256	0.7
135.4	13.29	3.07	41.271	0.94
135.45	13.14	2.2	41.286	0.67
135.5	13.57	1.37	41.302	0.42
135.55	13.79	2.41	41.317	0.73
135.6	13.89	1.36	41.332	0.41
135.65	13.95	2.66	41.347	0.81
135.7	13.47	2.17	41.362	0.66
135.75	13.74	2.04	41.378	0.62
135.8	13.37	2	41.393	0.61
135.85	13.18	2.97	41.408	0.91
135.9	13.09	2.13	41.423	0.65
135.95	13.05	3.01	41.439	0.92
136	13.02	2.24	41.454	0.68
136.05	13.01	2.45	41.469	0.75
136.1	13.01	2.6	41.484	0.79
136.15	13	3.4	41.5	1.04
136.2	13	3.43	41.515	1.05
136.25	13	2.26	41.53	0.69
136.3	12.5	2.76	41.545	0.84
136.35	12.75	2.9	41.561	0.88
136.4	12.88	3.09	41.576	0.94
136.45	13.44	3.66	41.591	1.11
136.5	13.72	2.31	41.606	0.7
136.55	13.86	2.25	41.622	0.69
136.6	13.93	2.3	41.637	0.7
136.65	13.96	1.85	41.652	0.56
136.7	13.98	1.43	41.667	0.43
136.75	13.99	0.75	41.683	0.23
136.8	14.5	0.97	41.698	0.3

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 16:48

LOG END DEPTH: 167.456 FEET

LOG END TIME: Fri Jun 06 2008 19:13

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	1.5	3.78	0	1.15
0.05	5.75	6.08	0.015	1.85
0.1	8.88	5.22	0.03	1.59
0.15	9.94	9.18	0.046	2.8
0.2	13.47	9.13	0.061	2.78
0.25	11.23	8.42	0.076	2.57
0.3	13.12	11.24	0.091	3.43
0.35	29.56	9.01	0.107	2.75
0.4	33.28	12.12	0.122	3.69
0.45	29.64	9.62	0.137	2.93
0.5	23.32	10.62	0.152	3.24
0.55	21.16	10.27	0.168	3.13
0.6	32.58	9.95	0.183	3.03
0.65	36.29	12.87	0.198	3.92
0.7	34.64	9.37	0.213	2.86
0.75	32.32	11.89	0.229	3.62
0.8	32.66	11.61	0.244	3.54
0.85	30.33	11.46	0.259	3.49
0.9	23.67	10.17	0.274	3.1
0.95	19.83	10.73	0.29	3.27
1	17.92	9.97	0.305	3.04
1.05	15.46	11.15	0.32	3.4
1.1	14.73	9.31	0.335	2.84
1.15	15.86	10.84	0.351	3.3
1.2	14.93	10.85	0.366	3.31
1.25	15.97	10.5	0.381	3.2
1.3	18.48	10.77	0.396	3.28
1.35	20.24	9.1	0.411	2.78
1.4	21.12	10.21	0.427	3.11
1.45	21.56	9.78	0.442	2.98
1.5	21.78	10.83	0.457	3.3
1.55	21.89	12.07	0.472	3.68
1.6	20.95	11.15	0.488	3.4
1.65	19.97	9.15	0.503	2.79
1.7	19.49	10.42	0.518	3.18
1.75	18.74	11.68	0.533	3.56
1.8	18.37	10.1	0.549	3.08
1.85	15.69	11.04	0.564	3.37
1.9	16.84	9.93	0.579	3.03
1.95	16.42	9.75	0.594	2.97
2	13.71	12.45	0.61	3.8
2.05	12.86	12.07	0.625	3.68
2.1	12.43	11.74	0.64	3.58
2.15	12.21	13.18	0.655	4.02

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	12.61	13.21	0.671	4.03
2.25	13.3	13.23	0.686	4.03
2.3	13.65	11.92	0.701	3.63
2.35	15.83	11.88	0.716	3.62
2.4	19.41	13.32	0.732	4.06
2.45	22.21	11.86	0.747	3.61
2.5	23.6	14.44	0.762	4.4
2.55	23.3	3.01	0.777	0.92
2.6	25.65	8.95	0.792	2.73
2.65	16.83	8.18	0.808	2.49
2.7	25.91	6.65	0.823	2.03
2.75	31.46	8.68	0.838	2.65
2.8	32.23	12.37	0.853	3.77
2.85	31.11	10.58	0.869	3.22
2.9	30.56	10.69	0.884	3.26
2.95	31.28	11	0.899	3.35
3	30.14	11.05	0.914	3.37
3.05	29.57	11.07	0.93	3.38
3.1	29.78	11.42	0.945	3.48
3.15	30.39	10.95	0.96	3.34
3.2	30.7	14.18	0.975	4.32
3.25	32.35	12.7	0.991	3.87
3.3	33.67	14.79	1.006	4.51
3.35	33.84	13	1.021	3.96
3.4	33.92	12.69	1.036	3.87
3.45	34.96	10.58	1.052	3.23
3.5	36.48	10.32	1.067	3.15
3.55	36.74	11.75	1.082	3.58
3.6	39.37	10.9	1.097	3.32
3.65	40.18	12.28	1.113	3.74
3.7	41.59	10.01	1.128	3.05
3.75	42.3	10.24	1.143	3.12
3.8	43.15	8.05	1.158	2.45
3.85	43.07	3.12	1.173	0.95
3.9	45.54	4.78	1.189	1.46
3.95	48.77	7.2	1.204	2.19
4	49.38	10	1.219	3.05
4.05	52.19	11.9	1.234	3.63
4.1	52.1	10.81	1.25	3.29
4.15	58.05	13.23	1.265	4.03
4.2	67.02	13.68	1.28	4.17
4.25	68.51	14.83	1.295	4.52
4.3	114.26	13.18	1.311	4.02
4.35	89.63	14.02	1.326	4.27
4.4	68.31	13.32	1.341	4.06
4.45	57.66	15.45	1.356	4.71
4.5	52.33	12.03	1.372	3.67
4.55	47.66	12.88	1.387	3.93
4.6	44.83	11.88	1.402	3.62
4.65	44.92	11.2	1.417	3.42
4.7	46.96	11.53	1.433	3.51
4.75	48.48	11.49	1.448	3.5
4.8	49.24	13.85	1.463	4.22
4.85	50.12	13.11	1.478	4
4.9	50.56	10.98	1.494	3.35
4.95	51.78	13.84	1.509	4.22
5	52.39	10.12	1.524	3.09
5.05	52.19	13.3	1.539	4.05
5.1	51.6	13.16	1.554	4.01
5.15	51.8	13.26	1.57	4.04
5.2	51.9	10.82	1.585	3.3
5.25	50.95	12.03	1.6	3.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	50.47	13.43	1.615	4.09
5.35	48.74	14.38	1.631	4.38
5.4	46.87	13.68	1.646	4.17
5.45	47.43	12.26	1.661	3.74
5.5	48.72	16.23	1.676	4.95
5.55	49.86	11.51	1.692	3.51
5.6	51.93	12.58	1.707	3.83
5.65	51.96	13.09	1.722	3.99
5.7	51.98	14.84	1.737	4.52
5.75	50.99	13.54	1.753	4.13
5.8	51.5	14.25	1.768	4.34
5.85	50.75	14.56	1.783	4.44
5.9	49.37	15.45	1.798	4.71
5.95	47.69	16.11	1.814	4.91
6	46.84	13.84	1.829	4.22
6.05	45.92	16.53	1.844	5.04
6.1	46.46	12.66	1.859	3.86
6.15	46.73	14.35	1.875	4.37
6.2	49.37	13.92	1.89	4.24
6.25	50.68	13.18	1.905	4.02
6.3	54.84	13.76	1.92	4.2
6.35	52.42	13.83	1.935	4.22
6.4	50.71	15.17	1.951	4.62
6.45	48.36	15.4	1.966	4.69
6.5	46.68	14.68	1.981	4.47
6.55	45.84	13.4	1.996	4.09
6.6	46.42	13.84	2.012	4.22
6.65	46.21	14.08	2.027	4.29
6.7	46.1	12.03	2.042	3.67
6.75	46.05	14.78	2.057	4.51
6.8	46.53	13.82	2.073	4.21
6.85	45.76	14.62	2.088	4.46
6.9	44.88	15.51	2.103	4.73
6.95	44.44	14.64	2.118	4.46
7	43.72	15.11	2.134	4.6
7.05	43.36	14.7	2.149	4.48
7.1	43.18	16.93	2.164	5.16
7.15	42.09	14.16	2.179	4.32
7.2	42.05	13.95	2.195	4.25
7.25	42.02	13.96	2.21	4.26
7.3	41.51	13.51	2.225	4.12
7.35	41.26	15.71	2.24	4.79
7.4	41.63	16.86	2.256	5.14
7.45	41.31	12.75	2.271	3.89
7.5	40.16	1.59	2.286	0.48
7.55	39.58	2	2.301	0.61
7.6	39.79	4.43	2.316	1.35
7.65	39.89	7.76	2.332	2.37
7.7	39.95	6.34	2.347	1.93
7.75	40.47	7.98	2.362	2.43
7.8	40.74	11.14	2.377	3.4
7.85	40.87	9.49	2.393	2.89
7.9	40.93	12.96	2.408	3.95
7.95	41.47	10.34	2.423	3.15
8	42.23	12.75	2.438	3.89
8.05	42.12	13.35	2.454	4.07
8.1	41.56	14.21	2.469	4.33
8.15	41.28	10.73	2.484	3.27
8.2	40.64	14.94	2.499	4.55
8.25	40.32	14.04	2.515	4.28
8.3	39.66	16.71	2.53	5.09
8.35	39.83	15.7	2.545	4.78

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	39.91	14.1	2.56	4.3
8.45	39.46	15.97	2.576	4.87
8.5	38.73	15.33	2.591	4.67
8.55	39.36	13.15	2.606	4.01
8.6	39.18	13.52	2.621	4.12
8.65	39.59	15.09	2.637	4.6
8.7	38.8	13.61	2.652	4.15
8.75	38.9	14.76	2.667	4.5
8.8	38.95	13.17	2.682	4.01
8.85	38.47	16.89	2.697	5.15
8.9	38.24	15.36	2.713	4.68
8.95	39.12	15.51	2.728	4.73
9	39.06	16.12	2.743	4.91
9.05	38.53	14.35	2.758	4.37
9.1	38.76	16.43	2.774	5.01
9.15	38.38	16.17	2.789	4.93
9.2	38.19	15.21	2.804	4.64
9.25	37.6	16.4	2.819	5
9.3	37.8	15.95	2.835	4.86
9.35	37.9	17.42	2.85	5.31
9.4	37.95	15.47	2.865	4.72
9.45	37.97	16.53	2.88	5.04
9.5	37.49	16.15	2.896	4.92
9.55	37.24	16.42	2.911	5
9.6	37.62	16.46	2.926	5.02
9.65	37.81	18.22	2.941	5.55
9.7	37.91	14.86	2.957	4.53
9.75	37.45	15.02	2.972	4.58
9.8	37.73	15.35	2.987	4.68
9.85	37.86	18.39	3.002	5.6
9.9	37.93	14.27	3.018	4.35
9.95	37.97	13.76	3.033	4.2
10	37.48	15.4	3.048	4.69
10.05	37.24	15.48	3.063	4.72
10.1	36.62	14.35	3.078	4.38
10.15	36.81	15.69	3.094	4.78
10.2	36.91	15.33	3.109	4.67
10.25	36.45	14.69	3.124	4.48
10.3	36.73	14.68	3.139	4.47
10.35	36.86	16.49	3.155	5.03
10.4	37.43	16.59	3.17	5.06
10.45	37.22	15.36	3.185	4.68
10.5	37.11	17.31	3.2	5.28
10.55	37.55	17.34	3.216	5.28
10.6	37.78	17.24	3.231	5.26
10.65	36.89	17.17	3.246	5.23
10.7	36.94	16.94	3.261	5.16
10.75	36.97	15.29	3.277	4.66
10.8	37.49	17.17	3.292	5.23
10.85	36.74	15.89	3.307	4.84
10.9	36.87	16.75	3.322	5.11
10.95	36.94	19.1	3.338	5.82
11	36.47	18.17	3.353	5.54
11.05	36.73	18	3.368	5.49
11.1	36.37	19.21	3.383	5.86
11.15	36.68	16.71	3.399	5.09
11.2	36.84	17.87	3.414	5.45
11.25	36.92	16.51	3.429	5.03
11.3	37.46	15.2	3.444	4.63
11.35	36.73	15.44	3.459	4.71
11.4	36.37	15.95	3.475	4.86
11.45	36.18	16.56	3.49	5.05

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	36.59	18.9	3.505	5.76
11.55	37.3	16.55	3.52	5.04
11.6	37.65	17.53	3.536	5.34
11.65	36.82	16.3	3.551	4.97
11.7	36.91	16.74	3.566	5.1
11.75	36.96	20.32	3.581	6.19
11.8	37.48	17.97	3.597	5.48
11.85	37.74	17.71	3.612	5.4
11.9	37.87	17.4	3.627	5.3
11.95	37.43	17.58	3.642	5.36
12	37.22	17.66	3.658	5.38
12.05	37.61	16.36	3.673	4.99
12.1	37.8	19.07	3.688	5.81
12.15	37.4	16.87	3.703	5.14
12.2	37.7	17.47	3.719	5.32
12.25	37.85	18.18	3.734	5.54
12.3	37.93	16.05	3.749	4.89
12.35	37.96	16.72	3.764	5.1
12.4	37.48	18.38	3.78	5.6
12.45	37.24	17.18	3.795	5.24
12.5	37.62	0	3.81	0
12.55	37.31	1.71	3.825	0.52
12.6	37.16	4.23	3.84	1.29
12.65	37.08	7.63	3.856	2.33
12.7	36.54	9.6	3.871	2.92
12.75	36.27	11.39	3.886	3.47
12.8	36.13	15.36	3.901	4.68
12.85	36.07	12.89	3.917	3.93
12.9	36.03	15.32	3.932	4.67
12.95	35.52	15.37	3.947	4.68
13	35.26	17.72	3.962	5.4
13.05	35.13	17.01	3.978	5.19
13.1	35.06	19.32	3.993	5.89
13.15	35.03	18.61	4.008	5.67
13.2	35.52	19.28	4.023	5.88
13.25	35.26	19.7	4.039	6
13.3	35.13	18.53	4.054	5.65
13.35	35.06	18.52	4.069	5.64
13.4	34.53	20.97	4.084	6.39
13.45	34.77	17.9	4.1	5.46
13.5	34.38	17.61	4.115	5.37
13.55	33.69	18.08	4.13	5.51
13.6	33.85	15.57	4.145	4.75
13.65	33.42	15.94	4.161	4.86
13.7	33.21	19.54	4.176	5.96
13.75	32.61	17.34	4.191	5.29
13.8	32.3	14.78	4.206	4.5
13.85	32.65	17.95	4.221	5.47
13.9	32.83	18.31	4.237	5.58
13.95	33.41	16.64	4.252	5.07
14	33.71	15.98	4.267	4.87
14.05	33.85	17.76	4.282	5.41
14.1	34.93	18.66	4.298	5.69
14.15	34.96	16.32	4.313	4.98
14.2	34.98	18.9	4.328	5.76
14.25	33.99	20.74	4.343	6.32
14.3	33	18.23	4.359	5.56
14.35	33.5	18.55	4.374	5.66
14.4	34.25	17.86	4.389	5.44
14.45	34.12	19.69	4.404	6
14.5	34.56	16.36	4.42	4.99
14.55	33.78	18.63	4.435	5.68

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14.6	33.39	18.32	4.45	5.58
14.65	33.7	18.37	4.465	5.6
14.7	33.85	16.71	4.481	5.09
14.75	33.42	19.47	4.496	5.93
14.8	33.21	16.58	4.511	5.05
14.85	32.61	17.74	4.526	5.41
14.9	32.3	16.65	4.542	5.08
14.95	31.65	17.09	4.557	5.21
15	31.83	17.06	4.572	5.2
15.05	31.41	15.83	4.587	4.83
15.1	31.71	17.02	4.602	5.19
15.15	31.35	18.2	4.618	5.55
15.2	30.68	17.19	4.633	5.24
15.25	30.84	20.01	4.648	6.1
15.3	30.92	17.1	4.663	5.21
15.35	30.96	19.15	4.679	5.84
15.4	30.98	22.17	4.694	6.76
15.45	30.99	18.94	4.709	5.77
15.5	30.99	17.7	4.724	5.39
15.55	31	18.34	4.74	5.59
15.6	31	21.02	4.755	6.41
15.65	31	17.09	4.77	5.21
15.7	31	19.53	4.785	5.95
15.75	31	19.97	4.801	6.09
15.8	31.5	19.92	4.816	6.07
15.85	32.25	18.42	4.831	5.61
15.9	32.62	19.84	4.846	6.05
15.95	32.81	19.76	4.862	6.02
16	33.41	18.44	4.877	5.62
16.05	33.7	18.48	4.892	5.63
16.1	33.85	18.66	4.907	5.69
16.15	33.93	18.4	4.923	5.61
16.2	33.96	19.83	4.938	6.04
16.25	33.98	18.61	4.953	5.67
16.3	34.49	18.56	4.968	5.66
16.35	34.75	19.25	4.983	5.87
16.4	34.37	16.34	4.999	4.98
16.45	33.69	19.75	5.014	6.02
16.5	33.84	18.33	5.029	5.59
16.55	33.92	18.04	5.044	5.5
16.6	33.96	16.36	5.06	4.99
16.65	33.98	18.68	5.075	5.69
16.7	33.99	16.57	5.09	5.05
16.75	34	18.46	5.105	5.63
16.8	34	19.42	5.121	5.92
16.85	34	16.74	5.136	5.1
16.9	33.5	16.01	5.151	4.88
16.95	33.25	15.41	5.166	4.7
17	33.62	15.38	5.182	4.69
17.05	33.81	15.14	5.197	4.62
17.1	34.41	16.05	5.212	4.89
17.15	34.7	15.72	5.227	4.79
17.2	34.85	16.58	5.243	5.05
17.25	34.43	14.98	5.258	4.57
17.3	34.21	15.13	5.273	4.61
17.35	33.61	14.88	5.288	4.54
17.4	32.8	14.5	5.304	4.42
17.45	32.4	10.59	5.319	3.23
17.5	32.7	4.11	5.334	1.25
17.55	33.35	3.05	5.349	0.93
17.6	34.18	5.36	5.364	1.63
17.65	35.09	7.05	5.38	2.15

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17.7	35.54	8.31	5.395	2.53
17.75	36.27	7.91	5.41	2.41
17.8	36.14	8.32	5.425	2.54
17.85	35.57	4.01	5.441	1.22
17.9	34.78	6.67	5.456	2.03
17.95	33.89	6.42	5.471	1.96
18	33.95	7.73	5.486	2.36
18.05	33.97	6.09	5.502	1.86
18.1	33.99	6.22	5.517	1.9
18.15	33.99	7.86	5.532	2.4
18.2	33.5	7.23	5.547	2.2
18.25	33.25	8.07	5.563	2.46
18.3	33.62	5.88	5.578	1.79
18.35	32.81	9.55	5.593	2.91
18.4	32.91	9.1	5.608	2.77
18.45	32.95	7.95	5.624	2.42
18.5	32.48	8.19	5.639	2.5
18.55	32.74	7.15	5.654	2.18
18.6	32.87	6.85	5.669	2.09
18.65	32.93	8.89	5.685	2.71
18.7	32.97	6.8	5.7	2.07
18.75	32.48	7.76	5.715	2.36
18.8	32.24	7.17	5.73	2.19
18.85	32.12	9.92	5.745	3.02
18.9	32.06	9.93	5.761	3.03
18.95	32.03	11.38	5.776	3.47
19	32.02	10.76	5.791	3.28
19.05	32.01	11.54	5.806	3.52
19.1	31.5	13.36	5.822	4.07
19.15	31.75	13.7	5.837	4.17
19.2	31.38	12.33	5.852	3.76
19.25	31.19	14.46	5.867	4.41
19.3	31.09	12.28	5.883	3.74
19.35	30.55	13.51	5.898	4.12
19.4	30.77	12.45	5.913	3.8
19.45	30.39	14.84	5.928	4.52
19.5	30.19	14.24	5.944	4.34
19.55	30.6	12.75	5.959	3.89
19.6	30.8	13.71	5.974	4.18
19.65	30.4	14.73	5.989	4.49
19.7	30.2	16.13	6.005	4.92
19.75	30.1	16.07	6.02	4.9
19.8	30.05	17.03	6.035	5.19
19.85	29.52	13.45	6.05	4.1
19.9	29.76	14.59	6.066	4.45
19.95	29.88	13.9	6.081	4.24
20	29.94	15.62	6.096	4.76
20.05	29.97	11.75	6.111	3.58
20.1	29.99	13.72	6.126	4.18
20.15	29.99	12.09	6.142	3.69
20.2	30	11.35	6.157	3.46
20.25	30	12.78	6.172	3.9
20.3	29.5	14.94	6.187	4.55
20.35	29.25	12.18	6.203	3.71
20.4	29.62	13.68	6.218	4.17
20.45	29.31	12.56	6.233	3.83
20.5	29.16	14.22	6.248	4.33
20.55	29.08	13.5	6.264	4.11
20.6	28.54	16	6.279	4.88
20.65	28.27	15.14	6.294	4.61
20.7	28.13	14.62	6.309	4.46
20.75	28.07	13.98	6.325	4.26

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20.8	28.03	13.93	6.34	4.25
20.85	28.02	14.51	6.355	4.42
20.9	28.01	14.85	6.37	4.53
20.95	28.5	13.62	6.386	4.15
21	29.25	14.32	6.401	4.36
21.05	29.63	12.21	6.416	3.72
21.1	29.81	12.76	6.431	3.89
21.15	29.41	12.32	6.447	3.75
21.2	29.2	11.79	6.462	3.59
21.25	29.1	12.11	6.477	3.69
21.3	29.05	11.02	6.492	3.36
21.35	29.03	13.01	6.507	3.97
21.4	29.51	12.15	6.523	3.7
21.45	30.26	12.9	6.538	3.93
21.5	31.13	10.84	6.553	3.3
21.55	31.56	8.11	6.568	2.47
21.6	31.78	5.58	6.584	1.7
21.65	31.89	5.72	6.599	1.74
21.7	31.45	7.27	6.614	2.21
21.75	30.72	7.61	6.629	2.32
21.8	30.36	7.71	6.645	2.35
21.85	30.18	9.59	6.66	2.92
21.9	30.09	9.36	6.675	2.85
21.95	30.55	9.46	6.69	2.88
22	31.27	9.46	6.706	2.88
22.05	31.64	9.31	6.721	2.84
22.1	31.82	10.44	6.736	3.18
22.15	31.91	9.87	6.751	3.01
22.2	32.95	10.56	6.767	3.22
22.25	32.98	8.94	6.782	2.73
22.3	33.49	8.8	6.797	2.68
22.35	33.74	9.75	6.812	2.97
22.4	33.37	8.64	6.828	2.63
22.45	33.19	7.82	6.843	2.38
22.5	32.59	2.67	6.858	0.81
22.55	32.8	1.02	6.873	0.31
22.6	32.4	5.76	6.888	1.75
22.65	32.7	7.63	6.904	2.32
22.7	32.85	7.29	6.919	2.22
22.75	32.92	5.71	6.934	1.74
22.8	33.46	4.81	6.949	1.46
22.85	33.23	6.14	6.965	1.87
22.9	33.12	7.99	6.98	2.44
22.95	32.56	7.85	6.995	2.39
23	33.28	11.39	7.01	3.47
23.05	33.14	10.69	7.026	3.26
23.1	33.07	9.66	7.041	2.94
23.15	32.53	12.61	7.056	3.84
23.2	32.27	13.73	7.071	4.19
23.25	32.13	10.8	7.087	3.29
23.3	32.07	12.16	7.102	3.71
23.35	32.03	12.75	7.117	3.89
23.4	31.52	15.06	7.132	4.59
23.45	31.26	15.99	7.148	4.87
23.5	31.63	13.91	7.163	4.24
23.55	31.31	12.78	7.178	3.89
23.6	30.66	11.34	7.193	3.46
23.65	30.33	14.01	7.208	4.27
23.7	30.66	13.29	7.224	4.05
23.75	30.83	11.66	7.239	3.55
23.8	30.42	7.4	7.254	2.25
23.85	29.21	10.31	7.269	3.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	27.6	9.03	7.285	2.75
23.95	26.3	9.53	7.3	2.91
24	26.65	9.48	7.315	2.89
24.05	26.83	10.39	7.33	3.17
24.1	27.41	10.53	7.346	3.21
24.15	28.21	11.62	7.361	3.54
24.2	27.6	9.52	7.376	2.9
24.25	27.3	9.84	7.391	3
24.3	25.15	10.82	7.407	3.3
24.35	24.08	10.33	7.422	3.15
24.4	22.04	12.52	7.437	3.82
24.45	21.02	11.02	7.452	3.36
24.5	20.01	11.56	7.468	3.52
24.55	18.5	9.48	7.483	2.89
24.6	18.25	10.54	7.498	3.21
24.65	18.63	9.92	7.513	3.02
24.7	19.81	10.7	7.529	3.26
24.75	19.91	10.24	7.544	3.12
24.8	19.95	13.39	7.559	4.08
24.85	19.98	10.84	7.574	3.31
24.9	19.99	11.03	7.589	3.36
24.95	20.49	11.45	7.605	3.49
25	20.25	12.09	7.62	3.68
25.05	20.12	10.48	7.635	3.19
25.1	20.56	10.73	7.65	3.27
25.15	20.78	12.3	7.666	3.75
25.2	20.89	10.39	7.681	3.17
25.25	20.95	8.98	7.696	2.74
25.3	21.97	8.96	7.711	2.73
25.35	22.49	8.5	7.727	2.59
25.4	23.24	8.23	7.742	2.51
25.45	23.62	8.37	7.757	2.55
25.5	23.81	8.66	7.772	2.64
25.55	23.41	8.36	7.788	2.55
25.6	23.2	8.47	7.803	2.58
25.65	23.1	7.55	7.818	2.3
25.7	22.55	7.93	7.833	2.42
25.75	22.78	6.7	7.849	2.04
25.8	22.89	5.68	7.864	1.73
25.85	22.94	5.39	7.879	1.64
25.9	23.97	6.96	7.894	2.12
25.95	24.49	5.57	7.91	1.7
26	24.24	5	7.925	1.52
26.05	25.12	6.77	7.94	2.06
26.1	26.06	6.24	7.955	1.9
26.15	26.53	5.09	7.97	1.55
26.2	27.77	6.17	7.986	1.88
26.25	28.38	5.67	8.001	1.73
26.3	28.69	4.76	8.016	1.45
26.35	29.35	5.97	8.031	1.82
26.4	30.17	5.25	8.047	1.6
26.45	31.09	6.6	8.062	2.01
26.5	31.54	8.05	8.077	2.45
26.55	31.27	6.31	8.092	1.92
26.6	31.64	5.77	8.108	1.76
26.65	31.82	5.11	8.123	1.56
26.7	31.91	5.29	8.138	1.61
26.75	31.95	6.07	8.153	1.85
26.8	32.48	6.86	8.169	2.09
26.85	32.74	5.28	8.184	1.61
26.9	33.37	5.73	8.199	1.75
26.95	33.68	6.9	8.214	2.1

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	34.34	5.02	8.23	1.53
27.05	34.17	6.91	8.245	2.11
27.1	34.09	5.19	8.26	1.58
27.15	34.04	6.25	8.275	1.91
27.2	34.52	7.37	8.291	2.25
27.25	34.26	7.22	8.306	2.2
27.3	34.13	6.99	8.321	2.13
27.35	33.07	5.07	8.336	1.54
27.4	32.53	6.31	8.351	1.92
27.45	32.77	7.06	8.367	2.15
27.5	32.38	0.26	8.382	0.08
27.55	31.69	4.47	8.397	1.36
27.6	31.85	6.6	8.412	2.01
27.65	31.92	5.76	8.428	1.76
27.7	32.46	6.07	8.443	1.85
27.75	32.73	1.53	8.458	0.47
27.8	32.87	3.07	8.473	0.94
27.85	32.43	4.46	8.489	1.36
27.9	32.72	6.27	8.504	1.91
27.95	32.36	5.13	8.519	1.56
28	31.68	5.16	8.534	1.57
28.05	30.84	7.33	8.55	2.23
28.1	31.42	6.15	8.565	1.88
28.15	30.21	5.2	8.58	1.58
28.2	28.1	5.15	8.595	1.57
28.25	26.55	7.86	8.611	2.4
28.3	25.78	6.81	8.626	2.08
28.35	25.89	7.08	8.641	2.16
28.4	25.44	6.03	8.656	1.84
28.45	24.72	6.25	8.672	1.91
28.5	24.36	6.3	8.687	1.92
28.55	23.68	5.23	8.702	1.59
28.6	23.84	7.97	8.717	2.43
28.65	24.42	7.24	8.732	2.21
28.7	25.21	8.16	8.748	2.49
28.75	25.61	9.29	8.763	2.83
28.8	26.3	8.39	8.778	2.56
28.85	26.65	10.41	8.793	3.17
28.9	26.83	6.97	8.809	2.12
28.95	26.91	10.55	8.824	3.21
29	25.96	8.39	8.839	2.56
29.05	24.98	7.44	8.854	2.27
29.1	24.49	6.13	8.87	1.87
29.15	24.24	8.4	8.885	2.56
29.2	23.62	7.67	8.9	2.34
29.25	23.31	5.12	8.915	1.56
29.3	23.66	6.26	8.931	1.91
29.35	24.83	4.84	8.946	1.48
29.4	25.91	6.52	8.961	1.99
29.45	27.46	6.08	8.976	1.85
29.5	28.73	6.06	8.992	1.85
29.55	30.86	5.64	9.007	1.72
29.6	30.43	6.05	9.022	1.84
29.65	27.72	7.18	9.037	2.19
29.7	22.86	7.67	9.053	2.34
29.75	18.43	6.64	9.068	2.02
29.8	16.21	5.94	9.083	1.81
29.85	14.61	5.63	9.098	1.71
29.9	15.3	6.2	9.113	1.89
29.95	18.65	6.69	9.129	2.04
30	20.83	5.57	9.144	1.7
30.05	21.91	9	9.159	2.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	22.46	8.77	9.174	2.67
30.15	24.73	5.8	9.19	1.77
30.2	27.36	5.95	9.205	1.81
30.25	29.18	8.3	9.22	2.53
30.3	30.59	5.54	9.235	1.69
30.35	31.3	4.7	9.251	1.43
30.4	32.15	5.47	9.266	1.67
30.45	31.57	3.97	9.281	1.21
30.5	31.29	5.82	9.296	1.77
30.55	32.64	4.66	9.312	1.42
30.6	32.82	5.72	9.327	1.74
30.65	32.91	5.64	9.342	1.72
30.7	31.96	5.86	9.357	1.79
30.75	30.48	5.7	9.373	1.74
30.8	29.24	6.54	9.388	1.99
30.85	28.12	8.03	9.403	2.45
30.9	27.06	4.8	9.418	1.46
30.95	25.53	7.32	9.434	2.23
31	25.76	4.8	9.449	1.46
31.05	25.88	7.16	9.464	2.18
31.1	26.94	5.87	9.479	1.79
31.15	27.97	7.37	9.494	2.25
31.2	28.49	6.11	9.51	1.86
31.25	29.24	7.35	9.525	2.24
31.3	30.12	6.3	9.54	1.92
31.35	32.56	7.23	9.555	2.21
31.4	34.78	6.44	9.571	1.96
31.45	35.39	6.25	9.586	1.91
31.5	35.7	5.62	9.601	1.71
31.55	36.35	6.19	9.616	1.89
31.6	36.67	4.86	9.632	1.48
31.65	36.84	5.93	9.647	1.81
31.7	36.92	5.06	9.662	1.54
31.75	37.46	7.04	9.677	2.15
31.8	37.73	6.63	9.693	2.02
31.85	37.36	7.94	9.708	2.42
31.9	37.68	4.99	9.723	1.52
31.95	37.84	5.53	9.738	1.69
32	37.42	5.44	9.754	1.66
32.05	36.71	8.08	9.769	2.46
32.1	36.36	7.58	9.784	2.31
32.15	35.68	4.85	9.799	1.48
32.2	34.84	6.64	9.814	2.02
32.25	34.42	6.43	9.83	1.96
32.3	34.21	5.78	9.845	1.76
32.35	34.1	5.3	9.86	1.62
32.4	34.05	6.17	9.875	1.88
32.45	34.03	3.96	9.891	1.21
32.5	34.01	0	9.906	0
32.55	33.01	4.14	9.921	1.26
32.6	33	5.54	9.936	1.69
32.65	32.5	4.69	9.952	1.43
32.7	32.25	6.82	9.967	2.08
32.75	32.13	5.3	9.982	1.62
32.8	32.06	2.43	9.997	0.74
32.85	32.03	3.15	10.013	0.96
32.9	32.02	4.67	10.028	1.42
32.95	32.01	4.23	10.043	1.29
33	32	5.04	10.058	1.54
33.05	32	7.04	10.074	2.15
33.1	32.5	6.53	10.089	1.99
33.15	32.75	6.28	10.104	1.91

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	32.88	10.97	10.119	3.34
33.25	32.44	7.93	10.135	2.42
33.3	31.72	8.17	10.15	2.49
33.35	30.86	7.24	10.165	2.21
33.4	29.93	10.01	10.18	3.05
33.45	28.96	7.66	10.195	2.33
33.5	28.48	7.56	10.211	2.3
33.55	28.74	7.28	10.226	2.22
33.6	28.87	9.33	10.241	2.84
33.65	28.94	9.31	10.256	2.84
33.7	28.97	10.09	10.272	3.08
33.75	29.48	7.8	10.287	2.38
33.8	29.24	9.52	10.302	2.9
33.85	30.12	7.98	10.317	2.43
33.9	30.06	9.06	10.333	2.76
33.95	29.53	8.12	10.348	2.48
34	29.77	9.47	10.363	2.89
34.05	29.88	9.23	10.378	2.81
34.1	29.44	9.15	10.394	2.79
34.15	29.22	8.23	10.409	2.51
34.2	29.11	7.28	10.424	2.22
34.25	29.56	8.72	10.439	2.66
34.3	29.78	8.87	10.455	2.7
34.35	31.39	8.2	10.47	2.5
34.4	31.69	5.71	10.485	1.74
34.45	31.85	8.18	10.5	2.49
34.5	31.42	8.59	10.516	2.62
34.55	30.71	7.85	10.531	2.39
34.6	30.86	9.52	10.546	2.9
34.65	30.43	8.48	10.561	2.58
34.7	29.71	7.13	10.576	2.17
34.75	29.36	6.75	10.592	2.06
34.8	28.68	6.96	10.607	2.12
34.85	27.84	7.68	10.622	2.34
34.9	27.42	9.55	10.637	2.91
34.95	27.71	9.15	10.653	2.79
35	27.35	9.01	10.668	2.75
35.05	27.18	10	10.683	3.05
35.1	26.59	9.22	10.698	2.81
35.15	25.29	7.86	10.714	2.4
35.2	24.15	9.44	10.729	2.88
35.25	23.57	10.75	10.744	3.28
35.3	23.79	9.32	10.759	2.84
35.35	24.39	9.18	10.775	2.8
35.4	25.2	9.86	10.79	3
35.45	26.1	9.02	10.805	2.75
35.5	26.55	8.61	10.82	2.62
35.55	26.77	7.55	10.836	2.3
35.6	26.89	8.98	10.851	2.74
35.65	26.94	7.79	10.866	2.37
35.7	26.97	7.94	10.881	2.42
35.75	26.99	8.55	10.897	2.61
35.8	26.49	8.74	10.912	2.66
35.85	25.75	9.2	10.927	2.81
35.9	25.87	8.22	10.942	2.5
35.95	25.94	7.97	10.957	2.43
36	25.97	8.26	10.973	2.52
36.05	25.98	8.94	10.988	2.73
36.1	26.49	7.65	11.003	2.33
36.15	26.75	9.04	11.018	2.76
36.2	27.37	7.8	11.034	2.38
36.25	27.69	10.06	11.049	3.07

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36.3	27.84	9.27	11.064	2.83
36.35	27.92	10.82	11.079	3.3
36.4	27.96	9.18	11.095	2.8
36.45	27.98	8.86	11.11	2.7
36.5	27.99	8.12	11.125	2.48
36.55	28.5	9.79	11.14	2.99
36.6	28.75	8.23	11.156	2.51
36.65	28.37	9.74	11.171	2.97
36.7	28.19	9.22	11.186	2.81
36.75	28.59	8.02	11.201	2.44
36.8	28.3	8.42	11.217	2.57
36.85	28.15	9.36	11.232	2.85
36.9	28.07	8.29	11.247	2.53
36.95	28.04	8.68	11.262	2.65
37	28.02	8.77	11.278	2.67
37.05	28.01	7.57	11.293	2.31
37.1	28	8.86	11.308	2.7
37.15	28	8.42	11.323	2.57
37.2	28	8.11	11.338	2.47
37.25	28	8	11.354	2.44
37.3	28	9.48	11.369	2.89
37.35	28	8.68	11.384	2.65
37.4	28	7.77	11.399	2.37
37.45	28.5	5.78	11.415	1.76
37.5	27.75	2.33	11.43	0.71
37.55	27.38	6.64	11.445	2.02
37.6	27.69	5.35	11.46	1.63
37.65	27.84	5.57	11.476	1.7
37.7	27.92	7.82	11.491	2.38
37.75	27.96	6.65	11.506	2.03
37.8	27.98	9.73	11.521	2.96
37.85	27.99	8.19	11.537	2.5
37.9	28	8.75	11.552	2.67
37.95	28	7.08	11.567	2.16
38	28	10.27	11.582	3.13
38.05	28	7.8	11.598	2.38
38.1	27.5	9.39	11.613	2.86
38.15	27.75	7.36	11.628	2.24
38.2	27.37	9.04	11.643	2.76
38.25	27.19	8.32	11.659	2.54
38.3	27.09	8.09	11.674	2.47
38.35	26.55	8.31	11.689	2.53
38.4	26.27	8.66	11.704	2.64
38.45	26.14	9.21	11.719	2.81
38.5	25.57	8.7	11.735	2.65
38.55	25.78	8.35	11.75	2.55
38.6	25.89	9.57	11.765	2.92
38.65	25.95	9.61	11.78	2.93
38.7	25.97	9.27	11.796	2.82
38.75	25.99	9.71	11.811	2.96
38.8	25.49	10.34	11.826	3.15
38.85	25.75	9.5	11.841	2.89
38.9	25.37	10.87	11.857	3.31
38.95	25.19	9.33	11.872	2.84
39	25.59	9.17	11.887	2.8
39.05	25.3	10.38	11.902	3.16
39.1	25.65	9.61	11.918	2.93
39.15	25.82	9.63	11.933	2.93
39.2	25.91	7.31	11.948	2.23
39.25	25.96	8.52	11.963	2.6
39.3	25.98	8.06	11.979	2.46
39.35	25.49	8.85	11.994	2.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	25.74	7.66	12.009	2.34
39.45	25.37	8.64	12.024	2.63
39.5	25.19	7.95	12.04	2.42
39.55	25.09	7.92	12.055	2.42
39.6	25.55	8.4	12.07	2.56
39.65	25.77	8.79	12.085	2.68
39.7	25.89	7.97	12.1	2.43
39.75	25.94	7.05	12.116	2.15
39.8	25.97	8.81	12.131	2.69
39.85	25.99	7.9	12.146	2.41
39.9	25.99	9.98	12.161	3.04
39.95	26	7.93	12.177	2.42
40	25.5	8.55	12.192	2.61
40.05	24.75	8.43	12.207	2.57
40.1	24.37	7.9	12.222	2.41
40.15	24.19	6.78	12.238	2.07
40.2	24.09	8.73	12.253	2.66
40.25	24.05	9.7	12.268	2.96
40.3	24.02	7.54	12.283	2.3
40.35	24.01	7.89	12.299	2.4
40.4	24.51	9.67	12.314	2.95
40.45	24.25	5.67	12.329	1.73
40.5	24.13	8.96	12.344	2.73
40.55	24.06	6.74	12.36	2.05
40.6	24.03	7.71	12.375	2.35
40.65	24.52	8.11	12.39	2.47
40.7	24.76	7.56	12.405	2.31
40.75	24.38	7.86	12.42	2.4
40.8	24.69	8.14	12.436	2.48
40.85	24.34	7.83	12.451	2.39
40.9	24.17	8.66	12.466	2.64
40.95	23.59	7.93	12.481	2.42
41	23.79	7.93	12.497	2.42
41.05	23.9	7.4	12.512	2.25
41.1	23.95	7.81	12.527	2.38
41.15	23.97	7.67	12.542	2.34
41.2	24.49	8.03	12.558	2.45
41.25	24.24	7.98	12.573	2.43
41.3	24.12	7.64	12.588	2.33
41.35	24.06	6.95	12.603	2.12
41.4	24.53	8.14	12.619	2.48
41.45	24.77	8.83	12.634	2.69
41.5	24.88	7.24	12.649	2.21
41.55	24.44	7.13	12.664	2.17
41.6	24.22	6.55	12.68	2
41.65	24.61	7.18	12.695	2.19
41.7	25.31	8.28	12.71	2.52
41.75	25.15	7.63	12.725	2.33
41.8	25.08	8.05	12.741	2.45
41.85	25.04	6.74	12.756	2.05
41.9	25.02	6.6	12.771	2.01
41.95	24.51	7.84	12.786	2.39
42	24.25	7.06	12.801	2.15
42.05	24.13	6.23	12.817	1.9
42.1	24.06	6.46	12.832	1.97
42.15	24.53	6.13	12.847	1.87
42.2	24.77	6.64	12.862	2.03
42.25	24.88	6.02	12.878	1.83
42.3	24.94	5.99	12.893	1.82
42.35	24.97	6.11	12.908	1.86
42.4	24.99	4.59	12.923	1.4
42.45	24.49	6.53	12.939	1.99

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	24.25	0.17	12.954	0.05
42.55	23.62	5.16	12.969	1.57
42.6	22.81	6.03	12.984	1.84
42.65	23.41	5.2	13	1.58
42.7	23.7	7.78	13.015	2.37
42.75	23.85	6.71	13.03	2.04
42.8	23.43	9.79	13.045	2.98
42.85	23.71	7.4	13.061	2.26
42.9	23.36	7.47	13.076	2.28
42.95	23.18	8.87	13.091	2.7
43	23.59	7.04	13.106	2.15
43.05	23.29	7.19	13.122	2.19
43.1	23.65	7.77	13.137	2.37
43.15	23.82	5.32	13.152	1.62
43.2	23.91	7.07	13.167	2.15
43.25	23.96	7.29	13.182	2.22
43.3	23.48	6.9	13.198	2.1
43.35	23.24	7.92	13.213	2.41
43.4	23.62	7.25	13.228	2.21
43.45	23.81	7.78	13.243	2.37
43.5	23.9	6.33	13.259	1.93
43.55	23.45	6.94	13.274	2.12
43.6	23.23	8.92	13.289	2.72
43.65	23.11	7.84	13.304	2.39
43.7	23.06	9.65	13.32	2.94
43.75	22.53	7.7	13.335	2.35
43.8	21.76	8.81	13.35	2.69
43.85	21.38	7.73	13.365	2.36
43.9	20.69	9.56	13.381	2.91
43.95	20.35	7.51	13.396	2.29
44	20.17	7.42	13.411	2.26
44.05	20.09	7.86	13.426	2.4
44.1	20.54	6.51	13.442	1.99
44.15	20.27	7.75	13.457	2.36
44.2	20.64	10.95	13.472	3.34
44.25	20.82	7.77	13.487	2.37
44.3	21.41	8.33	13.503	2.54
44.35	21.7	6.57	13.518	2
44.4	21.85	6.22	13.533	1.9
44.45	21.93	7.76	13.548	2.36
44.5	22.46	7.03	13.563	2.14
44.55	23.23	6.33	13.579	1.93
44.6	25.12	6.81	13.594	2.07
44.65	26.56	8.16	13.609	2.49
44.7	28.28	6.93	13.624	2.11
44.75	29.14	7.31	13.64	2.23
44.8	30.07	7.3	13.655	2.23
44.85	30.53	8.93	13.67	2.72
44.9	30.77	6.86	13.685	2.09
44.95	31.38	6.23	13.701	1.9
45	31.19	7.71	13.716	2.35
45.05	30.6	7.61	13.731	2.32
45.1	29.8	7.88	13.746	2.4
45.15	27.9	7.09	13.762	2.16
45.2	26.45	6.26	13.777	1.91
45.25	26.72	6.9	13.792	2.1
45.3	26.86	6.73	13.807	2.05
45.35	27.43	6.72	13.823	2.05
45.4	28.22	7.47	13.838	2.28
45.45	29.11	7.81	13.853	2.38
45.5	30.05	6.45	13.868	1.96
45.55	30.53	7.01	13.884	2.14

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	30.76	8.03	13.899	2.45
45.65	30.88	6.62	13.914	2.02
45.7	30.94	8.4	13.929	2.56
45.75	31.47	7.37	13.944	2.25
45.8	31.74	6.33	13.96	1.93
45.85	31.87	7.81	13.975	2.38
45.9	31.93	7.03	13.99	2.14
45.95	31.97	7.43	14.005	2.27
46	31.98	7.48	14.021	2.28
46.05	31.49	5.82	14.036	1.77
46.1	30.75	6.95	14.051	2.12
46.15	30.37	8.14	14.066	2.48
46.2	29.69	5.75	14.082	1.75
46.25	29.34	7.4	14.097	2.25
46.3	29.17	7.73	14.112	2.35
46.35	29.09	6.98	14.127	2.13
46.4	28.54	7.88	14.143	2.4
46.45	28.77	8.48	14.158	2.58
46.5	28.39	7.03	14.173	2.14
46.55	28.19	6.17	14.188	1.88
46.6	28.1	6.67	14.204	2.03
46.65	28.55	6.01	14.219	1.83
46.7	28.77	7.56	14.234	2.3
46.75	28.89	6.42	14.249	1.96
46.8	29.44	6.15	14.265	1.87
46.85	29.72	7.35	14.28	2.24
46.9	29.86	5.67	14.295	1.73
46.95	30.43	6.4	14.31	1.95
47	30.22	6.51	14.325	1.99
47.05	30.11	5.94	14.341	1.81
47.1	30.05	7.19	14.356	2.19
47.15	30.03	5.52	14.371	1.68
47.2	30.01	5.68	14.386	1.73
47.25	30.01	6.47	14.402	1.97
47.3	30	5.92	14.417	1.8
47.35	29.5	5.76	14.432	1.75
47.4	29.75	5.48	14.447	1.67
47.45	29.38	4.13	14.463	1.26
47.5	29.19	0	14.478	0
47.55	28.59	6.86	14.493	2.09
47.6	28.3	6.73	14.508	2.05
47.65	28.65	6.79	14.524	2.07
47.7	29.32	6.62	14.539	2.02
47.75	30.16	6.09	14.554	1.86
47.8	31.08	6.22	14.569	1.9
47.85	32.04	7.65	14.585	2.33
47.9	33.02	7.58	14.6	2.31
47.95	32.51	6.38	14.615	1.94
48	31.76	6.26	14.63	1.91
48.05	31.38	8.06	14.646	2.46
48.1	31.19	6.64	14.661	2.03
48.15	29.59	5.68	14.676	1.73
48.2	28.3	5.54	14.691	1.69
48.25	27.15	6.58	14.706	2
48.3	26.07	6.18	14.722	1.89
48.35	26.04	6.65	14.737	2.03
48.4	26.02	6.45	14.752	1.97
48.45	26.51	7.26	14.767	2.21
48.5	26.25	6.19	14.783	1.89
48.55	26.13	6.66	14.798	2.03
48.6	26.06	8.45	14.813	2.58
48.65	26.03	6.88	14.828	2.1

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	26.02	7.82	14.844	2.38
48.75	26.01	8.47	14.859	2.58
48.8	26	8.48	14.874	2.58
48.85	26.5	8.77	14.889	2.67
48.9	26.75	8.92	14.905	2.72
48.95	26.88	5.61	14.92	1.71
49	27.44	7.42	14.935	2.26
49.05	28.22	6.94	14.95	2.12
49.1	28.61	8.65	14.966	2.64
49.15	28.3	8.59	14.981	2.62
49.2	28.15	5.75	14.996	1.75
49.25	28.08	7.05	15.011	2.15
49.3	28.04	7.62	15.026	2.32
49.35	27.52	5.53	15.042	1.69
49.4	27.76	7.33	15.057	2.24
49.45	27.88	6.91	15.072	2.11
49.5	27.94	6.95	15.087	2.12
49.55	28.47	5.26	15.103	1.6
49.6	28.73	5.04	15.118	1.54
49.65	28.37	5.84	15.133	1.78
49.7	28.68	4.71	15.148	1.43
49.75	28.34	5.68	15.164	1.73
49.8	28.17	6.15	15.179	1.88
49.85	27.59	6.28	15.194	1.91
49.9	26.79	5.96	15.209	1.82
49.95	26.4	6.56	15.225	2
50	26.7	6.04	15.24	1.84
50.05	26.35	5.89	15.255	1.8
50.1	26.17	5.34	15.27	1.63
50.15	25.59	6.18	15.286	1.88
50.2	24.79	5.75	15.301	1.75
50.25	24.4	5.04	15.316	1.54
50.3	24.2	5.3	15.331	1.62
50.35	23.1	4.1	15.347	1.25
50.4	22.55	4.97	15.362	1.51
50.45	21.77	4.76	15.377	1.45
50.5	20.89	4.03	15.392	1.23
50.55	19.44	4.37	15.407	1.33
50.6	18.72	4.96	15.423	1.51
50.65	17.86	5.12	15.438	1.56
50.7	17.43	5.01	15.453	1.53
50.75	16.72	4.4	15.468	1.34
50.8	16.36	3.74	15.484	1.14
50.85	16.18	4.39	15.499	1.34
50.9	16.09	4.51	15.514	1.38
50.95	16.54	5.24	15.529	1.6
51	16.27	3.49	15.545	1.06
51.05	16.64	4.27	15.56	1.3
51.1	16.32	4.77	15.575	1.46
51.15	15.66	3.63	15.59	1.11
51.2	15.33	4.78	15.606	1.46
51.25	15.16	3.61	15.621	1.1
51.3	15.08	3.55	15.636	1.08
51.35	15.54	4.36	15.651	1.33
51.4	15.77	4.71	15.667	1.44
51.45	15.89	5.16	15.682	1.57
51.5	15.44	3.98	15.697	1.21
51.55	15.22	5.44	15.712	1.66
51.6	15.11	3.61	15.728	1.1
51.65	15.06	5.03	15.743	1.53
51.7	15.03	5.39	15.758	1.64
51.75	14.51	4.06	15.773	1.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	14.26	4.64	15.788	1.41
51.85	14.63	5.35	15.804	1.63
51.9	15.31	3.98	15.819	1.21
51.95	15.16	5.81	15.834	1.77
52	15.08	5.09	15.849	1.55
52.05	14.04	4.46	15.865	1.36
52.1	13.52	4.13	15.88	1.26
52.15	13.26	3.98	15.895	1.21
52.2	13.13	4.69	15.91	1.43
52.25	13.06	3.93	15.926	1.2
52.3	13.03	3.31	15.941	1.01
52.35	13.52	3.4	15.956	1.04
52.4	14.26	3.22	15.971	0.98
52.45	14.63	1.77	15.987	0.54
52.5	15.31	0.7	16.002	0.21
52.55	18.16	3.77	16.017	1.15
52.6	24.08	4.31	16.032	1.31
52.65	26.54	3.21	16.048	0.98
52.7	22.27	6.43	16.063	1.96
52.75	18.63	3.41	16.078	1.04
52.8	16.32	4.25	16.093	1.3
52.85	15.16	7.89	16.109	2.41
52.9	14.58	5.11	16.124	1.56
52.95	14.29	3.91	16.139	1.19
53	13.64	4.73	16.154	1.44
53.05	12.32	5.01	16.169	1.53
53.1	11.16	3.69	16.185	1.12
53.15	10.58	4.21	16.2	1.28
53.2	10.29	5.19	16.215	1.58
53.25	10.15	2.83	16.23	0.86
53.3	10.57	3.32	16.246	1.01
53.35	10.79	4.63	16.261	1.41
53.4	11.39	3.07	16.276	0.94
53.45	11.7	4.16	16.291	1.27
53.5	11.85	4.24	16.307	1.29
53.55	12.42	4.29	16.322	1.31
53.6	13.21	5.69	16.337	1.73
53.65	13.61	4.87	16.352	1.48
53.7	14.3	3.61	16.368	1.1
53.75	14.65	5.07	16.383	1.54
53.8	14.33	4.84	16.398	1.47
53.85	14.66	4.46	16.413	1.36
53.9	14.83	6.84	16.429	2.09
53.95	14.42	5.12	16.444	1.56
54	14.71	2.92	16.459	0.89
54.05	14.85	5.39	16.474	1.64
54.1	14.93	6.03	16.49	1.84
54.15	15.46	4.12	16.505	1.26
54.2	15.23	5.26	16.52	1.6
54.25	15.12	4.42	16.535	1.35
54.3	15.06	4.37	16.55	1.33
54.35	14.53	3.73	16.566	1.14
54.4	13.76	4.79	16.581	1.46
54.45	12.88	4.57	16.596	1.39
54.5	12.44	3.57	16.611	1.09
54.55	12.22	4.38	16.627	1.33
54.6	12.11	3.23	16.642	0.99
54.65	12.06	4.67	16.657	1.42
54.7	12.53	4.05	16.672	1.23
54.75	12.26	4.09	16.688	1.25
54.8	12.63	4.87	16.703	1.48
54.85	12.32	5.35	16.718	1.63

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	12.66	4.18	16.733	1.27
54.95	13.83	5.37	16.749	1.64
55	15.41	4.78	16.764	1.46
55.05	17.21	5.04	16.779	1.54
55.1	18.1	5.05	16.794	1.54
55.15	18.55	3.77	16.81	1.15
55.2	18.78	5.65	16.825	1.72
55.25	17.89	6.19	16.84	1.89
55.3	17.44	4.48	16.855	1.37
55.35	16.72	6.43	16.871	1.96
55.4	16.36	3.95	16.886	1.2
55.45	15.18	4.84	16.901	1.47
55.5	13.59	5.16	16.916	1.57
55.55	12.8	4.75	16.931	1.45
55.6	11.4	5.16	16.947	1.57
55.65	10.7	4.93	16.962	1.5
55.7	10.35	6.3	16.977	1.92
55.75	9.67	5.87	16.992	1.79
55.8	9.34	5.09	17.008	1.55
55.85	9.17	5.35	17.023	1.63
55.9	9.58	7.03	17.038	2.14
55.95	9.79	5.88	17.053	1.79
56	10.4	5.05	17.069	1.54
56.05	11.2	4.9	17.084	1.49
56.1	11.1	6.24	17.099	1.9
56.15	11.55	6.16	17.114	1.88
56.2	12.77	5.62	17.13	1.71
56.25	14.89	5.41	17.145	1.65
56.3	16.44	6.28	17.16	1.91
56.35	17.22	6.33	17.175	1.93
56.4	18.11	5.45	17.191	1.66
56.45	18.06	5.36	17.206	1.63
56.5	18.03	5.71	17.221	1.74
56.55	18.01	6.29	17.236	1.92
56.6	19.01	4.83	17.252	1.47
56.65	19.5	5.37	17.267	1.64
56.7	20.25	5.78	17.282	1.76
56.75	20.13	4.95	17.297	1.51
56.8	20.06	5.24	17.312	1.6
56.85	20.53	5.24	17.328	1.6
56.9	20.77	5.48	17.343	1.67
56.95	20.88	3.28	17.358	1
57	21.44	4.83	17.373	1.47
57.05	20.72	4.21	17.389	1.28
57.1	19.86	4.31	17.404	1.31
57.15	18.93	4.18	17.419	1.28
57.2	17.47	5.2	17.434	1.59
57.25	16.23	3.61	17.45	1.1
57.3	15.62	4.05	17.465	1.23
57.35	15.31	4.16	17.48	1.27
57.4	14.65	4.07	17.495	1.24
57.45	13.83	3.24	17.511	0.99
57.5	12.91	1.61	17.526	0.49
57.55	12.96	4.9	17.541	1.49
57.6	12.98	7.38	17.556	2.25
57.65	12.99	4.1	17.572	1.25
57.7	13.49	8.63	17.587	2.63
57.75	13.75	8.42	17.602	2.57
57.8	13.87	4.92	17.617	1.5
57.85	14.44	5.87	17.632	1.79
57.9	14.22	5.55	17.648	1.69
57.95	14.11	9.32	17.663	2.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	13.55	7.59	17.678	2.31
58.05	13.28	4.5	17.693	1.37
58.1	13.14	5.01	17.709	1.53
58.15	13.07	4.87	17.724	1.48
58.2	12.53	5.14	17.739	1.57
58.25	12.77	4.05	17.754	1.23
58.3	12.38	4.46	17.77	1.36
58.35	12.19	4.71	17.785	1.44
58.4	12.1	4.76	17.8	1.45
58.45	12.05	5.43	17.815	1.66
58.5	12.02	4.8	17.831	1.46
58.55	11.51	5.14	17.846	1.57
58.6	11.26	6.76	17.861	2.06
58.65	11.13	4.55	17.876	1.39
58.7	10.56	5.43	17.892	1.66
58.75	10.28	4.8	17.907	1.46
58.8	9.64	5.32	17.922	1.62
58.85	9.32	4.29	17.937	1.31
58.9	9.66	3.75	17.953	1.14
58.95	10.33	4.06	17.968	1.24
59	12.17	6.45	17.983	1.97
59.05	13.08	4.32	17.998	1.32
59.1	13.04	3.82	18.013	1.16
59.15	12.02	5.68	18.029	1.73
59.2	11.01	4.7	18.044	1.43
59.25	10.51	4.7	18.059	1.43
59.3	9.75	3.26	18.074	0.99
59.35	9.38	3.12	18.09	0.95
59.4	8.69	8.96	18.105	2.73
59.45	8.34	4.41	18.12	1.34
59.5	8.17	2.67	18.135	0.81
59.55	8.09	3.86	18.151	1.18
59.6	8.04	3.92	18.166	1.2
59.65	8.52	3.61	18.181	1.1
59.7	8.76	4.14	18.196	1.26
59.75	8.88	4.54	18.212	1.38
59.8	8.94	3.74	18.227	1.14
59.85	8.97	3.96	18.242	1.21
59.9	8.49	5.21	18.257	1.59
59.95	7.74	5.15	18.273	1.57
60	7.37	3.8	18.288	1.16
60.05	7.19	4.29	18.303	1.31
60.1	7.09	5.61	18.318	1.71
60.15	7.55	5.84	18.334	1.78
60.2	7.77	5.71	18.349	1.74
60.25	8.39	5.17	18.364	1.58
60.3	9.19	4.79	18.379	1.46
60.35	10.1	8.13	18.394	2.48
60.4	11.55	5.29	18.41	1.61
60.45	12.77	5.43	18.425	1.66
60.5	13.89	5.43	18.44	1.65
60.55	14.94	4.94	18.455	1.51
60.6	15.47	6.09	18.471	1.86
60.65	15.74	5.05	18.486	1.54
60.7	15.37	6.63	18.501	2.02
60.75	15.68	5.22	18.516	1.59
60.8	15.84	6.88	18.532	2.1
60.85	15.92	4.33	18.547	1.32
60.9	15.96	5.46	18.562	1.66
60.95	16.48	5.94	18.577	1.81
61	16.74	5.73	18.593	1.75
61.05	17.37	5.3	18.608	1.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	17.19	4.93	18.623	1.5
61.15	17.59	5.56	18.638	1.69
61.2	17.8	5.31	18.654	1.62
61.25	17.9	5.99	18.669	1.83
61.3	17.95	6.47	18.684	1.97
61.35	17.97	5.8	18.699	1.77
61.4	17.99	5.91	18.715	1.8
61.45	17.99	5.51	18.73	1.68
61.5	18	6.75	18.745	2.06
61.55	18.5	7.05	18.76	2.15
61.6	18.75	5.75	18.775	1.75
61.65	18.87	5.4	18.791	1.65
61.7	18.94	6.76	18.806	2.06
61.75	18.97	6.08	18.821	1.85
61.8	18.48	5.55	18.836	1.69
61.85	18.24	5.63	18.852	1.71
61.9	17.62	5.82	18.867	1.77
61.95	17.31	5.54	18.882	1.69
62	17.16	5.63	18.897	1.71
62.05	16.58	4.83	18.913	1.47
62.1	15.79	5.2	18.928	1.59
62.15	15.39	5.08	18.943	1.55
62.2	14.7	5.79	18.958	1.76
62.25	14.35	6.16	18.974	1.88
62.3	14.17	6.27	18.989	1.91
62.35	14.09	5.61	19.004	1.71
62.4	13.54	4.18	19.019	1.28
62.45	13.77	2.92	19.035	0.89
62.5	13.89	2.03	19.05	0.62
62.55	13.94	7.48	19.065	2.28
62.6	13.97	4.64	19.08	1.41
62.65	13.49	3.68	19.096	1.12
62.7	13.24	3.44	19.111	1.05
62.75	13.12	7.58	19.126	2.31
62.8	13.56	4.13	19.141	1.26
62.85	13.78	3.75	19.156	1.14
62.9	13.89	5.09	19.172	1.55
62.95	14.45	3.17	19.187	0.97
63	14.72	6.32	19.202	1.93
63.05	14.36	4.92	19.217	1.5
63.1	14.18	6.99	19.233	2.13
63.15	14.09	4.67	19.248	1.42
63.2	14.05	7.73	19.263	2.36
63.25	14.02	2.69	19.278	0.82
63.3	14.01	4.36	19.294	1.33
63.35	14.51	2.42	19.309	0.74
63.4	13.75	4.7	19.324	1.43
63.45	13.88	3.07	19.339	0.94
63.5	13.94	2.57	19.355	0.78
63.55	13.47	2.97	19.37	0.91
63.6	13.23	7.98	19.385	2.43
63.65	13.12	3.48	19.4	1.06
63.7	12.56	5.47	19.416	1.67
63.75	12.28	3.68	19.431	1.12
63.8	12.14	5.23	19.446	1.6
63.85	12.07	3.9	19.461	1.19
63.9	12.03	3.75	19.477	1.14
63.95	12.02	4.27	19.492	1.3
64	12.01	3.7	19.507	1.13
64.05	11.5	4.35	19.522	1.33
64.1	10.75	4.73	19.537	1.44
64.15	10.38	2.84	19.553	0.87

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	9.69	4.84	19.568	1.48
64.25	9.84	3.87	19.583	1.18
64.3	9.92	3.15	19.598	0.96
64.35	9.96	3.07	19.614	0.94
64.4	9.48	3.25	19.629	0.99
64.45	9.24	3.03	19.644	0.92
64.5	9.12	2.23	19.659	0.68
64.55	8.56	2.55	19.675	0.78
64.6	8.78	1.98	19.69	0.6
64.65	7.89	4.11	19.705	1.25
64.7	7.95	3.74	19.72	1.14
64.75	8.47	2.99	19.736	0.91
64.8	8.74	3.11	19.751	0.95
64.85	8.87	4.08	19.766	1.24
64.9	8.43	3.17	19.781	0.97
64.95	8.72	3.12	19.797	0.95
65	7.86	2.77	19.812	0.85
65.05	7.43	4.09	19.827	1.25
65.1	8.21	5.13	19.842	1.56
65.15	8.11	2.47	19.858	0.75
65.2	7.55	4.2	19.873	1.28
65.25	7.28	4.04	19.888	1.23
65.3	7.14	4.77	19.903	1.45
65.35	8.07	3.47	19.918	1.06
65.4	8.03	2.6	19.934	0.79
65.45	8.52	3.32	19.949	1.01
65.5	7.26	3.33	19.964	1.02
65.55	7.63	3	19.979	0.91
65.6	7.31	3.1	19.995	0.95
65.65	7.16	2.57	20.01	0.78
65.7	7.58	2.2	20.025	0.67
65.75	7.79	2.51	20.04	0.77
65.8	7.89	3.12	20.056	0.95
65.85	7.45	2.54	20.071	0.78
65.9	7.22	4.07	20.086	1.24
65.95	7.11	3.16	20.101	0.96
66	8.06	3.11	20.117	0.95
66.05	8.03	2.64	20.132	0.8
66.1	8.01	2.9	20.147	0.88
66.15	8.01	3.89	20.162	1.19
66.2	8	2.75	20.178	0.84
66.25	8	4.18	20.193	1.27
66.3	8.5	3.34	20.208	1.02
66.35	8.25	3.61	20.223	1.1
66.4	8.63	2.84	20.239	0.87
66.45	8.81	3.68	20.254	1.12
66.5	8.91	2.5	20.269	0.76
66.55	8.95	4.66	20.284	1.42
66.6	9.48	3	20.3	0.91
66.65	10.24	2.59	20.315	0.79
66.7	11.12	3.48	20.33	1.06
66.75	11.56	2.66	20.345	0.81
66.8	12.28	3.89	20.36	1.18
66.85	13.14	2.29	20.376	0.7
66.9	14.07	3	20.391	0.92
66.95	15.03	3.44	20.406	1.05
67	16.52	3.27	20.421	1
67.05	17.76	2.8	20.437	0.85
67.1	19.38	3.34	20.452	1.02
67.15	19.69	3.63	20.467	1.11
67.2	18.84	4.4	20.482	1.34
67.25	16.92	3.48	20.498	1.06

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	14.96	2.76	20.513	0.84
67.35	13.98	2.17	20.528	0.66
67.4	14.49	2.67	20.543	0.82
67.45	16.25	1.42	20.559	0.43
67.5	17.12	3.43	20.574	1.05
67.55	18.06	5.73	20.589	1.75
67.6	18.53	3.14	20.604	0.96
67.65	17.77	3.06	20.62	0.93
67.7	16.88	4.34	20.635	1.32
67.75	16.44	6.86	20.65	2.09
67.8	15.72	3.22	20.665	0.98
67.85	15.36	4.59	20.681	1.4
67.9	14.68	5.18	20.696	1.58
67.95	14.34	6.4	20.711	1.95
68	13.67	4.5	20.726	1.37
68.05	13.34	3.23	20.742	0.98
68.1	12.67	3.57	20.757	1.09
68.15	11.83	2.75	20.772	0.84
68.2	11.42	3.25	20.787	0.99
68.25	11.21	2.04	20.802	0.62
68.3	11.1	3.02	20.818	0.92
68.35	10.55	2.73	20.833	0.83
68.4	10.28	4.23	20.848	1.29
68.45	10.64	3.63	20.863	1.11
68.5	10.82	3.07	20.879	0.94
68.55	10.91	3.61	20.894	1.1
68.6	10.95	6.37	20.909	1.94
68.65	10.98	3.74	20.924	1.14
68.7	10.49	3.48	20.94	1.06
68.75	10.24	2.67	20.955	0.81
68.8	9.62	4.32	20.97	1.32
68.85	8.81	2.91	20.985	0.89
68.9	8.41	5.55	21.001	1.69
68.95	8.2	3.68	21.016	1.12
69	8.1	3.72	21.031	1.13
69.05	7.55	4.35	21.046	1.33
69.1	7.28	4.6	21.062	1.4
69.15	7.14	3.02	21.077	0.92
69.2	7.07	3.49	21.092	1.06
69.25	7.03	3.6	21.107	1.1
69.3	6.52	3.45	21.123	1.05
69.35	6.26	3.41	21.138	1.04
69.4	6.13	2.69	21.153	0.82
69.45	6.06	4.53	21.168	1.38
69.5	6.03	2.32	21.183	0.71
69.55	6.02	4.22	21.199	1.28
69.6	6.01	2.3	21.214	0.7
69.65	6	3.04	21.229	0.93
69.7	6	2.59	21.244	0.79
69.75	6	3.1	21.26	0.94
69.8	6	3.35	21.275	1.02
69.85	6	4.41	21.29	1.34
69.9	6.5	3.32	21.305	1.01
69.95	6.75	2.7	21.321	0.82
70	6.88	4.37	21.336	1.33
70.05	6.94	4.25	21.351	1.3
70.1	7.47	4.12	21.366	1.26
70.15	7.73	3.77	21.382	1.15
70.2	7.87	4.18	21.397	1.27
70.25	8.43	5.04	21.412	1.54
70.3	8.72	5.18	21.427	1.58
70.35	8.86	3.46	21.443	1.06

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	8.93	2.83	21.458	0.86
70.45	8.96	4.34	21.473	1.32
70.5	8.48	2.49	21.488	0.76
70.55	8.24	3.26	21.504	0.99
70.6	8.12	3.49	21.519	1.06
70.65	8.06	3.7	21.534	1.13
70.7	8.03	2.96	21.549	0.9
70.75	8.02	3.75	21.565	1.14
70.8	7.51	3.31	21.58	1.01
70.85	7.25	2.5	21.595	0.76
70.9	7.13	2.67	21.61	0.81
70.95	7.06	3.58	21.625	1.09
71	7.03	2.42	21.641	0.74
71.05	7.02	2.84	21.656	0.86
71.1	7.01	3.49	21.671	1.06
71.15	7	2.58	21.686	0.79
71.2	7	2.28	21.702	0.7
71.25	7	3.73	21.717	1.14
71.3	7	5.41	21.732	1.65
71.35	7	4.02	21.747	1.23
71.4	7	4.18	21.763	1.28
71.45	7	3.95	21.778	1.2
71.5	7	4.22	21.793	1.29
71.55	7	3.7	21.808	1.13
71.6	6.5	4.13	21.824	1.26
71.65	6.25	5.11	21.839	1.56
71.7	6.13	3.62	21.854	1.1
71.75	5.56	3.52	21.869	1.07
71.8	5.78	3.68	21.885	1.12
71.85	5.39	3.58	21.9	1.09
71.9	5.2	3.92	21.915	1.2
71.95	5.6	4.34	21.93	1.32
72	5.3	3.23	21.946	0.99
72.05	5.15	2.96	21.961	0.9
72.1	5.57	2.74	21.976	0.84
72.15	5.79	4.41	21.991	1.34
72.2	5.89	3.76	22.007	1.15
72.25	5.95	3.14	22.022	0.96
72.3	6.97	3.43	22.037	1.04
72.35	7.49	3.45	22.052	1.05
72.4	7.74	4.71	22.067	1.44
72.45	7.87	1.44	22.083	0.44
72.5	7.94	1.03	22.098	0.31
72.55	7.97	5.28	22.113	1.61
72.6	7.98	4.66	22.128	1.42
72.65	7.99	4.13	22.144	1.26
72.7	8.5	3.87	22.159	1.18
72.75	9.75	4.33	22.174	1.32
72.8	10.37	4.87	22.189	1.48
72.85	10.19	4.3	22.205	1.31
72.9	10.09	4.19	22.22	1.28
72.95	10.05	3.5	22.235	1.07
73	10.02	5.14	22.25	1.57
73.05	10.51	5.77	22.266	1.76
73.1	11.26	3.63	22.281	1.11
73.15	12.13	2.21	22.296	0.67
73.2	12.06	4.04	22.311	1.23
73.25	12.03	4.06	22.327	1.24
73.3	12.02	1.73	22.342	0.53
73.35	11.51	1.84	22.357	0.56
73.4	11.75	1.44	22.372	0.44
73.45	11.88	3.07	22.388	0.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	11.44	2.83	22.403	0.86
73.55	11.22	2.72	22.418	0.83
73.6	10.61	4.02	22.433	1.22
73.65	10.3	3.97	22.448	1.21
73.7	9.65	5.13	22.464	1.56
73.75	9.83	3.42	22.479	1.04
73.8	9.91	7.97	22.494	2.43
73.85	10.96	5.02	22.509	1.53
73.9	12.48	4.19	22.525	1.28
73.95	13.24	3.77	22.54	1.15
74	13.62	5.12	22.555	1.56
74.05	13.81	4.44	22.57	1.35
74.1	13.4	3.13	22.586	0.95
74.15	13.7	5.46	22.601	1.66
74.2	14.35	3.18	22.616	0.97
74.25	14.68	4.31	22.631	1.31
74.3	13.84	3.26	22.647	1
74.35	12.92	4.36	22.662	1.33
74.4	11.96	4.75	22.677	1.45
74.45	11.98	2.21	22.692	0.67
74.5	10.99	2.65	22.708	0.81
74.55	9.99	4.99	22.723	1.52
74.6	9	2.07	22.738	0.63
74.65	8	2.69	22.753	0.82
74.7	7.5	2.76	22.769	0.84
74.75	6.75	4.15	22.784	1.27
74.8	5.87	3.33	22.799	1.01
74.85	5.94	3.8	22.814	1.16
74.9	5.47	3.77	22.83	1.15
74.95	5.23	3.85	22.845	1.17
75	5.12	3.85	22.86	1.17
75.05	5.06	3.49	22.875	1.06
75.1	4.53	4.05	22.89	1.23
75.15	4.76	4.54	22.906	1.38
75.2	4.38	4.06	22.921	1.24
75.25	4.19	5.56	22.936	1.7
75.3	4.1	4.47	22.951	1.36
75.35	4.05	3.33	22.967	1.02
75.4	4.02	4.83	22.982	1.47
75.45	4.01	6.81	22.997	2.08
75.5	4.01	3.77	23.012	1.15
75.55	4	3.64	23.028	1.11
75.6	4	3.42	23.043	1.04
75.65	4.5	2.69	23.058	0.82
75.7	5.25	3.87	23.073	1.18
75.75	6.13	4.52	23.089	1.38
75.8	7.56	3.31	23.104	1.01
75.85	8.78	4.71	23.119	1.44
75.9	10.39	3.69	23.134	1.13
75.95	11.2	4.44	23.15	1.35
76	11.6	3.25	23.165	0.99
76.05	11.3	3.04	23.18	0.93
76.1	11.15	4.13	23.195	1.26
76.15	11.07	2.95	23.211	0.9
76.2	11.04	2.8	23.226	0.85
76.25	10.52	2.9	23.241	0.89
76.3	10.76	2.66	23.256	0.81
76.35	10.88	5.76	23.271	1.75
76.4	11.44	3.27	23.287	1
76.45	12.22	3.56	23.302	1.09
76.5	12.11	3.91	23.317	1.19
76.55	11.55	3.75	23.332	1.14

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76.6	11.28	4.55	23.348	1.39
76.65	10.14	2.59	23.363	0.79
76.7	8.57	2.59	23.378	0.79
76.75	7.28	3.03	23.393	0.92
76.8	6.64	2.61	23.409	0.8
76.85	6.32	2.09	23.424	0.64
76.9	5.66	3.03	23.439	0.92
76.95	5.83	2.89	23.454	0.88
77	5.92	2.03	23.47	0.62
77.05	5.96	3.83	23.485	1.17
77.1	5.98	2.03	23.5	0.62
77.15	5.49	2.85	23.515	0.87
77.2	5.24	2.99	23.531	0.91
77.25	5.12	3.2	23.546	0.97
77.3	5.06	4.45	23.561	1.36
77.35	5.03	2.85	23.576	0.87
77.4	5.02	2.01	23.592	0.61
77.45	5.01	1.69	23.607	0.51
77.5	5	1.38	23.622	0.42
77.55	5	4.62	23.637	1.41
77.6	5	3.89	23.653	1.19
77.65	5	2.31	23.668	0.7
77.7	5	4.82	23.683	1.47
77.75	4.5	4.16	23.698	1.27
77.8	4.75	5.49	23.713	1.67
77.85	4.88	4.5	23.729	1.37
77.9	4.94	3.67	23.744	1.12
77.95	4.97	3.04	23.759	0.93
78	4.98	3.01	23.774	0.92
78.05	4.99	4.87	23.79	1.48
78.1	5	4.73	23.805	1.44
78.15	5	4.08	23.82	1.24
78.2	5	3	23.835	0.91
78.25	5	1.73	23.851	0.53
78.3	4.5	1.62	23.866	0.49
78.35	4.75	1.94	23.881	0.59
78.4	4.37	3.1	23.896	0.95
78.45	4.69	3.11	23.912	0.95
78.5	4.84	1.86	23.927	0.57
78.55	4.92	2.41	23.942	0.73
78.6	4.96	4.42	23.957	1.35
78.65	4.98	2.42	23.973	0.74
78.7	4.49	2.72	23.988	0.83
78.75	4.75	2.51	24.003	0.76
78.8	4.87	3.47	24.018	1.06
78.85	4.44	1.83	24.034	0.56
78.9	4.22	5.03	24.049	1.53
78.95	4.11	2.95	24.064	0.9
79	4.55	5.31	24.079	1.62
79.05	4.78	3.27	24.095	1
79.1	4.39	4.35	24.11	1.33
79.15	4.69	3.56	24.125	1.09
79.2	4.35	2.85	24.14	0.87
79.25	4.17	3.6	24.155	1.1
79.3	4.09	3.75	24.171	1.14
79.35	4.54	2.92	24.186	0.89
79.4	4.27	2.18	24.201	0.66
79.45	4.64	3.18	24.216	0.97
79.5	4.82	2.42	24.232	0.74
79.55	4.41	3.21	24.247	0.98
79.6	4.2	1.39	24.262	0.43
79.65	4.1	2.72	24.277	0.83

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	4.55	1.9	24.293	0.58
79.75	4.78	2.95	24.308	0.9
79.8	4.89	4.37	24.323	1.33
79.85	4.94	2.94	24.338	0.9
79.9	5.47	2.48	24.354	0.76
79.95	6.24	2.61	24.369	0.79
80	6.62	3.71	24.384	1.13
80.05	6.81	3.17	24.399	0.97
80.1	6.4	2.95	24.415	0.9
80.15	6.2	2.65	24.43	0.81
80.2	6.1	2.26	24.445	0.69
80.25	6.05	2.28	24.46	0.7
80.3	6.53	4.01	24.476	1.22
80.35	7.26	3.4	24.491	1.04
80.4	8.13	1.88	24.506	0.57
80.45	8.07	2.08	24.521	0.63
80.5	8.03	2.04	24.536	0.62
80.55	8.02	1.47	24.552	0.45
80.6	8.51	2.42	24.567	0.74
80.65	8.25	3.66	24.582	1.11
80.7	8.63	3.61	24.597	1.1
80.75	8.31	1.83	24.613	0.56
80.8	8.16	1.5	24.628	0.46
80.85	8.08	2.03	24.643	0.62
80.9	8.04	2.24	24.658	0.68
80.95	8.02	3.06	24.674	0.93
81	7.51	2.35	24.689	0.72
81.05	7.25	1.58	24.704	0.48
81.1	7.13	2.6	24.719	0.79
81.15	7.06	1.73	24.735	0.53
81.2	6.53	1.65	24.75	0.5
81.25	6.27	2.14	24.765	0.65
81.3	5.63	1.65	24.78	0.5
81.35	5.32	1.69	24.796	0.51
81.4	5.16	1.39	24.811	0.42
81.45	5.08	2.07	24.826	0.63
81.5	5.04	1.99	24.841	0.61
81.55	5.02	2.65	24.857	0.81
81.6	5.01	1.39	24.872	0.42
81.65	5.5	1.97	24.887	0.6
81.7	5.25	2.17	24.902	0.66
81.75	5.13	2.11	24.918	0.64
81.8	5.06	2.33	24.933	0.71
81.85	5.03	3.07	24.948	0.94
81.9	5.02	2.83	24.963	0.86
81.95	5.01	1.98	24.978	0.6
82	5	2.24	24.994	0.68
82.05	5	1.61	25.009	0.49
82.1	5	1.97	25.024	0.6
82.15	5	3.19	25.039	0.97
82.2	5	3.5	25.055	1.07
82.25	5	2.49	25.07	0.76
82.3	5	2.35	25.085	0.71
82.35	4.5	1.62	25.1	0.49
82.4	4.25	1.41	25.116	0.43
82.45	4.63	5.8	25.131	1.77
82.5	4.81	1.33	25.146	0.4
82.55	5.41	2.85	25.161	0.87
82.6	5.7	2.19	25.177	0.67
82.65	5.85	1.92	25.192	0.59
82.7	5.43	2.68	25.207	0.82
82.75	5.71	3.93	25.222	1.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	5.86	4.62	25.238	1.41
82.85	6.43	3.13	25.253	0.96
82.9	6.21	2.2	25.268	0.67
82.95	6.11	1.73	25.283	0.53
83	6.05	1.67	25.299	0.51
83.05	6.03	2.38	25.314	0.73
83.1	6.01	4.33	25.329	1.32
83.15	6.01	2.45	25.344	0.75
83.2	6	2.85	25.36	0.87
83.25	6	3.2	25.375	0.98
83.3	6	2.25	25.39	0.69
83.35	6.5	0.6	25.405	0.18
83.4	6.75	2	25.42	0.61
83.45	7.38	2.15	25.436	0.65
83.5	7.69	1.63	25.451	0.5
83.55	7.84	2.23	25.466	0.68
83.6	7.42	2.05	25.481	0.62
83.65	6.71	1.13	25.497	0.34
83.7	6.36	1.41	25.512	0.43
83.75	5.68	1.62	25.527	0.49
83.8	5.34	3.32	25.542	1.01
83.85	5.67	1.42	25.558	0.43
83.9	5.33	3.31	25.573	1.01
83.95	5.67	1.68	25.588	0.51
84	5.33	2.56	25.603	0.78
84.05	5.17	2.79	25.619	0.85
84.1	5.08	2.73	25.634	0.83
84.15	5.04	2.79	25.649	0.85
84.2	5.02	2.93	25.664	0.89
84.25	5.01	2.83	25.68	0.86
84.3	4.51	1.8	25.695	0.55
84.35	4.25	1.58	25.71	0.48
84.4	4.63	2.37	25.725	0.72
84.45	4.81	3.36	25.741	1.03
84.5	4.91	2.93	25.756	0.89
84.55	4.95	2.17	25.771	0.66
84.6	4.98	1.43	25.786	0.44
84.65	4.99	1.45	25.801	0.44
84.7	4.99	1.32	25.817	0.4
84.75	5	2.3	25.832	0.7
84.8	5	1.56	25.847	0.47
84.85	5	1.32	25.862	0.4
84.9	5	2.26	25.878	0.69
84.95	5.5	1.48	25.893	0.45
85	5.25	1.28	25.908	0.39
85.05	6.12	2.57	25.923	0.78
85.1	5.56	2.41	25.939	0.74
85.15	6.28	1.43	25.954	0.44
85.2	5.64	1.75	25.969	0.53
85.25	5.32	3.02	25.984	0.92
85.3	5.16	3.15	26	0.96
85.35	5.08	2.18	26.015	0.66
85.4	4.54	1.48	26.03	0.45
85.45	4.77	2.36	26.045	0.72
85.5	5.39	1.92	26.061	0.59
85.55	5.69	1.17	26.076	0.36
85.6	5.35	3.29	26.091	1
85.65	5.67	1.83	26.106	0.56
85.7	5.84	3.76	26.122	1.15
85.75	6.42	2.07	26.137	0.63
85.8	6.21	1.45	26.152	0.44
85.85	6.1	2.12	26.167	0.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	5.55	2.36	26.183	0.72
85.95	5.78	2.43	26.198	0.74
86	5.89	1.44	26.213	0.44
86.05	5.94	1.08	26.228	0.33
86.1	5.97	1.51	26.243	0.46
86.15	5.49	1.98	26.259	0.6
86.2	5.74	0.92	26.274	0.28
86.25	5.37	1.73	26.289	0.53
86.3	5.19	1.28	26.304	0.39
86.35	5.59	1.46	26.32	0.45
86.4	5.3	1.08	26.335	0.33
86.45	5.65	2.12	26.35	0.65
86.5	5.32	3.37	26.365	1.03
86.55	5.66	1.92	26.381	0.59
86.6	5.33	1.91	26.396	0.58
86.65	5.67	1.64	26.411	0.5
86.7	5.83	1.42	26.426	0.43
86.75	5.92	2.5	26.442	0.76
86.8	5.46	1.15	26.457	0.35
86.85	5.73	1.52	26.472	0.46
86.9	5.86	2.73	26.487	0.83
86.95	5.93	1.97	26.503	0.6
87	5.97	1.78	26.518	0.54
87.05	5.98	2.61	26.533	0.8
87.1	5.49	2.93	26.548	0.89
87.15	5.25	2.76	26.564	0.84
87.2	5.62	1.8	26.579	0.55
87.25	5.81	2.63	26.594	0.8
87.3	5.91	2.1	26.609	0.64
87.35	5.95	2.7	26.625	0.82
87.4	5.48	1.09	26.64	0.33
87.45	5.74	1.54	26.655	0.47
87.5	5.87	1.55	26.67	0.47
87.55	6.43	2.27	26.685	0.69
87.6	6.72	2.07	26.701	0.63
87.65	6.86	1.38	26.716	0.42
87.7	6.93	1.45	26.731	0.44
87.75	7.46	2.47	26.746	0.75
87.8	7.23	2.44	26.762	0.74
87.85	7.12	3.11	26.777	0.95
87.9	7.06	1.61	26.792	0.49
87.95	7.53	4.63	26.807	1.41
88	7.26	2.81	26.823	0.86
88.05	7.63	3.23	26.838	0.99
88.1	7.82	1.63	26.853	0.5
88.15	7.91	4.01	26.868	1.22
88.2	8.45	1.74	26.884	0.53
88.25	8.23	2.71	26.899	0.83
88.3	8.11	3.21	26.914	0.98
88.35	7.56	2.56	26.929	0.78
88.4	7.28	3.11	26.945	0.95
88.45	7.14	2.37	26.96	0.72
88.5	6.57	2.17	26.975	0.66
88.55	5.78	2.49	26.99	0.76
88.6	5.39	4.13	27.006	1.26
88.65	5.2	3.1	27.021	0.95
88.7	5.1	2.57	27.036	0.78
88.75	4.55	1.78	27.051	0.54
88.8	4.27	2.09	27.066	0.64
88.85	4.14	2.64	27.082	0.81
88.9	3.57	2.81	27.097	0.86
88.95	3.78	0.83	27.112	0.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	3.89	1.39	27.127	0.42
89.05	4.45	1.07	27.143	0.32
89.1	5.22	1.96	27.158	0.6
89.15	5.61	3	27.173	0.91
89.2	5.31	1.28	27.188	0.39
89.25	5.15	0.95	27.204	0.29
89.3	4.58	1.52	27.219	0.46
89.35	4.29	1.51	27.234	0.46
89.4	4.14	2.48	27.249	0.76
89.45	4.07	1.5	27.265	0.46
89.5	4.04	1.78	27.28	0.54
89.55	4.52	0.77	27.295	0.23
89.6	4.26	1.55	27.31	0.47
89.65	4.13	1.38	27.326	0.42
89.7	4.06	1.21	27.341	0.37
89.75	4.03	1.66	27.356	0.51
89.8	4.02	1.3	27.371	0.4
89.85	4.01	1.95	27.387	0.59
89.9	4	2.23	27.402	0.68
89.95	4	0.94	27.417	0.29
90	4.5	2.48	27.432	0.76
90.05	4.25	1.32	27.448	0.4
90.1	4.13	2.2	27.463	0.67
90.15	4.06	0.91	27.478	0.28
90.2	4.03	1.45	27.493	0.44
90.25	4.02	1.29	27.508	0.39
90.3	4.01	1.18	27.524	0.36
90.35	4	1.73	27.539	0.53
90.4	4	0.98	27.554	0.3
90.45	4	2.05	27.569	0.63
90.5	4.5	1.51	27.585	0.46
90.55	4.75	1.08	27.6	0.33
90.6	4.38	0.93	27.615	0.28
90.65	4.19	1.57	27.63	0.48
90.7	4.09	0.81	27.646	0.25
90.75	4.05	0.75	27.661	0.23
90.8	4.02	1.12	27.676	0.34
90.85	4.01	1.33	27.691	0.4
90.9	4.01	1.73	27.707	0.53
90.95	4	1.59	27.722	0.48
91	4	1.47	27.737	0.45
91.05	4.5	1.74	27.752	0.53
91.1	4.25	1.5	27.768	0.46
91.15	4.13	1.49	27.783	0.46
91.2	4.06	1.39	27.798	0.42
91.25	4.03	2.38	27.813	0.73
91.3	4.02	0.54	27.829	0.17
91.35	4.01	1.75	27.844	0.53
91.4	4	1.16	27.859	0.35
91.45	4	1.15	27.874	0.35
91.5	4	0.89	27.889	0.27
91.55	4	0.96	27.905	0.29
91.6	4	1.4	27.92	0.43
91.65	4	1.64	27.935	0.5
91.7	4	1.3	27.95	0.4
91.75	4	1.06	27.966	0.32
91.8	4	1.68	27.981	0.51
91.85	4	1.4	27.996	0.43
91.9	4.5	1.24	28.011	0.38
91.95	4.25	1.13	28.027	0.34
92	4.13	1.11	28.042	0.34
92.05	4.06	1.75	28.057	0.53

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92.1	4.53	1.74	28.072	0.53
92.15	4.77	1.41	28.088	0.43
92.2	4.38	1.63	28.103	0.5
92.25	4.69	1.84	28.118	0.56
92.3	4.85	1.92	28.133	0.58
92.35	4.42	1.91	28.149	0.58
92.4	4.21	2.24	28.164	0.68
92.45	4.11	4.18	28.179	1.27
92.5	4.05	1.1	28.194	0.34
92.55	4.03	3.84	28.21	1.17
92.6	4.01	3.36	28.225	1.02
92.65	4.01	2.19	28.24	0.67
92.7	4	2.06	28.255	0.63
92.75	4	1.42	28.271	0.43
92.8	3.5	2.07	28.286	0.63
92.85	3.75	2.37	28.301	0.72
92.9	3.88	0.87	28.316	0.26
92.95	3.94	0.8	28.331	0.24
93	4.47	1.94	28.347	0.59
93.05	4.73	1.57	28.362	0.48
93.1	4.37	1.34	28.377	0.41
93.15	4.68	1.84	28.392	0.56
93.2	4.34	1.8	28.408	0.55
93.25	4.67	4.96	28.423	1.51
93.3	4.34	1.2	28.438	0.37
93.35	4.17	1.64	28.453	0.5
93.4	4.08	1.32	28.469	0.4
93.45	4.04	2.47	28.484	0.75
93.5	4.02	1.98	28.499	0.6
93.55	4.01	1.33	28.514	0.41
93.6	4.01	2.26	28.53	0.69
93.65	4	2.53	28.545	0.77
93.7	4	3.28	28.56	1
93.75	4	5.1	28.575	1.56
93.8	4	1.51	28.591	0.46
93.85	3.5	3.34	28.606	1.02
93.9	3.25	2.84	28.621	0.87
93.95	3.63	2.44	28.636	0.74
94	3.81	2.17	28.652	0.66
94.05	3.91	1.69	28.667	0.52
94.1	4.45	0.93	28.682	0.28
94.15	4.73	1.35	28.697	0.41
94.2	4.36	1.77	28.713	0.54
94.25	4.68	1.01	28.728	0.31
94.3	4.84	1.97	28.743	0.6
94.35	4.42	1.58	28.758	0.48
94.4	4.21	1.47	28.773	0.45
94.45	4.11	1.17	28.789	0.36
94.5	4.05	1.94	28.804	0.59
94.55	4.03	2.13	28.819	0.65
94.6	3.51	1.42	28.834	0.43
94.65	3.76	1.64	28.85	0.5
94.7	3.88	2.4	28.865	0.73
94.75	3.94	1.35	28.88	0.41
94.8	3.97	2.13	28.895	0.65
94.85	3.98	2.97	28.911	0.9
94.9	3.99	3.31	28.926	1.01
94.95	4	1.48	28.941	0.45
95	4	1.49	28.956	0.46
95.05	4	1.59	28.972	0.48
95.1	4	2.28	28.987	0.7
95.15	4	1.19	29.002	0.36

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95.2	4	1.19	29.017	0.36
95.25	4	0.89	29.033	0.27
95.3	3.5	1.16	29.048	0.35
95.35	3.75	0.98	29.063	0.3
95.4	3.37	0.78	29.078	0.24
95.45	3.69	1.16	29.094	0.35
95.5	3.34	1.02	29.109	0.31
95.55	3.67	1.85	29.124	0.56
95.6	3.84	1.18	29.139	0.36
95.65	3.42	0.67	29.154	0.21
95.7	3.71	1.4	29.17	0.43
95.75	3.85	1.55	29.185	0.47
95.8	3.93	2.53	29.2	0.77
95.85	3.46	2.06	29.215	0.63
95.9	3.73	1.64	29.231	0.5
95.95	3.87	1.28	29.246	0.39
96	3.93	1.26	29.261	0.38
96.05	4.47	1.71	29.276	0.52
96.1	4.23	1.24	29.292	0.38
96.15	4.12	2.74	29.307	0.84
96.2	4.56	1.6	29.322	0.49
96.25	4.28	1.99	29.337	0.61
96.3	4.64	1.53	29.353	0.47
96.35	4.32	2.41	29.368	0.74
96.4	4.16	1.76	29.383	0.54
96.45	4.58	1.43	29.398	0.44
96.5	4.79	2.25	29.414	0.68
96.55	4.39	1.88	29.429	0.57
96.6	4.2	2.65	29.444	0.81
96.65	4.1	1.57	29.459	0.48
96.7	4.55	1.06	29.475	0.32
96.75	4.27	2.05	29.49	0.63
96.8	4.14	2.39	29.505	0.73
96.85	4.07	2.79	29.52	0.85
96.9	4.03	2.74	29.536	0.84
96.95	4.02	2.51	29.551	0.77
97	4.01	2.34	29.566	0.71
97.05	4.5	1.15	29.581	0.35
97.1	4.25	2.86	29.596	0.87
97.15	4.13	1.63	29.612	0.5
97.2	4.06	1.95	29.627	0.59
97.25	3.53	1.89	29.642	0.58
97.3	3.77	1.73	29.657	0.53
97.35	3.88	2.46	29.673	0.75
97.4	3.94	1.35	29.688	0.41
97.45	3.97	2.36	29.703	0.72
97.5	3.99	1.01	29.718	0.31
97.55	3.99	3.7	29.734	1.13
97.6	4	2.69	29.749	0.82
97.65	4.5	3.66	29.764	1.12
97.7	4.25	3.21	29.779	0.98
97.75	4.12	1.14	29.795	0.35
97.8	4.06	2.08	29.81	0.63
97.85	4.03	2.51	29.825	0.77
97.9	4.02	2.46	29.84	0.75
97.95	4.01	2.61	29.856	0.8
98	4	0.94	29.871	0.29
98.05	4	2.28	29.886	0.69
98.1	4	2.69	29.901	0.82
98.15	4	2.13	29.917	0.65
98.2	4	1.14	29.932	0.35
98.25	4	1.88	29.947	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.3	4	1.01	29.962	0.31
98.35	4	2.32	29.978	0.71
98.4	4	1.53	29.993	0.47
98.45	4	2.89	30.008	0.88
98.5	3.5	1.53	30.023	0.47
98.55	3.75	2.11	30.038	0.64
98.6	3.88	1.92	30.054	0.59
98.65	3.94	3.76	30.069	1.15
98.7	3.97	1.79	30.084	0.55
98.75	4.48	2.36	30.099	0.72
98.8	4.24	2.13	30.115	0.65
98.85	4.12	1.92	30.13	0.59
98.9	4.06	2.73	30.145	0.83
98.95	4.03	2.95	30.16	0.9
99	4.02	1.96	30.176	0.6
99.05	4.01	3.59	30.191	1.09
99.1	4	4.79	30.206	1.46
99.15	4	1.47	30.221	0.45
99.2	4	2.03	30.237	0.62
99.25	4	2.31	30.252	0.7
99.3	4	2.26	30.267	0.69
99.35	4	2.85	30.282	0.87
99.4	4	2.31	30.298	0.7
99.45	4	1.62	30.313	0.49
99.5	4	2.57	30.328	0.78
99.55	4	1.56	30.343	0.47
99.6	4	1.35	30.359	0.41
99.65	4	2.44	30.374	0.74
99.7	4	0.95	30.389	0.29
99.75	4	1.78	30.404	0.54
99.8	4	2.33	30.419	0.71
99.85	4	1.63	30.435	0.5
99.9	4	1.56	30.45	0.48
99.95	4	2.42	30.465	0.74
100	4	1.96	30.48	0.6
100.05	4.5	1.91	30.496	0.58
100.1	4.25	2.7	30.511	0.82
100.15	4.12	1.91	30.526	0.58
100.2	4.06	2.02	30.541	0.61
100.25	4.03	3.19	30.557	0.97
100.3	4.02	1.6	30.572	0.49
100.35	4.01	2.72	30.587	0.83
100.4	4.5	1.32	30.602	0.4
100.45	4.25	1.88	30.618	0.57
100.5	4.13	0.95	30.633	0.29
100.55	4.06	1.56	30.648	0.47
100.6	4.53	2.64	30.663	0.8
100.65	4.77	1.04	30.679	0.32
100.7	4.38	3.45	30.694	1.05
100.75	4.69	1.85	30.709	0.56
100.8	4.85	1.87	30.724	0.57
100.85	4.42	1.98	30.74	0.6
100.9	4.71	0.89	30.755	0.27
100.95	4.86	1.41	30.77	0.43
101	4.93	3.55	30.785	1.08
101.05	4.96	2.11	30.801	0.64
101.1	4.98	1.5	30.816	0.46
101.15	4.99	0.89	30.831	0.27
101.2	5	1.74	30.846	0.53
101.25	5.5	1.49	30.861	0.45
101.3	5.75	1.31	30.877	0.4
101.35	5.87	2.63	30.892	0.8

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	6.44	0.84	30.907	0.26
101.45	6.72	1.59	30.922	0.49
101.5	6.86	3.08	30.938	0.94
101.55	6.93	0.87	30.953	0.27
101.6	6.46	2.67	30.968	0.82
101.65	6.23	1.19	30.983	0.36
101.7	6.12	1.77	30.999	0.54
101.75	6.06	1.83	31.014	0.56
101.8	5.53	1.39	31.029	0.42
101.85	5.26	2	31.044	0.61
101.9	5.13	1.76	31.06	0.54
101.95	5.07	2.05	31.075	0.62
102	5.03	1.67	31.09	0.51
102.05	5.52	1.3	31.105	0.4
102.1	6.26	1.22	31.121	0.37
102.15	6.63	3.16	31.136	0.96
102.2	6.81	1.56	31.151	0.47
102.25	6.91	1.88	31.166	0.57
102.3	6.95	2.44	31.182	0.74
102.35	6.98	2.31	31.197	0.7
102.4	7.49	1.65	31.212	0.5
102.45	7.24	3.78	31.227	1.15
102.5	7.12	2.39	31.243	0.73
102.55	7.06	1.75	31.258	0.53
102.6	7.03	1.85	31.273	0.56
102.65	7.02	3.22	31.288	0.98
102.7	7.01	2.86	31.303	0.87
102.75	7	1.51	31.319	0.46
102.8	7	1.27	31.334	0.39
102.85	6.5	3.47	31.349	1.06
102.9	6.75	1.32	31.364	0.4
102.95	6.88	2.69	31.38	0.82
103	6.94	2.32	31.395	0.71
103.05	6.97	1.93	31.41	0.59
103.1	6.98	1.24	31.425	0.38
103.15	6.99	1.29	31.441	0.39
103.2	7	2.13	31.456	0.65
103.25	7	3.09	31.471	0.94
103.3	7	2.32	31.486	0.71
103.35	7	2.46	31.502	0.75
103.4	7.5	4.34	31.517	1.32
103.45	8.25	3.15	31.532	0.96
103.5	8.62	2.28	31.547	0.69
103.55	8.81	2.26	31.563	0.69
103.6	8.91	2.01	31.578	0.61
103.65	8.45	3.95	31.593	1.21
103.7	8.23	1.96	31.608	0.6
103.75	8.11	3.26	31.624	0.99
103.8	8.06	3.79	31.639	1.16
103.85	7.53	2.68	31.654	0.82
103.9	7.26	4.34	31.669	1.32
103.95	7.13	3.5	31.684	1.07
104	6.57	2.82	31.7	0.86
104.05	6.78	2.18	31.715	0.67
104.1	6.89	1.74	31.73	0.53
104.15	7.45	1.86	31.745	0.57
104.2	7.22	1.37	31.761	0.42
104.25	7.11	1.48	31.776	0.45
104.3	7.06	2.92	31.791	0.89
104.35	7.03	2.01	31.806	0.61
104.4	7.01	2.44	31.822	0.74
104.45	6.51	1.64	31.837	0.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	6.25	2.34	31.852	0.71
104.55	6.13	1.68	31.867	0.51
104.6	6.06	2.42	31.883	0.74
104.65	5.53	1.79	31.898	0.54
104.7	5.27	3.1	31.913	0.94
104.75	5.13	2.25	31.928	0.68
104.8	5.07	3.09	31.944	0.94
104.85	5.03	2.54	31.959	0.77
104.9	5.02	2.2	31.974	0.67
104.95	5.01	1.69	31.989	0.51
105	5.5	2.19	32.005	0.67
105.05	5.75	2.52	32.02	0.77
105.1	6.38	1.92	32.035	0.58
105.15	6.69	2.78	32.05	0.85
105.2	6.34	2.16	32.066	0.66
105.25	6.17	2	32.081	0.61
105.3	6.09	2.5	32.096	0.76
105.35	6.54	2.55	32.111	0.78
105.4	6.77	2.71	32.126	0.82
105.45	6.89	1.28	32.142	0.39
105.5	6.44	2.28	32.157	0.69
105.55	5.72	1.88	32.172	0.57
105.6	5.36	1.28	32.187	0.39
105.65	5.18	1.3	32.203	0.4
105.7	5.09	1.59	32.218	0.48
105.75	5.05	1.89	32.233	0.58
105.8	5.52	2.11	32.248	0.64
105.85	5.76	1.22	32.264	0.37
105.9	5.88	2.62	32.279	0.8
105.95	6.44	2.22	32.294	0.68
106	6.22	2.01	32.309	0.61
106.05	5.61	1.27	32.325	0.39
106.1	5.31	2.66	32.34	0.81
106.15	5.15	3.5	32.355	1.07
106.2	4.58	2.46	32.37	0.75
106.25	4.79	1.85	32.386	0.57
106.3	4.39	5.21	32.401	1.59
106.35	4.7	2.94	32.416	0.9
106.4	4.85	1.8	32.431	0.55
106.45	4.42	3.09	32.447	0.94
106.5	4.21	2.26	32.462	0.69
106.55	4.61	3.65	32.477	1.11
106.6	4.3	3.12	32.492	0.95
106.65	4.15	2.61	32.508	0.79
106.7	4.08	1.74	32.523	0.53
106.75	4.04	2.63	32.538	0.8
106.8	4.02	2.17	32.553	0.66
106.85	4.01	2.89	32.568	0.88
106.9	4.5	2.93	32.584	0.89
106.95	4.75	3.26	32.599	0.99
107	4.88	2.94	32.614	0.9
107.05	4.94	2.14	32.629	0.65
107.1	4.47	1.78	32.645	0.54
107.15	4.73	2.25	32.66	0.69
107.2	4.87	2.88	32.675	0.88
107.25	4.93	3.55	32.69	1.08
107.3	5.47	2.25	32.706	0.68
107.35	5.73	2.47	32.721	0.75
107.4	6.37	2.81	32.736	0.86
107.45	6.18	2.14	32.751	0.65
107.5	6.59	2.05	32.767	0.62
107.55	7.3	1.41	32.782	0.43

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107.6	7.65	2.06	32.797	0.63
107.65	7.32	5.79	32.812	1.76
107.7	8.16	3.33	32.828	1.02
107.75	9.08	3.21	32.843	0.98
107.8	10.04	2.5	32.858	0.76
107.85	10.02	2.45	32.873	0.75
107.9	10.01	2.78	32.889	0.85
107.95	9.51	2.43	32.904	0.74
108	8.25	2.87	32.919	0.88
108.05	7.63	5.45	32.934	1.66
108.1	6.81	2.86	32.949	0.87
108.15	5.91	3.03	32.965	0.92
108.2	5.45	2.13	32.98	0.65
108.25	5.23	2.63	32.995	0.8
108.3	5.11	2.63	33.01	0.8
108.35	4.56	3.06	33.026	0.93
108.4	4.28	2.52	33.041	0.77
108.45	4.14	4.11	33.056	1.25
108.5	4.07	1.77	33.071	0.54
108.55	4.03	2.08	33.087	0.63
108.6	4.02	1.22	33.102	0.37
108.65	4.01	3.16	33.117	0.96
108.7	4	3.2	33.132	0.98
108.75	4	2.44	33.148	0.74
108.8	4	1.9	33.163	0.58
108.85	4	4.54	33.178	1.39
108.9	4	2.69	33.193	0.82
108.95	4	4.13	33.209	1.26
109	4	2.43	33.224	0.74
109.05	4	1.68	33.239	0.51
109.1	5	3.83	33.254	1.17
109.15	6	2.64	33.27	0.81
109.2	6.5	3.01	33.285	0.92
109.25	6.75	2.63	33.3	0.8
109.3	6.38	1.96	33.315	0.6
109.35	6.19	3.05	33.331	0.93
109.4	6.09	1.03	33.346	0.31
109.45	6.05	1.05	33.361	0.32
109.5	5.52	3.36	33.376	1.02
109.55	5.76	2.07	33.391	0.63
109.6	5.88	2.07	33.407	0.63
109.65	5.94	2.6	33.422	0.79
109.7	6.47	2.68	33.437	0.82
109.75	6.74	2.09	33.452	0.64
109.8	6.87	3.91	33.468	1.19
109.85	6.93	1.7	33.483	0.52
109.9	6.97	4.4	33.498	1.34
109.95	6.98	3.88	33.513	1.18
110	6.99	3.07	33.529	0.94
110.05	7	1.97	33.544	0.6
110.1	7	2.1	33.559	0.64
110.15	6.5	3.54	33.574	1.08
110.2	6.25	1.72	33.59	0.53
110.25	6.12	1.33	33.605	0.4
110.3	6.06	2.79	33.62	0.85
110.35	6.03	1.69	33.635	0.51
110.4	6.02	2.54	33.651	0.77
110.45	6.01	1.8	33.666	0.55
110.5	6.5	1.2	33.681	0.37
110.55	7.25	1.3	33.696	0.4
110.6	7.13	1.71	33.712	0.52
110.65	6.56	3.05	33.727	0.93

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110.7	6.28	1.32	33.742	0.4
110.75	6.64	2.09	33.757	0.64
110.8	6.32	0.79	33.772	0.24
110.85	6.16	2.66	33.788	0.81
110.9	6.08	1.67	33.803	0.51
110.95	6.54	0.81	33.818	0.25
111	7.27	2.4	33.833	0.73
111.05	8.14	0.92	33.849	0.28
111.1	8.57	1.41	33.864	0.43
111.15	8.28	1.57	33.879	0.48
111.2	8.14	1.7	33.894	0.52
111.25	7.57	1.68	33.91	0.51
111.3	6.79	1.2	33.925	0.37
111.35	7.39	2.27	33.94	0.69
111.4	7.2	2.09	33.955	0.64
111.45	6.6	1.25	33.971	0.38
111.5	6.8	2.05	33.986	0.62
111.55	6.9	3.25	34.001	0.99
111.6	6.95	0.95	34.016	0.29
111.65	6.97	1.3	34.032	0.4
111.7	6.99	3.27	34.047	1
111.75	6.99	1.03	34.062	0.32
111.8	7	1.55	34.077	0.47
111.85	7	0.85	34.093	0.26
111.9	7.5	1.4	34.108	0.43
111.95	7.25	2.13	34.123	0.65
112	7.12	1.39	34.138	0.42
112.05	6.56	1.21	34.154	0.37
112.1	6.78	1.6	34.169	0.49
112.15	6.39	3.68	34.184	1.12
112.2	7.2	2.26	34.199	0.69
112.25	7.6	1.22	34.214	0.37
112.3	7.8	1.33	34.23	0.4
112.35	7.9	1.91	34.245	0.58
112.4	7.45	1.59	34.26	0.49
112.45	7.22	2.59	34.275	0.79
112.5	7.11	1.32	34.291	0.4
112.55	7.06	3.43	34.306	1.05
112.6	6.53	3.29	34.321	1
112.65	6.26	2.44	34.336	0.74
112.7	6.13	2.42	34.352	0.74
112.75	6.07	2.85	34.367	0.87
112.8	6.03	1.93	34.382	0.59
112.85	6.52	2.42	34.397	0.74
112.9	7.26	2.61	34.413	0.79
112.95	7.63	1.52	34.428	0.46
113	7.81	1.24	34.443	0.38
113.05	7.91	2.7	34.458	0.82
113.1	7.45	1.36	34.474	0.42
113.15	7.23	1.98	34.489	0.6
113.2	7.11	1.2	34.504	0.37
113.25	6.06	2.15	34.519	0.65
113.3	6.03	2.09	34.535	0.64
113.35	6.01	2.15	34.55	0.66
113.4	6.01	1.68	34.565	0.51
113.45	6	3.12	34.58	0.95
113.5	5.5	1.26	34.596	0.38
113.55	5.75	2.39	34.611	0.73
113.6	6.38	1.47	34.626	0.45
113.65	6.19	2.69	34.641	0.82
113.7	6.59	1.97	34.656	0.6
113.75	6.8	2.95	34.672	0.9

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113.8	7.4	2.59	34.687	0.79
113.85	7.2	2.57	34.702	0.78
113.9	7.6	2.27	34.717	0.69
113.95	8.3	0.83	34.733	0.25
114	8.65	1.9	34.748	0.58
114.05	8.82	2.09	34.763	0.64
114.1	8.41	1.26	34.778	0.38
114.15	8.21	0.97	34.794	0.3
114.2	7.6	1.58	34.809	0.48
114.25	7.8	0.98	34.824	0.3
114.3	8.4	0.87	34.839	0.26
114.35	9.2	0.9	34.855	0.27
114.4	9.1	0.55	34.87	0.17
114.45	8.55	0.59	34.885	0.18
114.5	8.28	0.8	34.9	0.24
114.55	8.14	1.41	34.916	0.43
114.6	8.57	0.79	34.931	0.24
114.65	8.78	0.81	34.946	0.25
114.7	8.89	2.08	34.961	0.63
114.75	8.95	0.79	34.977	0.24
114.8	8.97	2.04	34.992	0.62
114.85	8.99	0.84	35.007	0.25
114.9	8.99	1.59	35.022	0.49
114.95	8.5	1.18	35.037	0.36
115	8.25	1.96	35.053	0.6
115.05	8.62	1	35.068	0.31
115.1	8.31	2.51	35.083	0.77
115.15	7.16	1.43	35.098	0.44
115.2	6.58	0.96	35.114	0.29
115.25	6.29	2.01	35.129	0.61
115.3	6.14	2.93	35.144	0.89
115.35	6.57	1.23	35.159	0.38
115.4	7.29	0.76	35.175	0.23
115.45	8.14	0.72	35.19	0.22
115.5	8.57	1.9	35.205	0.58
115.55	9.29	1.32	35.22	0.4
115.6	9.64	0.54	35.236	0.16
115.65	9.82	1.12	35.251	0.34
115.7	9.41	0.7	35.266	0.21
115.75	9.21	0.88	35.281	0.27
115.8	8.6	0.8	35.297	0.24
115.85	7.8	1.11	35.312	0.34
115.9	7.4	0.81	35.327	0.25
115.95	6.7	0.84	35.342	0.25
116	6.35	0.82	35.358	0.25
116.05	6.18	1.1	35.373	0.34
116.1	6.09	0.83	35.388	0.25
116.15	6.54	1.34	35.403	0.41
116.2	7.27	1.41	35.419	0.43
116.25	7.64	0.84	35.434	0.25
116.3	6.82	0.71	35.449	0.22
116.35	6.41	1.46	35.464	0.45
116.4	6.2	0.94	35.479	0.29
116.45	6.6	1.08	35.495	0.33
116.5	7.8	1.36	35.51	0.41
116.55	7.9	0.91	35.525	0.28
116.6	7.45	0.88	35.54	0.27
116.65	7.23	0.84	35.556	0.26
116.7	7.11	1.48	35.571	0.45
116.75	6.56	1.08	35.586	0.33
116.8	6.28	0.93	35.601	0.28
116.85	6.14	0.96	35.617	0.29

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116.9	6.07	1.11	35.632	0.34
116.95	6.03	0.75	35.647	0.23
117	6.02	0.89	35.662	0.27
117.05	6.01	1.13	35.678	0.35
117.1	6	1.07	35.693	0.33
117.15	6.5	0.76	35.708	0.23
117.2	6.75	0.77	35.723	0.23
117.25	6.38	1.09	35.739	0.33
117.3	5.69	0.68	35.754	0.21
117.35	5.34	0.69	35.769	0.21
117.4	5.17	0.64	35.784	0.2
117.45	5.09	0.66	35.8	0.2
117.5	5.04	3.28	35.815	1
117.55	5.02	2.26	35.83	0.69
117.6	6.01	2.47	35.845	0.75
117.65	6.51	3.81	35.861	1.16
117.7	6.75	1.45	35.876	0.44
117.75	6.88	2.96	35.891	0.9
117.8	6.94	3.47	35.906	1.06
117.85	7.47	4.85	35.921	1.48
117.9	7.73	4.19	35.937	1.28
117.95	7.87	3.94	35.952	1.2
118	7.43	1.91	35.967	0.58
118.05	6.72	1.81	35.982	0.55
118.1	5.86	1	35.998	0.3
118.15	5.93	2.28	36.013	0.69
118.2	5.96	1.11	36.028	0.34
118.25	5.98	1.01	36.043	0.31
118.3	5.99	0.74	36.059	0.22
118.35	6	1.93	36.074	0.59
118.4	6	1.48	36.089	0.45
118.45	6	2.53	36.104	0.77
118.5	6	1.68	36.12	0.51
118.55	6	1.27	36.135	0.39
118.6	6	1.42	36.15	0.43
118.65	6	2.95	36.165	0.9
118.7	5.5	1.44	36.181	0.44
118.75	5.75	2.51	36.196	0.77
118.8	5.87	1.76	36.211	0.54
118.85	5.94	3.52	36.226	1.07
118.9	5.47	2.42	36.242	0.74
118.95	5.73	1.97	36.257	0.6
119	5.87	2.47	36.272	0.75
119.05	5.43	3.32	36.287	1.01
119.1	5.72	2.77	36.302	0.84
119.15	5.36	3.47	36.318	1.06
119.2	5.68	1.82	36.333	0.56
119.25	5.84	1.24	36.348	0.38
119.3	5.92	2.17	36.363	0.66
119.35	6.46	2.42	36.379	0.74
119.4	6.23	1.98	36.394	0.6
119.45	6.11	1.64	36.409	0.5
119.5	6.06	1.88	36.424	0.57
119.55	6.03	1.03	36.44	0.31
119.6	6.01	1.51	36.455	0.46
119.65	6.01	1.66	36.47	0.51
119.7	6	2.11	36.485	0.64
119.75	6	1.68	36.501	0.51
119.8	6	2.38	36.516	0.73
119.85	6	1.79	36.531	0.54
119.9	6	2.76	36.546	0.84
119.95	5.5	2.34	36.562	0.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	5.75	2	36.577	0.61
120.05	5.88	1.71	36.592	0.52
120.1	5.94	2.52	36.607	0.77
120.15	5.97	1.87	36.623	0.57
120.2	5.48	1.77	36.638	0.54
120.25	5.24	1.54	36.653	0.47
120.3	5.12	2.93	36.668	0.89
120.35	5.06	1.87	36.684	0.57
120.4	5.03	4.22	36.699	1.29
120.45	5.02	2.12	36.714	0.65
120.5	5.51	1.38	36.729	0.42
120.55	5.75	1.7	36.744	0.52
120.6	5.88	1.38	36.76	0.42
120.65	5.94	2.32	36.775	0.71
120.7	5.97	1.38	36.79	0.42
120.75	5.98	2.74	36.805	0.83
120.8	5.99	1.79	36.821	0.54
120.85	6	1.93	36.836	0.59
120.9	6	2.22	36.851	0.68
120.95	6	2.44	36.866	0.74
121	6	2.93	36.882	0.89
121.05	6	1.92	36.897	0.59
121.1	6	2.6	36.912	0.79
121.15	6	2.4	36.927	0.73
121.2	5.5	2.74	36.943	0.84
121.25	5.75	2.52	36.958	0.77
121.3	5.87	2.43	36.973	0.74
121.35	5.44	2.26	36.988	0.69
121.4	5.22	2.26	37.004	0.69
121.45	5.11	2.32	37.019	0.71
121.5	5.05	2.11	37.034	0.64
121.55	5.53	2.5	37.049	0.76
121.6	5.26	1.88	37.065	0.57
121.65	5.13	2.05	37.08	0.63
121.7	5.57	2.35	37.095	0.72
121.75	5.78	2.59	37.11	0.79
121.8	5.39	2.51	37.126	0.76
121.85	5.2	1.98	37.141	0.6
121.9	5.1	2.15	37.156	0.65
121.95	5.55	1.67	37.171	0.51
122	5.77	2.07	37.186	0.63
122.05	5.89	1.8	37.202	0.55
122.1	5.44	2.08	37.217	0.63
122.15	5.72	2.17	37.232	0.66
122.2	5.86	1.88	37.247	0.57
122.25	5.93	1.88	37.263	0.57
122.3	5.97	2.52	37.278	0.77
122.35	5.98	2.27	37.293	0.69
122.4	5.99	1.96	37.308	0.6
122.45	6	2.93	37.324	0.89
122.5	6	2.91	37.339	0.89
122.55	6	2.26	37.354	0.69
122.6	6	5.27	37.369	1.61
122.65	6.5	3.43	37.385	1.04
122.7	6.75	2.41	37.4	0.73
122.75	6.87	2.8	37.415	0.85
122.8	6.94	8.09	37.43	2.47
122.85	6.47	4.97	37.446	1.51
122.9	6.73	4.2	37.461	1.28
122.95	6.37	2.87	37.476	0.88
123	6.18	2.59	37.491	0.79
123.05	6.09	3.95	37.507	1.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	5.55	3.42	37.522	1.04
123.15	5.77	4.51	37.537	1.37
123.2	5.89	6.26	37.552	1.91
123.25	6.44	5.88	37.567	1.79
123.3	6.22	2.82	37.583	0.86
123.35	6.11	3.03	37.598	0.92
123.4	6.06	3.66	37.613	1.12
123.45	6.03	4.76	37.628	1.45
123.5	6.01	2.95	37.644	0.9
123.55	6.01	1.56	37.659	0.48
123.6	6	1.09	37.674	0.33
123.65	6	1.78	37.689	0.54
123.7	6	2.09	37.705	0.64
123.75	6	2.31	37.72	0.7
123.8	6	2	37.735	0.61
123.85	6	2.83	37.75	0.86
123.9	6	1.86	37.766	0.57
123.95	6	2.81	37.781	0.86
124	6	2.08	37.796	0.63
124.05	6.5	2.55	37.811	0.78
124.1	6.25	1.72	37.827	0.53
124.15	6.13	3.09	37.842	0.94
124.2	6.56	2.22	37.857	0.68
124.25	6.28	4.88	37.872	1.49
124.3	6.14	2.71	37.888	0.83
124.35	6.07	1.97	37.903	0.6
124.4	6.04	3.23	37.918	0.99
124.45	6.52	1.95	37.933	0.6
124.5	6.76	1.92	37.949	0.59
124.55	6.88	3.24	37.964	0.99
124.6	6.44	1.82	37.979	0.55
124.65	6.22	3.13	37.994	0.95
124.7	6.11	2.72	38.009	0.83
124.75	6.05	0.7	38.025	0.21
124.8	6.03	1.85	38.04	0.56
124.85	6.01	1.22	38.055	0.37
124.9	6.01	1.15	38.07	0.35
124.95	6.5	1.27	38.086	0.39
125	6.25	1.36	38.101	0.41
125.05	6.13	1.28	38.116	0.39
125.1	6.06	1.54	38.131	0.47
125.15	6.03	1.99	38.147	0.61
125.2	6.02	1.58	38.162	0.48
125.25	6.01	1.29	38.177	0.39
125.3	6	2.01	38.192	0.61
125.35	6.5	1.56	38.208	0.48
125.4	6.75	1.8	38.223	0.55
125.45	6.88	1.43	38.238	0.44
125.5	6.44	3.02	38.253	0.92
125.55	6.22	2.12	38.269	0.65
125.6	6.11	2.29	38.284	0.7
125.65	6.55	1.59	38.299	0.48
125.7	6.78	1.93	38.314	0.59
125.75	6.39	2.85	38.33	0.87
125.8	6.69	3.86	38.345	1.18
125.85	6.85	3.06	38.36	0.93
125.9	7.42	5.28	38.375	1.61
125.95	7.71	2.6	38.39	0.79
126	7.86	3.18	38.406	0.97
126.05	8.43	2.06	38.421	0.63
126.1	9.71	1.24	38.436	0.38
126.15	11.36	1.64	38.451	0.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	14.68	1.53	38.467	0.47
126.25	17.84	1.71	38.482	0.52
126.3	20.92	1.98	38.497	0.6
126.35	23.96	1.78	38.512	0.54
126.4	25.48	1.25	38.528	0.38
126.45	25.24	1.62	38.543	0.49
126.5	25.12	1.6	38.558	0.49
126.55	25.06	1.95	38.573	0.6
126.6	24.03	1.31	38.589	0.4
126.65	22.51	1.64	38.604	0.5
126.7	21.26	1.82	38.619	0.56
126.75	18.13	2.23	38.634	0.68
126.8	16.06	1.45	38.65	0.44
126.85	14.53	1.99	38.665	0.61
126.9	13.27	1.55	38.68	0.47
126.95	12.63	2.04	38.695	0.62
127	12.32	2.25	38.711	0.68
127.05	12.16	1.84	38.726	0.56
127.1	12.58	2.03	38.741	0.62
127.15	12.79	2.33	38.756	0.71
127.2	12.89	2.37	38.772	0.72
127.25	12.45	2.16	38.787	0.66
127.3	12.72	1.92	38.802	0.59
127.35	12.36	2.16	38.817	0.66
127.4	12.18	1.96	38.832	0.6
127.45	13.09	2.68	38.848	0.82
127.5	13.05	1.06	38.863	0.32
127.55	13.02	1.35	38.878	0.41
127.6	13.51	3.51	38.893	1.07
127.65	13.26	2.19	38.909	0.67
127.7	13.63	2.01	38.924	0.61
127.75	14.31	2.4	38.939	0.73
127.8	15.16	4.85	38.954	1.48
127.85	16.58	2.66	38.97	0.81
127.9	18.29	3.41	38.985	1.04
127.95	19.64	3.41	39	1.04
128	20.82	5.51	39.015	1.68
128.05	21.41	2.96	39.031	0.9
128.1	22.21	3.56	39.046	1.09
128.15	23.1	2.83	39.061	0.86
128.2	22.55	5.88	39.076	1.79
128.25	23.78	4.67	39.092	1.42
128.3	24.39	4.3	39.107	1.31
128.35	24.69	5.01	39.122	1.53
128.4	24.85	5.98	39.137	1.82
128.45	22.42	4.57	39.153	1.39
128.5	21.21	2.95	39.168	0.9
128.55	20.61	3.04	39.183	0.93
128.6	20.8	2.36	39.198	0.72
128.65	21.4	5.38	39.214	1.64
128.7	21.2	2.92	39.229	0.89
128.75	21.6	3.33	39.244	1.01
128.8	21.3	4.99	39.259	1.52
128.85	21.65	3.3	39.274	1.01
128.9	21.83	2.01	39.29	0.61
128.95	21.41	2.63	39.305	0.8
129	21.21	3.08	39.32	0.94
129.05	21.6	3.33	39.335	1.01
129.1	23.3	3.77	39.351	1.15
129.15	24.15	3.06	39.366	0.93
129.2	24.08	2.53	39.381	0.77
129.25	24.54	3.12	39.396	0.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	26.77	3.94	39.412	1.2
129.35	26.38	2.64	39.427	0.81
129.4	25.19	2.46	39.442	0.75
129.45	24.6	4.04	39.457	1.23
129.5	23.8	4.54	39.473	1.38
129.55	24.4	5.99	39.488	1.83
129.6	23.7	4.02	39.503	1.23
129.65	23.85	3.93	39.518	1.2
129.7	23.92	4.52	39.534	1.38
129.75	22.96	2.46	39.549	0.75
129.8	22.48	4.03	39.564	1.23
129.85	22.24	2.22	39.579	0.68
129.9	22.62	2.8	39.595	0.85
129.95	23.81	3.03	39.61	0.92
130	23.41	2.36	39.625	0.72
130.05	23.7	2.74	39.64	0.83
130.1	22.35	3.62	39.655	1.1
130.15	22.18	3.13	39.671	0.95
130.2	23.09	2.42	39.686	0.74
130.25	23.54	2.58	39.701	0.79
130.3	22.77	2.72	39.716	0.83
130.35	22.89	2.43	39.732	0.74
130.4	21.94	2.41	39.747	0.73
130.45	20.97	2.9	39.762	0.88
130.5	20.49	2.89	39.777	0.88
130.55	20.74	2.36	39.793	0.72
130.6	20.37	3.01	39.808	0.92
130.65	20.69	2.33	39.823	0.71
130.7	20.34	3.19	39.838	0.97
130.75	20.17	2.57	39.854	0.78
130.8	21.09	2.75	39.869	0.84
130.85	21.54	2.16	39.884	0.66
130.9	21.77	4.52	39.899	1.38
130.95	21.39	2.53	39.915	0.77
131	19.69	2.36	39.93	0.72
131.05	19.85	2.62	39.945	0.8
131.1	18.92	3.92	39.96	1.19
131.15	18.46	2.17	39.976	0.66
131.2	17.73	2.16	39.991	0.66
131.25	17.87	2.36	40.006	0.72
131.3	17.93	2.94	40.021	0.9
131.35	18.97	2	40.037	0.61
131.4	18.48	2.41	40.052	0.73
131.45	18.24	2.62	40.067	0.8
131.5	18.12	1.99	40.082	0.61
131.55	18.06	2.45	40.097	0.75
131.6	18.03	1.95	40.113	0.59
131.65	18.52	2.43	40.128	0.74
131.7	18.26	1.96	40.143	0.6
131.75	17.63	2.81	40.158	0.86
131.8	17.81	2.44	40.174	0.74
131.85	18.41	2.35	40.189	0.72
131.9	18.2	2.78	40.204	0.85
131.95	18.1	1.99	40.219	0.61
132	18.05	2.26	40.235	0.69
132.05	17.53	3.17	40.25	0.97
132.1	17.76	2.47	40.265	0.75
132.15	18.38	2.01	40.28	0.61
132.2	19.19	2.05	40.296	0.63
132.25	18.1	2.85	40.311	0.87
132.3	17.55	2.25	40.326	0.69
132.35	17.27	2.29	40.341	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	16.64	2.22	40.357	0.68
132.45	16.32	2.5	40.372	0.76
132.5	17.16	3.54	40.387	1.08
132.55	16.58	2.86	40.402	0.87
132.6	17.29	3.96	40.418	1.21
132.65	17.64	2.89	40.433	0.88
132.7	16.82	3.16	40.448	0.96
132.75	17.41	1.26	40.463	0.38
132.8	18.21	2.53	40.479	0.77
132.85	18.6	1.99	40.494	0.61
132.9	18.3	3.12	40.509	0.95
132.95	19.65	2.32	40.524	0.71
133	17.83	2.65	40.539	0.81
133.05	16.91	2.53	40.555	0.77
133.1	17.46	2.93	40.57	0.89
133.15	20.23	3.19	40.585	0.97
133.2	20.61	2.51	40.6	0.77
133.25	20.31	1.96	40.616	0.6
133.3	20.65	2.36	40.631	0.72
133.35	19.33	3.21	40.646	0.98
133.4	18.16	5.89	40.661	1.8
133.45	17.08	2.81	40.677	0.86
133.5	16.54	2.83	40.692	0.86
133.55	16.27	4.32	40.707	1.32
133.6	15.14	4.23	40.722	1.29
133.65	15.57	4.5	40.738	1.37
133.7	14.28	3.24	40.753	0.99
133.75	14.14	3.39	40.768	1.03
133.8	14.57	2.25	40.783	0.69
133.85	14.29	2.21	40.799	0.67
133.9	14.14	3.98	40.814	1.21
133.95	13.07	1.93	40.829	0.59
134	13.04	2.85	40.844	0.87
134.05	13.02	1.37	40.86	0.42
134.1	12.01	1.57	40.875	0.48
134.15	11	1.92	40.89	0.58
134.2	11	2.61	40.905	0.8
134.25	10.5	3.02	40.92	0.92
134.3	9.25	1.71	40.936	0.52
134.35	8.13	1.87	40.951	0.57
134.4	7.06	2.15	40.966	0.66
134.45	7.53	4.62	40.981	1.41
134.5	7.27	1.76	40.997	0.54
134.55	6.63	2.39	41.012	0.73
134.6	6.82	1.81	41.027	0.55
134.65	5.91	4.01	41.042	1.22
134.7	6.95	2.14	41.058	0.65
134.75	6.48	3.5	41.073	1.07
134.8	6.74	2.13	41.088	0.65
134.85	6.87	1.97	41.103	0.6
134.9	6.93	3.18	41.119	0.97
134.95	6.47	4.23	41.134	1.29
135	6.23	2.21	41.149	0.67
135.05	6.12	2.04	41.164	0.62
135.1	5.56	2.74	41.18	0.84
135.15	5.78	1.69	41.195	0.52
135.2	6.89	1.92	41.21	0.58
135.25	6.94	0.85	41.225	0.26
135.3	7.47	1.71	41.241	0.52
135.35	6.74	1.41	41.256	0.43
135.4	6.87	1.38	41.271	0.42
135.45	6.43	2.03	41.286	0.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	6.72	2.25	41.302	0.69
135.55	5.86	1.35	41.317	0.41
135.6	5.93	1.91	41.332	0.58
135.65	5.96	1.57	41.347	0.48
135.7	5.98	2.1	41.362	0.64
135.75	5.99	1.72	41.378	0.53
135.8	6	1.52	41.393	0.46
135.85	6	1.6	41.408	0.49
135.9	6	2.43	41.423	0.74
135.95	6	1.34	41.439	0.41
136	6	1.2	41.454	0.37
136.05	6	1.11	41.469	0.34
136.1	6	1.61	41.484	0.49
136.15	6	1.45	41.5	0.44
136.2	6	2.23	41.515	0.68
136.25	6.5	1.88	41.53	0.57
136.3	6.75	1.84	41.545	0.56
136.35	6.37	2.06	41.561	0.63
136.4	6.19	1.07	41.576	0.33
136.45	6.09	0.84	41.591	0.26
136.5	6.55	0.57	41.606	0.17
136.55	6.77	0.79	41.622	0.24
136.6	7.39	1.01	41.637	0.31
136.65	7.19	1.01	41.652	0.31
136.7	6.6	0.91	41.667	0.28
136.75	6.8	1.17	41.683	0.36
136.8	6.4	1.48	41.698	0.45
136.85	6.7	0.96	41.713	0.29
136.9	6.85	0.86	41.728	0.26
136.95	6.42	1.5	41.744	0.46
137	6.71	0.91	41.759	0.28
137.05	6.86	0.86	41.774	0.26
137.1	6.93	1.08	41.789	0.33
137.15	6.96	1.25	41.804	0.38
137.2	6.48	1.69	41.82	0.52
137.25	6.74	1.71	41.835	0.52
137.3	7.37	1.86	41.85	0.57
137.35	7.69	1.96	41.865	0.6
137.4	7.84	1.85	41.881	0.56
137.45	8.42	0.77	41.896	0.23
137.5	8.71	3.49	41.911	1.07
137.55	8.86	3.81	41.926	1.16
137.6	8.93	2.02	41.942	0.62
137.65	8.46	2.13	41.957	0.65
137.7	8.73	1.14	41.972	0.35
137.75	8.87	0.85	41.987	0.26
137.8	8.43	1.75	42.003	0.53
137.85	8.22	0.9	42.018	0.27
137.9	8.11	1.67	42.033	0.51
137.95	7.55	1.37	42.048	0.42
138	7.28	3.16	42.064	0.96
138.05	7.64	2.3	42.079	0.7
138.1	7.82	2.78	42.094	0.85
138.15	7.41	1.7	42.109	0.52
138.2	7.7	5.68	42.125	1.73
138.25	7.85	1.59	42.14	0.49
138.3	7.93	3.16	42.155	0.96
138.35	7.96	2.52	42.17	0.77
138.4	7.98	5.81	42.185	1.77
138.45	7.99	2.99	42.201	0.91
138.5	8	2.99	42.216	0.91
138.55	7.5	2.12	42.231	0.65

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	7.75	4.82	42.246	1.47
138.65	7.87	4.37	42.262	1.33
138.7	7.44	4.51	42.277	1.37
138.75	7.22	2.58	42.292	0.79
138.8	7.11	6.12	42.307	1.87
138.85	6.55	3.1	42.323	0.94
138.9	6.78	1.57	42.338	0.48
138.95	6.89	2.59	42.353	0.79
139	6.94	1.43	42.368	0.44
139.05	6.97	1.96	42.384	0.6
139.1	6.49	1.37	42.399	0.42
139.15	6.74	1.95	42.414	0.6
139.2	6.87	1.77	42.429	0.54
139.25	6.94	3.11	42.445	0.95
139.3	6.47	2.86	42.46	0.87
139.35	6.73	2.29	42.475	0.7
139.4	6.87	1.77	42.49	0.54
139.45	6.93	3.03	42.506	0.93
139.5	6.97	1.85	42.521	0.56
139.55	6.98	3.22	42.536	0.98
139.6	6.99	2.38	42.551	0.73
139.65	7	2.72	42.567	0.83
139.7	7	2.26	42.582	0.69
139.75	7	2.81	42.597	0.86
139.8	7	2.55	42.612	0.78
139.85	7	4.47	42.627	1.36
139.9	7	3.24	42.643	0.99
139.95	6.5	3.78	42.658	1.15
140	6.25	1.69	42.673	0.51
140.05	6.62	3.11	42.688	0.95
140.1	6.31	1.9	42.704	0.58
140.15	6.16	2.03	42.719	0.62
140.2	6.08	2.17	42.734	0.66
140.25	6.54	1.47	42.749	0.45
140.3	6.77	2.47	42.765	0.75
140.35	6.38	1.71	42.78	0.52
140.4	6.19	1.96	42.795	0.6
140.45	6.1	1.91	42.81	0.58
140.5	6.55	3.46	42.826	1.05
140.55	6.77	3.04	42.841	0.93
140.6	6.89	2.72	42.856	0.83
140.65	6.94	3.32	42.871	1.01
140.7	6.97	2.74	42.887	0.83
140.75	6.49	2.47	42.902	0.75
140.8	6.74	2.12	42.917	0.65
140.85	6.87	2.91	42.932	0.89
140.9	6.94	4.75	42.948	1.45
140.95	6.47	2.53	42.963	0.77
141	6.73	2.38	42.978	0.72
141.05	6.87	2.48	42.993	0.76
141.1	6.93	5.38	43.008	1.64
141.15	6.47	3.07	43.024	0.94
141.2	6.73	3.28	43.039	1
141.25	6.87	3.11	43.054	0.95
141.3	6.43	2.48	43.069	0.76
141.35	6.72	2.35	43.085	0.72
141.4	6.36	2.71	43.1	0.83
141.45	7.18	1.86	43.115	0.57
141.5	7.59	2.9	43.13	0.88
141.55	7.29	2.62	43.146	0.8
141.6	7.15	1.99	43.161	0.61
141.65	7.07	2.21	43.176	0.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	7.04	2.55	43.191	0.78
141.75	7.02	1.94	43.207	0.59
141.8	7.01	1.88	43.222	0.57
141.85	7	1.86	43.237	0.57
141.9	7	2.17	43.252	0.66
141.95	7	2.59	43.268	0.79
142	7	1.86	43.283	0.57
142.05	6.5	1.94	43.298	0.59
142.1	6.75	2.06	43.313	0.63
142.15	6.88	2.29	43.329	0.7
142.2	6.44	1.98	43.344	0.6
142.25	6.72	2.62	43.359	0.8
142.3	6.86	2.55	43.374	0.78
142.35	6.93	2.47	43.39	0.75
142.4	6.96	2.86	43.405	0.87
142.45	6.48	1.77	43.42	0.54
142.5	6.74	3.84	43.435	1.17
142.55	6.87	3.69	43.45	1.12
142.6	6.94	4.14	43.466	1.26
142.65	6.97	2.4	43.481	0.73
142.7	6.98	4.33	43.496	1.32
142.75	6.99	4.42	43.511	1.35
142.8	7	5	43.527	1.52
142.85	7	1.68	43.542	0.51
142.9	6.5	1.67	43.557	0.51
142.95	6.75	1.18	43.572	0.36
143	6.37	3.77	43.588	1.15
143.05	6.19	1.76	43.603	0.54
143.1	6.09	2.23	43.618	0.68
143.15	6.05	2.17	43.633	0.66
143.2	6.52	4.45	43.649	1.36
143.25	6.26	1.7	43.664	0.52
143.3	6.13	2.95	43.679	0.9
143.35	6.57	2.04	43.694	0.62
143.4	6.28	3.09	43.71	0.94
143.45	6.64	3.13	43.725	0.95
143.5	6.32	1.98	43.74	0.6
143.55	6.16	2.68	43.755	0.82
143.6	6.08	3.18	43.771	0.97
143.65	6.04	3.45	43.786	1.05
143.7	6.02	4.31	43.801	1.31
143.75	6.01	3.12	43.816	0.95
143.8	6.01	2.29	43.832	0.7
143.85	6	3.86	43.847	1.18
143.9	6	1.9	43.862	0.58
143.95	6.5	2.8	43.877	0.85
144	6.75	2.19	43.892	0.67
144.05	6.88	3.49	43.908	1.06
144.1	6.94	1.29	43.923	0.39
144.15	6.97	1.07	43.938	0.33
144.2	7.48	0.75	43.953	0.23
144.25	7.24	1.21	43.969	0.37
144.3	7.12	1.01	43.984	0.31
144.35	7.56	0.91	43.999	0.28
144.4	7.78	0.75	44.014	0.23
144.45	7.39	1.36	44.03	0.41
144.5	7.2	0.88	44.045	0.27
144.55	7.1	1	44.06	0.3
144.6	7.05	0.84	44.075	0.26
144.65	7.02	1.77	44.091	0.54
144.7	7.01	1.01	44.106	0.31
144.75	7.01	2.92	44.121	0.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.8	7	1.17	44.136	0.36
144.85	7	3.61	44.152	1.1
144.9	7	1.56	44.167	0.48
144.95	7	1.9	44.182	0.58
145	7	1.83	44.197	0.56
145.05	7	2.97	44.213	0.9
145.1	7	1.94	44.228	0.59
145.15	7	1.5	44.243	0.46
145.2	7	1.77	44.258	0.54
145.25	7	3.68	44.273	1.12
145.3	7	1.78	44.289	0.54
145.35	7	2.26	44.304	0.69
145.4	7	0.96	44.319	0.29
145.45	7	1.43	44.334	0.44
145.5	7	1.26	44.35	0.38
145.55	7	1.33	44.365	0.41
145.6	7	1.77	44.38	0.54
145.65	7	1.73	44.395	0.53
145.7	7	2.1	44.411	0.64
145.75	7	1.39	44.426	0.42
145.8	7	2.09	44.441	0.64
145.85	7	1.47	44.456	0.45
145.9	7	1.86	44.472	0.57
145.95	7.5	1.75	44.487	0.53
146	7.25	1.43	44.502	0.44
146.05	7.12	1.81	44.517	0.55
146.1	7.06	2.51	44.533	0.76
146.15	7.03	2.4	44.548	0.73
146.2	7.02	1.86	44.563	0.57
146.25	7.01	1.75	44.578	0.53
146.3	7	1.38	44.594	0.42
146.35	7	1.74	44.609	0.53
146.4	7	1.95	44.624	0.6
146.45	7	1.77	44.639	0.54
146.5	7	2.08	44.655	0.63
146.55	7	1.88	44.67	0.57
146.6	7	1.18	44.685	0.36
146.65	7	1.4	44.7	0.43
146.7	7	1.28	44.715	0.39
146.75	7	1.3	44.731	0.4
146.8	7	1.66	44.746	0.51
146.85	7	1.64	44.761	0.5
146.9	7	1.26	44.776	0.39
146.95	7	1.63	44.792	0.5
147	7	2.19	44.807	0.67
147.05	7	1.57	44.822	0.48
147.1	6.5	1.8	44.837	0.55
147.15	6.25	1.2	44.853	0.37
147.2	6.62	1.32	44.868	0.4
147.25	6.31	1.97	44.883	0.6
147.3	6.16	1.91	44.898	0.58
147.35	6.58	1.52	44.914	0.46
147.4	6.29	1.63	44.929	0.5
147.45	6.14	4.75	44.944	1.45
147.5	6.07	2.73	44.959	0.83
147.55	6.04	4.13	44.975	1.26
147.6	6.02	3.25	44.99	0.99
147.65	6.01	1.78	45.005	0.54
147.7	6	2.29	45.02	0.7
147.75	6	3.03	45.036	0.92
147.8	6	2.88	45.051	0.88
147.85	6	4.06	45.066	1.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.9	6	3.34	45.081	1.02
147.95	6	2.93	45.097	0.89
148	6.5	2.46	45.112	0.75
148.05	6.25	1.33	45.127	0.41
148.1	6.13	1.89	45.142	0.58
148.15	6.06	0.47	45.157	0.14
148.2	6.03	1.55	45.173	0.47
148.25	6.02	1.36	45.188	0.41
148.3	6.01	1.77	45.203	0.54
148.35	6	1.58	45.218	0.48
148.4	6.5	4.27	45.234	1.3
148.45	6.25	1.8	45.249	0.55
148.5	6.13	1.85	45.264	0.56
148.55	6.06	1.33	45.279	0.41
148.6	6.03	2.49	45.295	0.76
148.65	6.02	1.83	45.31	0.56
148.7	6.01	2.8	45.325	0.85
148.75	6	1.98	45.34	0.6
148.8	6	2.99	45.356	0.91
148.85	6	2.28	45.371	0.7
148.9	6	2.56	45.386	0.78
148.95	6	2.12	45.401	0.65
149	6	4.31	45.417	1.31
149.05	6	2.63	45.432	0.8
149.1	6	2.82	45.447	0.86
149.15	6	2.78	45.462	0.85
149.2	6	2.46	45.478	0.75
149.25	6	0.9	45.493	0.28
149.3	6	0.95	45.508	0.29
149.35	6	1.9	45.523	0.58
149.4	6.5	0.48	45.538	0.15
149.45	6.25	1.17	45.554	0.36
149.5	6.12	1.13	45.569	0.34
149.55	6.06	1.17	45.584	0.36
149.6	6.03	1.12	45.599	0.34
149.65	6.02	2.1	45.615	0.64
149.7	6.01	1.13	45.63	0.35
149.75	6	1.75	45.645	0.53
149.8	5.5	1.17	45.66	0.36
149.85	5.25	1.83	45.676	0.56
149.9	5.63	1.5	45.691	0.46
149.95	5.81	1.65	45.706	0.5
150	5.91	1.82	45.721	0.55
150.05	6.45	2.02	45.737	0.62
150.1	6.23	1.18	45.752	0.36
150.15	6.61	1.27	45.767	0.39
150.2	6.31	1.24	45.782	0.38
150.25	6.65	3.71	45.798	1.13
150.3	6.33	0.96	45.813	0.29
150.35	6.16	0.87	45.828	0.27
150.4	6.08	1.14	45.843	0.35
150.45	6.04	1.86	45.859	0.57
150.5	6.02	1.26	45.874	0.38
150.55	6.51	0.63	45.889	0.19
150.6	6.26	0.84	45.904	0.26
150.65	6.13	0.43	45.92	0.13
150.7	6.06	0.75	45.935	0.23
150.75	6.03	0.66	45.95	0.2
150.8	6.02	1.12	45.965	0.34
150.85	6.01	1.18	45.98	0.36
150.9	6.5	0.86	45.996	0.26
150.95	6.75	1.49	46.011	0.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	6.88	0.73	46.026	0.22
151.05	6.94	1.09	46.041	0.33
151.1	6.47	1.3	46.057	0.4
151.15	6.73	1.33	46.072	0.41
151.2	6.37	1.35	46.087	0.41
151.25	6.18	1.24	46.102	0.38
151.3	6.09	1.08	46.118	0.33
151.35	6.05	1.13	46.133	0.35
151.4	6.52	1.23	46.148	0.37
151.45	7.76	1.03	46.163	0.31
151.5	10.38	1.48	46.179	0.45
151.55	14.69	0.9	46.194	0.28
151.6	16.85	0.99	46.209	0.3
151.65	16.92	0.66	46.224	0.2
151.7	17.96	0.9	46.24	0.27
151.75	18.98	0.9	46.255	0.27
151.8	18.49	0.84	46.27	0.26
151.85	17.75	0.67	46.285	0.2
151.9	16.87	0.63	46.301	0.19
151.95	16.44	0.54	46.316	0.16
152	15.72	0.58	46.331	0.18
152.05	15.36	0.89	46.346	0.27
152.1	15.18	0.75	46.362	0.23
152.15	15.59	0.74	46.377	0.22
152.2	15.79	0.79	46.392	0.24
152.25	16.4	1.26	46.407	0.38
152.3	16.2	1.21	46.422	0.37
152.35	17.1	0.85	46.438	0.26
152.4	18.05	0.69	46.453	0.21
152.45	18.52	3.11	46.468	0.95
152.5	19.76	0.7	46.483	0.21
152.55	19.88	2.55	46.499	0.78
152.6	20.44	1.27	46.514	0.39
152.65	20.72	1	46.529	0.31
152.7	18.36	3.29	46.544	1
152.75	15.18	2.58	46.56	0.79
152.8	12.59	3.81	46.575	1.16
152.85	10.8	2.76	46.59	0.84
152.9	13.4	3.64	46.605	1.11
152.95	18.2	2.32	46.621	0.71
153	20.6	2	46.636	0.61
153.05	21.3	2.23	46.651	0.68
153.1	20.65	2.26	46.666	0.69
153.15	19.82	1.15	46.682	0.35
153.2	17.91	1.28	46.697	0.39
153.25	15.96	0.77	46.712	0.23
153.3	13.98	0.39	46.727	0.12
153.35	12.49	0.42	46.743	0.13
153.4	11.24	0.73	46.758	0.22
153.45	10.12	0.45	46.773	0.14
153.5	9.06	0.53	46.788	0.16
153.55	8.53	0.58	46.803	0.18
153.6	8.27	1.24	46.819	0.38
153.65	7.63	0.48	46.834	0.15
153.7	7.32	0.77	46.849	0.23
153.75	7.16	0.46	46.864	0.14
153.8	7.08	2.14	46.88	0.65
153.85	7.04	0.56	46.895	0.17
153.9	7.02	1.21	46.91	0.37
153.95	7.01	1.41	46.925	0.43
154	7	1.72	46.941	0.52
154.05	7	0.87	46.956	0.26

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	7	2.48	46.971	0.75
154.15	7	1.36	46.986	0.41
154.2	7	1.84	47.002	0.56
154.25	7	1.15	47.017	0.35
154.3	7	0.48	47.032	0.15
154.35	6.5	0.61	47.047	0.19
154.4	6.75	1.03	47.063	0.31
154.45	6.88	0.75	47.078	0.23
154.5	6.94	0.73	47.093	0.22
154.55	6.97	0.38	47.108	0.11
154.6	6.98	0.36	47.124	0.11
154.65	6.99	0.42	47.139	0.13
154.7	7.5	0.45	47.154	0.14
154.75	7.25	0.51	47.169	0.16
154.8	7.12	0.6	47.185	0.18
154.85	7.06	0.43	47.2	0.13
154.9	7.03	0.71	47.215	0.22
154.95	7.02	0.76	47.23	0.23
155	7.01	0.44	47.245	0.13
155.05	7	1.84	47.261	0.56
155.1	6.5	0.73	47.276	0.22
155.15	6.25	0.49	47.291	0.15
155.2	6.13	0.75	47.306	0.23
155.25	6.06	1.63	47.322	0.5
155.3	6.03	0.86	47.337	0.26
155.35	6.02	1.07	47.352	0.33
155.4	6.01	0.47	47.367	0.14
155.45	6	2.04	47.383	0.62
155.5	6	0.99	47.398	0.3
155.55	6.5	2.04	47.413	0.62
155.6	6.75	1.11	47.428	0.34
155.65	6.38	1.22	47.444	0.37
155.7	6.19	0.81	47.459	0.25
155.75	6.09	0.62	47.474	0.19
155.8	6.55	0.81	47.489	0.25
155.85	6.77	0.54	47.505	0.16
155.9	6.89	0.51	47.52	0.16
155.95	6.44	0.59	47.535	0.18
156	6.22	0.57	47.55	0.17
156.05	6.11	0.96	47.566	0.29
156.1	6.06	0.98	47.581	0.3
156.15	6.03	0.63	47.596	0.19
156.2	6.01	0.62	47.611	0.19
156.25	6.01	0.59	47.627	0.18
156.3	6.5	0.96	47.642	0.29
156.35	6.75	0.64	47.657	0.19
156.4	6.38	0.77	47.672	0.23
156.45	6.19	1.06	47.687	0.32
156.5	6.09	1.03	47.703	0.31
156.55	6.05	0.69	47.718	0.21
156.6	6.02	1.19	47.733	0.36
156.65	6.01	0.85	47.748	0.26
156.7	6.01	1.82	47.764	0.56
156.75	6	1.49	47.779	0.46
156.8	6	0.76	47.794	0.23
156.85	6	0.79	47.809	0.24
156.9	6	1.62	47.825	0.49
156.95	6	1.21	47.84	0.37
157	6	0.59	47.855	0.18
157.05	6	0.89	47.87	0.27
157.1	6	0.51	47.886	0.16
157.15	6	0.59	47.901	0.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
157.2	6	0.61	47.916	0.19
157.25	6	1.24	47.931	0.38
157.3	6	0.58	47.947	0.18
157.35	6	0.43	47.962	0.13
157.4	6	0.86	47.977	0.26
157.46	5.5	2.15	47.992	0.66
157.51	5.25	0.49	48.008	0.15
157.56	5.12	3.23	48.023	0.98
157.61	5.06	1.96	48.038	0.6
157.66	5.03	1.01	48.053	0.31
157.71	5.02	2.44	48.068	0.74
157.76	5.01	2.15	48.084	0.66
157.81	5	2.13	48.099	0.65
157.86	5	2.49	48.114	0.76
157.91	5	1.62	48.129	0.5
157.96	5	3.17	48.145	0.96
158.01	5	3.24	48.16	0.99
158.06	4.5	0.98	48.175	0.3
158.11	4.25	0.81	48.19	0.25
158.16	4.63	0.62	48.206	0.19
158.21	4.31	1.96	48.221	0.6
158.26	4.16	0.68	48.236	0.21
158.31	4.08	1.35	48.251	0.41
158.36	4.54	0.79	48.267	0.24
158.41	4.27	2.39	48.282	0.73
158.46	4.63	1.6	48.297	0.49
158.51	4.82	1.14	48.312	0.35
158.56	5.41	2.15	48.328	0.65
158.61	5.7	2.91	48.343	0.89
158.66	5.85	2.26	48.358	0.69
158.71	5.93	4.68	48.373	1.43
158.76	5.46	3.94	48.389	1.2
158.81	5.73	1.18	48.404	0.36
158.86	5.37	2.12	48.419	0.65
158.91	5.18	1.89	48.434	0.57
158.96	5.59	1.39	48.45	0.43
159.01	5.3	0.98	48.465	0.3
159.06	5.15	1.83	48.48	0.56
159.11	6.07	0.9	48.495	0.27
159.16	6.04	0.38	48.51	0.11
159.21	5.52	1.12	48.526	0.34
159.26	5.76	1.96	48.541	0.6
159.31	5.38	1.46	48.556	0.44
159.36	5.69	1.72	48.571	0.52
159.41	5.34	1.37	48.587	0.42
159.46	5.17	2.2	48.602	0.67
159.51	5.09	2.33	48.617	0.71
159.56	5.04	2.34	48.632	0.71
159.61	5.02	1.73	48.648	0.53
159.66	5.01	2.56	48.663	0.78
159.71	5.01	2.16	48.678	0.66
159.76	5	2.24	48.693	0.68
159.81	5	1.47	48.709	0.45
159.86	5	3.2	48.724	0.98
159.91	5	1.69	48.739	0.52
159.96	5	2	48.754	0.61
160.01	5	1.07	48.77	0.32
160.06	5	2.11	48.785	0.64
160.11	5	1.24	48.8	0.38
160.16	5	1.94	48.815	0.59
160.21	5	1.56	48.831	0.48
160.26	4.5	1.16	48.846	0.35

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
160.31	4.75	1.39	48.861	0.42
160.36	4.88	0.53	48.876	0.16
160.41	4.94	0.6	48.891	0.18
160.46	4.97	0.75	48.907	0.23
160.51	4.98	0.71	48.922	0.22
160.56	4.99	0.71	48.937	0.22
160.61	5	0.63	48.952	0.19
160.66	5	0.61	48.968	0.19
160.71	5	0.55	48.983	0.17
160.76	5	0.5	48.998	0.15
160.81	5	0.55	49.013	0.17
160.86	5	0.62	49.029	0.19
160.91	5	0.78	49.044	0.24
160.96	5	0.63	49.059	0.19
161.01	5	0.97	49.074	0.3
161.06	5	1.05	49.09	0.32
161.11	5	1.16	49.105	0.35
161.16	5	0.65	49.12	0.2
161.21	5	0.81	49.135	0.25
161.26	5	0.92	49.151	0.28
161.31	5	1.77	49.166	0.54
161.36	5	0.85	49.181	0.26
161.41	5	1.11	49.196	0.34
161.46	5	0.98	49.212	0.3
161.51	5	0.97	49.227	0.29
161.56	5	0.94	49.242	0.29
161.61	5	0.81	49.257	0.25
161.66	5	0.78	49.273	0.24
161.71	5	1.19	49.288	0.36
161.76	5	0.94	49.303	0.29
161.81	5	1.43	49.318	0.44
161.86	5	1.08	49.333	0.33
161.91	5	1.3	49.349	0.4
161.96	5	1.39	49.364	0.42
162.01	5	1.05	49.379	0.32
162.06	5	1.17	49.394	0.36
162.11	5	1.24	49.41	0.38
162.16	5	1.48	49.425	0.45
162.21	5	1.01	49.44	0.31
162.26	5	1.17	49.455	0.36
162.31	5	1.43	49.471	0.44
162.36	5	1.13	49.486	0.34
162.41	5	1	49.501	0.31
162.46	5	1.2	49.516	0.37
162.51	5	1.21	49.532	0.37
162.56	5	3.17	49.547	0.97
162.61	5	2.93	49.562	0.89
162.66	4.5	2.32	49.577	0.71
162.71	4.75	3.53	49.593	1.08
162.76	4.38	2.14	49.608	0.65
162.81	4.69	2.47	49.623	0.75
162.86	4.84	2.62	49.638	0.8
162.91	4.92	1.69	49.654	0.51
162.96	4.96	0.93	49.669	0.28
163.01	4.98	0.73	49.684	0.22
163.06	4.99	0.38	49.699	0.12
163.11	5	0.6	49.715	0.18
163.16	5	0.9	49.73	0.28
163.21	5	2.28	49.745	0.69
163.26	5	1.35	49.76	0.41
163.31	4.5	1.07	49.775	0.33
163.36	4.75	0.66	49.791	0.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
163.41	4.87	1.84	49.806	0.56
163.46	4.94	1.01	49.821	0.31
163.51	4.97	0.53	49.836	0.16
163.56	4.98	0.88	49.852	0.27
163.61	4.99	1.49	49.867	0.45
163.66	5	1.2	49.882	0.36
163.71	5	4.36	49.897	1.33
163.76	4.5	1.5	49.913	0.46
163.81	4.75	4.15	49.928	1.26
163.86	4.87	2.71	49.943	0.83
163.91	4.94	2.23	49.958	0.68
163.96	4.97	1.77	49.974	0.54
164.01	4.98	2.84	49.989	0.87
164.06	4.99	1.87	50.004	0.57
164.11	5	1.71	50.019	0.52
164.16	4.5	1.15	50.035	0.35
164.21	4.75	0.88	50.05	0.27
164.26	4.87	0.92	50.065	0.28
164.31	4.94	0.78	50.08	0.24
164.36	4.97	0.91	50.096	0.28
164.41	4.98	1.14	50.111	0.35
164.46	4.99	2.03	50.126	0.62
164.51	5	1.09	50.141	0.33
164.56	5	1.5	50.156	0.46
164.61	5	1.34	50.172	0.41
164.66	5	2.26	50.187	0.69
164.71	5	1.21	50.202	0.37
164.76	5	2.8	50.217	0.85
164.81	5	1.33	50.233	0.41
164.86	5	2.71	50.248	0.83
164.91	5	1.37	50.263	0.42
164.96	5	2.62	50.278	0.8
165.01	5	1.63	50.294	0.5
165.06	5	2.68	50.309	0.82
165.11	5	1.31	50.324	0.4
165.16	5	1.12	50.339	0.34
165.21	5	1.27	50.355	0.39
165.26	5	1.8	50.37	0.55
165.31	5	1.34	50.385	0.41
165.36	5	1.44	50.4	0.44
165.41	5	2.25	50.416	0.69
165.46	5	1.64	50.431	0.5
165.51	5	0.79	50.446	0.24
165.56	5	0.69	50.461	0.21
165.61	5	0.83	50.477	0.25
165.66	5	0.98	50.492	0.3
165.71	5	1.14	50.507	0.35
165.76	5	1.04	50.522	0.32
165.81	5	1.65	50.538	0.5
165.86	5	0.99	50.553	0.3
165.91	5.5	1.03	50.568	0.31
165.96	5.25	0.93	50.583	0.28
166.01	5.12	1.12	50.598	0.34
166.06	5.06	1.38	50.614	0.42
166.11	5.03	1.85	50.629	0.56
166.16	5.02	1.11	50.644	0.34
166.21	5.01	1.47	50.659	0.45
166.26	5	1.02	50.675	0.31
166.31	4.5	1.51	50.69	0.46
166.36	4.75	1.41	50.705	0.43
166.41	4.88	1.22	50.72	0.37
166.46	4.94	1.07	50.736	0.33

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
166.51	4.97	1.05	50.751	0.32
166.56	4.98	1.31	50.766	0.4
166.61	4.49	1.48	50.781	0.45
166.66	4.75	1.25	50.797	0.38
166.71	4.87	0.87	50.812	0.27
166.76	4.94	1.05	50.827	0.32
166.81	4.97	1.42	50.842	0.43
166.86	4.98	1.1	50.858	0.33
166.91	4.99	0.91	50.873	0.28
166.96	5	1.11	50.888	0.34
167.01	5	1.07	50.903	0.33
167.06	5	1.74	50.919	0.53
167.11	5	1.44	50.934	0.44
167.16	5	1.38	50.949	0.42
167.21	5	2.14	50.964	0.65
167.26	5	1.79	50.98	0.55
167.31	5	1.63	50.995	0.5
167.36	5	1.56	51.01	0.48
167.41	5	1.48	51.025	0.45
167.46	5	1.25	51.04	0.38

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SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Sat Jun 07 2008 04:36

LOG END DEPTH: 171.606 FEET

LOG END TIME: Sat Jun 07 2008 09:00

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	1.5	4.07	0	1.24
0.05	1.75	4.92	0.015	1.5
0.1	1.38	6.06	0.03	1.85
0.15	1.69	5.61	0.046	1.71
0.2	4.84	8.81	0.061	2.69
0.25	2.42	7.54	0.076	2.3
0.3	1.21	8.4	0.091	2.56
0.35	1.61	10.79	0.107	3.29
0.4	2.8	12.01	0.122	3.66
0.45	3.9	11.8	0.137	3.6
0.5	4.45	13.12	0.152	4
0.55	8.23	11.89	0.168	3.62
0.6	10.61	10.94	0.183	3.33
0.65	33.31	12.9	0.198	3.93
0.7	28.15	12.29	0.213	3.74
0.75	22.08	13.49	0.229	4.11
0.8	14.54	12.43	0.244	3.79
0.85	11.27	12.42	0.259	3.78
0.9	21.13	12.27	0.274	3.74
0.95	37.07	11.38	0.29	3.47
1	23.03	13.38	0.305	4.08
1.05	17.02	12.31	0.32	3.75
1.1	13.51	14.25	0.335	4.34
1.15	11.25	12.35	0.351	3.76
1.2	9.63	10.83	0.366	3.3
1.25	10.31	8.04	0.381	2.45
1.3	8.66	7.25	0.396	2.21
1.35	12.33	7.32	0.411	2.23
1.4	30.16	10.57	0.427	3.22
1.45	17.08	11.04	0.442	3.37
1.5	12.54	12.88	0.457	3.92
1.55	24.77	11.83	0.472	3.61
1.6	26.89	11.98	0.488	3.65
1.65	28.44	13.75	0.503	4.19
1.7	29.72	12.56	0.518	3.83
1.75	29.36	15.03	0.533	4.58
1.8	36.18	11.93	0.549	3.64
1.85	39.59	13.71	0.564	4.18
1.9	36.8	11.65	0.579	3.55
1.95	34.9	14.26	0.594	4.35
2	32.45	13.5	0.61	4.12
2.05	31.72	15.01	0.625	4.58
2.1	30.36	12.54	0.64	3.82
2.15	27.18	5.76	0.655	1.76

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	25.59	5.22	0.671	1.59
2.25	26.8	3.95	0.686	1.2
2.3	38.9	5.36	0.701	1.63
2.35	44.95	7.44	0.716	2.27
2.4	38.47	7.34	0.732	2.24
2.45	34.74	5.73	0.747	1.75
2.5	32.87	10.59	0.762	3.23
2.55	31.93	7.27	0.777	2.22
2.6	32.97	10.03	0.792	3.06
2.65	34.48	9.03	0.808	2.75
2.7	35.74	9.26	0.823	2.82
2.75	36.37	10.11	0.838	3.08
2.8	36.69	10.89	0.853	3.32
2.85	37.84	12.52	0.869	3.82
2.9	38.92	15.37	0.884	4.68
2.95	38.96	12.11	0.899	3.69
3	38.98	16.78	0.914	5.11
3.05	38.99	16.93	0.93	5.16
3.1	40	17.12	0.945	5.22
3.15	39.5	15.54	0.96	4.74
3.2	39.25	16.7	0.975	5.09
3.25	39.12	15.8	0.991	4.82
3.3	39.06	15.71	1.006	4.79
3.35	39.03	15.62	1.021	4.76
3.4	38.52	15.62	1.036	4.76
3.45	38.26	16.41	1.052	5
3.5	38.13	17.8	1.067	5.42
3.55	37.56	14.76	1.082	4.5
3.6	37.78	17.99	1.097	5.48
3.65	37.89	15.79	1.113	4.81
3.7	37.95	13.66	1.128	4.16
3.75	37.97	14.38	1.143	4.38
3.8	37.99	16.67	1.158	5.08
3.85	37.99	14.93	1.173	4.55
3.9	38	13.34	1.189	4.07
3.95	38	15.9	1.204	4.85
4	38.5	14.38	1.219	4.38
4.05	38.75	15.76	1.234	4.8
4.1	39.37	16.34	1.25	4.98
4.15	38.69	16.38	1.265	4.99
4.2	38.34	16.95	1.28	5.17
4.25	38.17	15.93	1.295	4.86
4.3	37.09	16.94	1.311	5.16
4.35	36.54	15.72	1.326	4.79
4.4	36.77	16.79	1.341	5.12
4.45	36.39	14.58	1.356	4.44
4.5	36.19	16.09	1.372	4.9
4.55	36.1	17.82	1.387	5.43
4.6	36.05	17.39	1.402	5.3
4.65	35.52	14.35	1.417	4.37
4.7	35.26	16.83	1.433	5.13
4.75	35.13	15.21	1.448	4.64
4.8	35.57	15.45	1.463	4.71
4.85	35.78	17.32	1.478	5.28
4.9	34.89	16.91	1.494	5.15
4.95	34.45	17.04	1.509	5.19
5	34.22	15.51	1.524	4.73
5.05	34.11	14.2	1.539	4.33
5.1	34.06	14.68	1.554	4.47
5.15	34.03	13.93	1.57	4.25
5.2	33.51	15.79	1.585	4.81
5.25	33.26	14.98	1.6	4.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	32.63	16.14	1.615	4.92
5.35	31.81	16.05	1.631	4.89
5.4	31.91	16.52	1.646	5.04
5.45	31.95	14.93	1.661	4.55
5.5	31.98	17.73	1.676	5.41
5.55	31.99	15.32	1.692	4.67
5.6	31.49	17.28	1.707	5.27
5.65	31.75	16.17	1.722	4.93
5.7	31.37	16.68	1.737	5.09
5.75	30.69	15.23	1.753	4.64
5.8	30.84	16.86	1.768	5.14
5.85	31.42	15.37	1.783	4.68
5.9	31.71	16.99	1.798	5.18
5.95	31.36	14.89	1.814	4.54
6	31.68	17.64	1.829	5.38
6.05	31.34	15.36	1.844	4.68
6.1	30.67	15.43	1.859	4.7
6.15	31.33	16.98	1.875	5.17
6.2	32.17	15.29	1.89	4.66
6.25	32.58	14.06	1.905	4.29
6.3	32.29	15.92	1.92	4.85
6.35	31.15	15.48	1.935	4.72
6.4	30.57	13.2	1.951	4.02
6.45	30.29	16.07	1.966	4.9
6.5	30.14	16.27	1.981	4.96
6.55	31.07	16.3	1.996	4.97
6.6	31.54	15.17	2.012	4.62
6.65	32.77	15.53	2.027	4.73
6.7	32.88	15.17	2.042	4.62
6.75	32.44	14.48	2.057	4.41
6.8	32.22	14.97	2.073	4.56
6.85	31.11	15.95	2.088	4.86
6.9	30.06	17.48	2.103	5.33
6.95	29.03	16.46	2.118	5.02
7	28.01	17.35	2.134	5.29
7.05	28.01	14.51	2.149	4.42
7.1	29	16.14	2.164	4.92
7.15	29	7.41	2.179	2.26
7.2	29	6.08	2.195	1.85
7.25	28	9.17	2.21	2.79
7.3	27.5	13.15	2.225	4.01
7.35	27.25	12.25	2.24	3.73
7.4	27.13	12.92	2.256	3.94
7.45	27.06	12.43	2.271	3.79
7.5	27.03	15.24	2.286	4.64
7.55	27.02	13.57	2.301	4.14
7.6	26.51	14.22	2.316	4.34
7.65	26.25	14.33	2.332	4.37
7.7	25.63	18.22	2.347	5.55
7.75	25.31	17.04	2.362	5.19
7.8	25.16	16.53	2.377	5.04
7.85	25.08	16.6	2.393	5.06
7.9	25.04	16.53	2.408	5.04
7.95	25.02	17.12	2.423	5.22
8	25.01	17.82	2.438	5.43
8.05	25	17.03	2.454	5.19
8.1	25.5	17.29	2.469	5.27
8.15	25.25	16.93	2.484	5.16
8.2	25.13	17.44	2.499	5.31
8.25	25.06	18	2.515	5.49
8.3	25.03	17.78	2.53	5.42
8.35	25.02	15.11	2.545	4.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	25.01	16.75	2.56	5.11
8.45	25	16.83	2.576	5.13
8.5	25.5	18.69	2.591	5.7
8.55	25.75	15.39	2.606	4.69
8.6	25.88	14.42	2.621	4.39
8.65	25.94	15.76	2.637	4.8
8.7	25.97	13.53	2.652	4.13
8.75	25.48	14.94	2.667	4.56
8.8	25.24	14.86	2.682	4.53
8.85	25.12	15.96	2.697	4.87
8.9	25.06	13.23	2.713	4.03
8.95	25.03	16.25	2.728	4.95
9	25.02	17.09	2.743	5.21
9.05	25.01	17.19	2.758	5.24
9.1	25	16.13	2.774	4.92
9.15	25	16.75	2.789	5.1
9.2	25	16.25	2.804	4.95
9.25	25	17.86	2.819	5.44
9.3	25	17.1	2.835	5.21
9.35	25	20.33	2.85	6.2
9.4	25	17.8	2.865	5.42
9.45	24.5	19.31	2.88	5.89
9.5	24.25	15.67	2.896	4.78
9.55	24.13	17.01	2.911	5.18
9.6	24.56	14.94	2.926	4.55
9.65	24.28	18.34	2.941	5.59
9.7	24.14	15.29	2.957	4.66
9.75	24.07	14.77	2.972	4.5
9.8	24.04	14.47	2.987	4.41
9.85	24.02	13.87	3.002	4.23
9.9	23.51	13.32	3.018	4.06
9.95	23.75	14.67	3.033	4.47
10	23.88	14.8	3.048	4.51
10.05	23.94	14.09	3.063	4.29
10.1	23.97	15.27	3.078	4.65
10.15	23.98	14.66	3.094	4.47
10.2	23.99	15.13	3.109	4.61
10.25	24	15.94	3.124	4.86
10.3	24	15.87	3.139	4.84
10.35	23.5	14.34	3.155	4.37
10.4	23.25	16.74	3.17	5.1
10.45	23.62	15.86	3.185	4.83
10.5	23.31	14.87	3.2	4.53
10.55	23.16	16.37	3.216	4.99
10.6	23.58	16.69	3.231	5.09
10.65	23.29	15.37	3.246	4.68
10.7	23.14	14.88	3.261	4.53
10.75	23.07	12.17	3.277	3.71
10.8	23.04	13.95	3.292	4.25
10.85	23.02	14.62	3.307	4.46
10.9	23.01	14.57	3.322	4.44
10.95	23	12.77	3.338	3.89
11	23	14.9	3.353	4.54
11.05	22.5	13.27	3.368	4.04
11.1	22.75	12.11	3.383	3.69
11.15	22.38	12.74	3.399	3.88
11.2	22.69	11.1	3.414	3.38
11.25	22.34	12.18	3.429	3.71
11.3	22.17	11.58	3.444	3.53
11.35	22.59	9.38	3.459	2.86
11.4	22.79	10.35	3.475	3.15
11.45	22.9	9.28	3.49	2.83

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	22.45	9.86	3.505	3
11.55	22.72	10.16	3.52	3.1
11.6	22.86	8.92	3.536	2.72
11.65	22.93	9.57	3.551	2.92
11.7	22.97	7.8	3.566	2.38
11.75	22.98	7.1	3.581	2.16
11.8	22.99	7.18	3.597	2.19
11.85	23	7.4	3.612	2.26
11.9	22.5	6.79	3.627	2.07
11.95	22.75	5.92	3.642	1.8
12	22.87	5.33	3.658	1.63
12.05	22.44	6.42	3.673	1.96
12.1	22.22	4.54	3.688	1.38
12.15	22.11	3.11	3.703	0.95
12.2	22.05	3.77	3.719	1.15
12.25	21.53	6.06	3.734	1.85
12.3	21.76	6.75	3.749	2.06
12.35	21.88	8.86	3.764	2.7
12.4	21.44	5.23	3.78	1.59
12.45	21.22	5.25	3.795	1.6
12.5	21.11	4.97	3.81	1.51
12.55	21.56	4.63	3.825	1.41
12.6	21.78	5.31	3.84	1.62
12.65	21.89	5.64	3.856	1.72
12.7	21.94	8.15	3.871	2.48
12.75	21.97	7.32	3.886	2.23
12.8	21.99	5.8	3.901	1.77
12.85	21.99	7.01	3.917	2.14
12.9	22	6.85	3.932	2.09
12.95	22	7	3.947	2.13
13	21.5	6.45	3.962	1.97
13.05	20.75	7.9	3.978	2.41
13.1	20.37	5.08	3.993	1.55
13.15	20.19	4.58	4.008	1.4
13.2	20.59	4.93	4.023	1.5
13.25	20.8	5.22	4.039	1.59
13.3	20.9	8.73	4.054	2.66
13.35	20.45	7.97	4.069	2.43
13.4	20.72	9.34	4.084	2.85
13.45	20.86	11.3	4.1	3.44
13.5	20.93	9.59	4.115	2.92
13.55	20.47	9.15	4.13	2.79
13.6	20.73	10.65	4.145	3.25
13.65	20.87	8.3	4.161	2.53
13.7	20.93	8.12	4.176	2.48
13.75	20.97	9.94	4.191	3.03
13.8	20.48	8.98	4.206	2.74
13.85	20.74	8.8	4.221	2.68
13.9	20.87	6.87	4.237	2.09
13.95	20.94	7.91	4.252	2.41
14	20.97	8.77	4.267	2.67
14.05	20.98	8.82	4.282	2.69
14.1	20.99	8.94	4.298	2.72
14.15	21	9.98	4.313	3.04
14.2	21	8.37	4.328	2.55
14.25	21	7.92	4.343	2.42
14.3	21	9.11	4.359	2.78
14.35	21.5	7.1	4.374	2.16
14.4	21.25	10.62	4.389	3.24
14.45	21.62	6.61	4.404	2.01
14.5	21.81	7.63	4.42	2.33
14.55	21.91	9.31	4.435	2.84

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	21.95	7.62	4.45	2.32
14.65	21.98	8.08	4.465	2.46
14.7	21.99	7.68	4.481	2.34
14.75	21.49	7.58	4.496	2.31
14.8	21.25	8.22	4.511	2.51
14.85	21.12	8.38	4.526	2.55
14.9	21.06	6.26	4.542	1.91
14.95	21.03	7.37	4.557	2.25
15	21.52	9.95	4.572	3.03
15.05	21.26	6.92	4.587	2.11
15.1	21.63	7.12	4.602	2.17
15.15	21.31	7.19	4.618	2.19
15.2	21.16	9.82	4.633	2.99
15.25	21.08	8.43	4.648	2.57
15.3	21.04	6.91	4.663	2.11
15.35	20.52	8.01	4.679	2.44
15.4	20.76	8.24	4.694	2.51
15.45	20.38	6.02	4.709	1.83
15.5	20.19	9.04	4.724	2.75
15.55	20.59	6.27	4.74	1.91
15.6	20.8	6.1	4.755	1.86
15.65	20.9	7.84	4.77	2.39
15.7	20.95	6.22	4.785	1.89
15.75	20.97	6.13	4.801	1.87
15.8	20.99	6.37	4.816	1.94
15.85	20.49	7.28	4.831	2.22
15.9	20.25	8.46	4.846	2.58
15.95	20.12	7.42	4.862	2.26
16	20.06	6.37	4.877	1.94
16.05	20.53	7.3	4.892	2.22
16.1	20.77	6.96	4.907	2.12
16.15	20.38	7.42	4.923	2.26
16.2	20.19	5.67	4.938	1.73
16.25	20.1	7.75	4.953	2.36
16.3	20.05	5.92	4.968	1.8
16.35	20.02	6.89	4.983	2.1
16.4	20.01	7.67	4.999	2.34
16.45	20.01	7.04	5.014	2.15
16.5	20	6.22	5.029	1.89
16.55	20	6.03	5.044	1.84
16.6	20	6.4	5.06	1.95
16.65	20	6.97	5.075	2.12
16.7	20	7.68	5.09	2.34
16.75	20	7	5.105	2.13
16.8	20	6.64	5.121	2.03
16.85	20	7.07	5.136	2.16
16.9	20	7.65	5.151	2.33
16.95	20	8.37	5.166	2.55
17	20	5.72	5.182	1.74
17.05	20.5	7.38	5.197	2.25
17.1	20.75	4.95	5.212	1.51
17.15	20.38	3.7	5.227	1.13
17.2	20.19	6.88	5.243	2.1
17.25	20.09	6.24	5.258	1.9
17.3	20.05	7.84	5.273	2.39
17.35	20.02	8.39	5.288	2.56
17.4	20.01	6.28	5.304	1.91
17.45	20.01	4.94	5.319	1.51
17.5	20	7.48	5.334	2.28
17.55	20	6.09	5.349	1.85
17.6	20	6.59	5.364	2.01
17.65	20	5.24	5.38	1.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	20	6.44	5.395	1.96
17.75	20	6.42	5.41	1.96
17.8	20	7.65	5.425	2.33
17.85	20	5.43	5.441	1.66
17.9	20	4.83	5.456	1.47
17.95	20	5.53	5.471	1.69
18	20	7.31	5.486	2.23
18.05	20	5.44	5.502	1.66
18.1	20	6.75	5.517	2.06
18.15	19.5	8.28	5.532	2.52
18.2	19.25	5.95	5.547	1.81
18.25	19.12	5.67	5.563	1.73
18.3	19.06	6.17	5.578	1.88
18.35	19.03	6.22	5.593	1.9
18.4	19.02	5.74	5.608	1.75
18.45	19.01	6.33	5.624	1.93
18.5	19	5.56	5.639	1.69
18.55	19	7	5.654	2.13
18.6	19	6.63	5.669	2.02
18.65	19	8.71	5.685	2.66
18.7	19	7.84	5.7	2.39
18.75	19.5	8.07	5.715	2.46
18.8	19.75	7.59	5.73	2.31
18.85	19.88	5.7	5.745	1.74
18.9	19.44	5.99	5.761	1.83
18.95	19.22	9.6	5.776	2.93
19	19.11	7.95	5.791	2.42
19.05	19.05	6.41	5.806	1.96
19.1	19.03	5.95	5.822	1.81
19.15	19.01	7.15	5.837	2.18
19.2	18.51	6.83	5.852	2.08
19.25	18.75	6.8	5.867	2.07
19.3	18.88	8.82	5.883	2.69
19.35	18.94	6.24	5.898	1.9
19.4	18.97	7.51	5.913	2.29
19.45	18.98	6.47	5.928	1.97
19.5	18.99	6.36	5.944	1.94
19.55	19	7.88	5.959	2.4
19.6	19	7.32	5.974	2.23
19.65	19.5	7.46	5.989	2.27
19.7	19.75	7.31	6.005	2.23
19.75	19.87	7.11	6.02	2.17
19.8	19.94	6.8	6.035	2.07
19.85	19.97	6.07	6.05	1.85
19.9	19.98	6.01	6.066	1.83
19.95	19.99	8.99	6.081	2.74
20	20	6.68	6.096	2.04
20.05	20	7.63	6.111	2.32
20.1	20.5	5.92	6.126	1.81
20.15	20.75	6.46	6.142	1.97
20.2	20.87	7.15	6.157	2.18
20.25	20.44	5.75	6.172	1.75
20.3	20.72	7.95	6.187	2.42
20.35	20.86	5.7	6.203	1.74
20.4	20.43	6.32	6.218	1.92
20.45	20.21	6.14	6.233	1.87
20.5	20.11	7.44	6.248	2.27
20.55	20.05	7.1	6.264	2.16
20.6	20.03	7.79	6.279	2.37
20.65	20.01	6.51	6.294	1.98
20.7	20.01	6.34	6.309	1.93
20.75	20.5	6.95	6.325	2.12

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20.8	20.75	5.3	6.34	1.61
20.85	20.88	7.69	6.355	2.34
20.9	20.44	7.46	6.37	2.27
20.95	20.72	7.01	6.386	2.14
21	20.36	5.51	6.401	1.68
21.05	20.18	5.99	6.416	1.83
21.1	20.09	6.93	6.431	2.11
21.15	20.04	5.29	6.447	1.61
21.2	20.02	5.25	6.462	1.6
21.25	19.51	6.62	6.477	2.02
21.3	19.76	4.85	6.492	1.48
21.35	19.38	7.24	6.507	2.21
21.4	19.19	5.02	6.523	1.53
21.45	18.59	4.96	6.538	1.51
21.5	18.3	5.98	6.553	1.82
21.55	17.65	4.46	6.568	1.36
21.6	17.32	3.14	6.584	0.96
21.65	17.16	3.57	6.599	1.09
21.7	16.58	4.01	6.614	1.22
21.75	16.29	5.34	6.629	1.63
21.8	16.15	4.87	6.645	1.49
21.85	15.57	4.56	6.66	1.39
21.9	15.29	4.32	6.675	1.32
21.95	15.14	3.13	6.69	0.95
22	15.07	3.7	6.706	1.13
22.05	15.04	2.8	6.721	0.85
22.1	15.02	3.29	6.736	1
22.15	15.01	3.01	6.751	0.92
22.2	15	3.69	6.767	1.12
22.25	15	5.17	6.782	1.57
22.3	14	5.18	6.797	1.58
22.35	13	5.13	6.812	1.56
22.4	13	4.34	6.828	1.32
22.45	12.5	6.06	6.843	1.85
22.5	12.25	5.04	6.858	1.54
22.55	12.63	5.13	6.873	1.56
22.6	12.81	3.93	6.888	1.2
22.65	12.91	3.56	6.904	1.09
22.7	12.95	6.06	6.919	1.85
22.75	12.98	2.92	6.934	0.89
22.8	12.99	6.21	6.949	1.89
22.85	12.99	2.4	6.965	0.73
22.9	13.5	5.11	6.98	1.56
22.95	13.75	4.45	6.995	1.36
23	13.87	4.04	7.01	1.23
23.05	14.44	5.89	7.026	1.8
23.1	15.22	6.17	7.041	1.88
23.15	16.11	5.36	7.056	1.63
23.2	17.55	3.89	7.071	1.19
23.25	18.28	4.49	7.087	1.37
23.3	18.64	5.55	7.102	1.69
23.35	18.82	4.44	7.117	1.35
23.4	20.41	6.07	7.132	1.85
23.45	22.7	5.38	7.148	1.64
23.5	24.85	5.16	7.163	1.57
23.55	26.93	3.79	7.178	1.16
23.6	28.46	5.55	7.193	1.69
23.65	29.73	5.29	7.208	1.61
23.7	30.87	6.17	7.224	1.88
23.75	31.43	4.28	7.239	1.31
23.8	31.72	2.83	7.254	0.86
23.85	32.36	3	7.269	0.92

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23.9	32.68	4.62	7.285	1.41
23.95	33.34	4.64	7.3	1.42
24	34.17	6.25	7.315	1.9
24.05	34.58	4.76	7.33	1.45
24.1	35.29	2.64	7.346	0.81
24.15	36.15	3.4	7.361	1.04
24.2	36.07	3.61	7.376	1.1
24.25	36.04	5.29	7.391	1.61
24.3	36.02	3.69	7.407	1.13
24.35	35.51	3.62	7.422	1.1
24.4	35.25	3.83	7.437	1.17
24.45	35.13	5.52	7.452	1.68
24.5	34.56	4.01	7.468	1.22
24.55	34.28	6.67	7.483	2.03
24.6	34.64	2.78	7.498	0.85
24.65	33.82	2.53	7.513	0.77
24.7	33.91	3.9	7.529	1.19
24.75	33.96	3.52	7.544	1.07
24.8	33.48	4.11	7.559	1.25
24.85	32.74	3.19	7.574	0.97
24.9	32.37	4.95	7.589	1.51
24.95	32.68	3.88	7.605	1.18
25	31.84	4.34	7.62	1.32
25.05	32.42	6.14	7.635	1.87
25.1	31.21	3.55	7.65	1.08
25.15	31.11	3.65	7.666	1.11
25.2	32.05	3.3	7.681	1.01
25.25	32.53	4.52	7.696	1.38
25.3	33.26	4.18	7.711	1.27
25.35	33.13	3.94	7.727	1.2
25.4	33.07	4.34	7.742	1.32
25.45	33.03	2.71	7.757	0.83
25.5	33.52	3.57	7.772	1.09
25.55	33.76	5.24	7.788	1.6
25.6	33.88	4.34	7.803	1.32
25.65	33.94	5.51	7.818	1.68
25.7	33.47	3.98	7.833	1.21
25.75	33.23	4.34	7.849	1.32
25.8	33.12	4.34	7.864	1.32
25.85	32.56	5.85	7.879	1.78
25.9	32.78	4.55	7.894	1.39
25.95	32.89	4.69	7.91	1.43
26	32.94	4.2	7.925	1.28
26.05	32.47	4.57	7.94	1.39
26.1	32.74	5.46	7.955	1.66
26.15	32.87	4.78	7.97	1.46
26.2	32.93	4.14	7.986	1.26
26.25	33.47	4.93	8.001	1.5
26.3	32.73	3.19	8.016	0.97
26.35	32.37	4.17	8.031	1.27
26.4	31.18	5.09	8.047	1.55
26.45	29.59	4.3	8.062	1.31
26.5	28.8	4.85	8.077	1.48
26.55	28.4	4.49	8.092	1.37
26.6	27.7	6.08	8.108	1.85
26.65	27.35	4.63	8.123	1.41
26.7	26.67	5.96	8.138	1.82
26.75	25.84	5.35	8.153	1.63
26.8	24.92	5.95	8.169	1.81
26.85	24.96	4.35	8.184	1.33
26.9	24.48	4.19	8.199	1.28
26.95	24.24	4.43	8.214	1.35

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	23.62	6.87	8.23	2.09
27.05	23.31	5.06	8.245	1.54
27.1	22.65	3.86	8.26	1.18
27.15	22.33	4.3	8.275	1.31
27.2	21.66	4.19	8.291	1.28
27.25	21.33	6.71	8.306	2.04
27.3	22.17	5.89	8.321	1.79
27.35	22.08	4.45	8.336	1.36
27.4	22.04	4.74	8.351	1.45
27.45	22.02	7.84	8.367	2.39
27.5	22.01	4.39	8.382	1.34
27.55	21.51	8.6	8.397	2.62
27.6	21.25	4.29	8.412	1.31
27.65	20.63	8.67	8.428	2.64
27.7	20.31	6.26	8.443	1.91
27.75	20.16	4.77	8.458	1.45
27.8	20.08	5.99	8.473	1.82
27.85	20.04	5.81	8.489	1.77
27.9	20.02	6.68	8.504	2.04
27.95	20.51	3.55	8.519	1.08
28	20.25	6.33	8.534	1.93
28.05	20.13	5.34	8.55	1.63
28.1	20.06	7.35	8.565	2.24
28.15	20.03	5.77	8.58	1.76
28.2	20.02	4.2	8.595	1.28
28.25	20.51	6.04	8.611	1.84
28.3	20.75	5.6	8.626	1.71
28.35	21.38	5.32	8.641	1.62
28.4	21.19	4.73	8.656	1.44
28.45	21.09	5.47	8.672	1.67
28.5	21.05	5.57	8.687	1.7
28.55	21.02	4.43	8.702	1.35
28.6	21.51	7.47	8.717	2.28
28.65	21.26	5.09	8.732	1.55
28.7	21.63	5.66	8.748	1.73
28.75	21.81	4.46	8.763	1.36
28.8	22.41	5.32	8.778	1.62
28.85	22.7	4.98	8.793	1.52
28.9	22.35	6.97	8.809	2.13
28.95	22.18	7.65	8.824	2.33
29	22.09	5.33	8.839	1.62
29.05	21.54	5.29	8.854	1.61
29.1	20.77	5.09	8.87	1.55
29.15	20.39	5.05	8.885	1.54
29.2	19.69	3.89	8.9	1.19
29.25	20.35	5.41	8.915	1.65
29.3	21.17	6.17	8.931	1.88
29.35	21.09	4.05	8.946	1.23
29.4	20.54	3.88	8.961	1.18
29.45	20.27	5.99	8.976	1.83
29.5	20.14	5.57	8.992	1.7
29.55	20.57	4.32	9.007	1.32
29.6	20.78	4.47	9.022	1.36
29.65	20.89	5.66	9.037	1.72
29.7	20.95	5.8	9.053	1.77
29.75	21.47	3.76	9.068	1.15
29.8	21.74	4.58	9.083	1.4
29.85	21.87	4.91	9.098	1.5
29.9	21.93	4.97	9.113	1.51
29.95	21.97	5.71	9.129	1.74
30	22.48	4.63	9.144	1.41
30.05	22.24	5.22	9.159	1.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	22.62	5.09	9.174	1.55
30.15	22.31	4.92	9.19	1.5
30.2	22.66	3.63	9.205	1.11
30.25	22.83	4.92	9.22	1.5
30.3	22.91	4.44	9.235	1.35
30.35	22.96	4.95	9.251	1.51
30.4	23.48	5.54	9.266	1.69
30.45	23.24	5.37	9.281	1.64
30.5	23.62	3.4	9.296	1.04
30.55	23.31	3.75	9.312	1.14
30.6	22.65	5.25	9.327	1.6
30.65	21.83	5.66	9.342	1.72
30.7	21.41	4.67	9.357	1.42
30.75	21.21	4.67	9.373	1.42
30.8	21.1	6.24	9.388	1.9
30.85	21.05	5.47	9.403	1.67
30.9	21.03	4.95	9.418	1.51
30.95	21.01	4.78	9.434	1.46
31	21.01	4.47	9.449	1.36
31.05	21	5.89	9.464	1.8
31.1	21	4.72	9.479	1.44
31.15	21	5.2	9.494	1.58
31.2	21	4.72	9.51	1.44
31.25	21	4.78	9.525	1.46
31.3	21	5.73	9.54	1.75
31.35	21	5.74	9.555	1.75
31.4	21	4.65	9.571	1.42
31.45	21	5.56	9.586	1.7
31.5	21	4.68	9.601	1.43
31.55	20.5	6.43	9.616	1.96
31.6	20.25	4.7	9.632	1.43
31.65	20.12	6.22	9.647	1.89
31.7	20.06	3.96	9.662	1.21
31.75	19.53	5.49	9.677	1.67
31.8	19.27	7.22	9.693	2.2
31.85	19.13	5.11	9.708	1.56
31.9	18.57	6.66	9.723	2.03
31.95	18.78	5.42	9.738	1.65
32	18.39	4.67	9.754	1.42
32.05	18.7	5.19	9.769	1.58
32.1	18.35	4.44	9.784	1.35
32.15	18.17	3.16	9.799	0.96
32.2	17.59	5.6	9.814	1.71
32.25	17.79	8.99	9.83	2.74
32.3	17.9	6.02	9.845	1.84
32.35	17.95	6.24	9.86	1.9
32.4	17.97	6.77	9.875	2.06
32.45	17.49	6.74	9.891	2.05
32.5	17.24	9.22	9.906	2.81
32.55	17.12	4.36	9.921	1.33
32.6	17.06	3.78	9.936	1.15
32.65	17.03	6.75	9.952	2.06
32.7	17.02	6.92	9.967	2.11
32.75	17.01	6.31	9.982	1.92
32.8	17	7.51	9.997	2.29
32.85	17	4.99	10.013	1.52
32.9	17	5.89	10.028	1.79
32.95	17	5.43	10.043	1.65
33	17.5	5.43	10.058	1.66
33.05	17.25	4.67	10.074	1.42
33.1	17.13	4.88	10.089	1.49
33.15	17.56	6.05	10.104	1.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	17.78	6.37	10.119	1.94
33.25	17.89	6.77	10.135	2.06
33.3	17.95	4.84	10.15	1.48
33.35	17.97	6.56	10.165	2
33.4	18.49	6.98	10.18	2.13
33.45	18.74	6.02	10.195	1.83
33.5	18.37	6.96	10.211	2.12
33.55	18.19	6.41	10.226	1.95
33.6	18.59	5.29	10.241	1.61
33.65	18.8	6.12	10.256	1.87
33.7	18.4	6.22	10.272	1.9
33.75	18.7	6.48	10.287	1.98
33.8	18.35	5.51	10.302	1.68
33.85	18.17	5.74	10.317	1.75
33.9	18.09	6.47	10.333	1.97
33.95	18.04	7.23	10.348	2.2
34	18.02	5.77	10.363	1.76
34.05	18.01	5.57	10.378	1.7
34.1	18.51	3.47	10.394	1.06
34.15	18.25	5.48	10.409	1.67
34.2	18.13	5.45	10.424	1.66
34.25	18.06	5.46	10.439	1.66
34.3	18.03	5.8	10.455	1.77
34.35	18.02	6.24	10.47	1.9
34.4	18.01	5.53	10.485	1.69
34.45	18	5.86	10.5	1.79
34.5	18	5.43	10.516	1.65
34.55	18	4.17	10.531	1.27
34.6	18	5.22	10.546	1.59
34.65	18	6.56	10.561	2
34.7	18.5	6.02	10.576	1.84
34.75	18.25	5.26	10.592	1.6
34.8	18.13	5.08	10.607	1.55
34.85	18.06	6.02	10.622	1.84
34.9	18.03	5.18	10.637	1.58
34.95	18.02	6.68	10.653	2.04
35	18.51	4.32	10.668	1.32
35.05	18.75	4.81	10.683	1.47
35.1	18.38	8.23	10.698	2.51
35.15	18.19	4.37	10.714	1.33
35.2	18.09	4.9	10.729	1.49
35.25	18.05	5.13	10.744	1.56
35.3	18.52	6.59	10.759	2.01
35.35	18.26	5.36	10.775	1.63
35.4	18.13	6	10.79	1.83
35.45	18.07	4.61	10.805	1.4
35.5	18.03	5.17	10.82	1.58
35.55	18.02	3.95	10.836	1.2
35.6	18.51	4.75	10.851	1.45
35.65	18.75	5.87	10.866	1.79
35.7	18.38	4.57	10.881	1.39
35.75	18.19	5.3	10.897	1.61
35.8	18.09	6.46	10.912	1.97
35.85	18.55	5.98	10.927	1.82
35.9	18.27	6.54	10.942	1.99
35.95	18.14	4.56	10.957	1.39
36	18.57	4.75	10.973	1.45
36.05	18.78	5.88	10.988	1.79
36.1	18.89	4.48	11.003	1.37
36.15	18.45	4.64	11.018	1.41
36.2	18.22	4.9	11.034	1.49
36.25	18.11	4.49	11.049	1.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	18.06	3.07	11.064	0.93
36.35	18.03	4.42	11.079	1.35
36.4	17.51	4.81	11.095	1.47
36.45	17.76	4.15	11.11	1.26
36.5	17.38	4.07	11.125	1.24
36.55	17.69	4.38	11.14	1.33
36.6	17.34	4.41	11.156	1.34
36.65	17.17	4.34	11.171	1.32
36.7	17.09	4.79	11.186	1.46
36.75	17.54	3.15	11.201	0.96
36.8	17.77	4.12	11.217	1.26
36.85	17.39	4.59	11.232	1.4
36.9	17.19	3.46	11.247	1.05
36.95	17.6	4.22	11.262	1.28
37	17.3	4.19	11.278	1.28
37.05	17.15	5.04	11.293	1.54
37.1	17.07	3.35	11.308	1.02
37.15	17.04	2.45	11.323	0.75
37.2	16.52	3.18	11.338	0.97
37.25	16.76	4.06	11.354	1.24
37.3	15.88	6.15	11.369	1.87
37.35	15.94	4.89	11.384	1.49
37.4	15.97	4.08	11.399	1.24
37.45	16.48	6.59	11.415	2.01
37.5	16.74	5.21	11.43	1.59
37.55	16.87	4.36	11.445	1.33
37.6	16.94	5.87	11.46	1.79
37.65	16.97	3.33	11.476	1.02
37.7	16.98	6.6	11.491	2.01
37.75	16.99	5.25	11.506	1.6
37.8	17.5	3.54	11.521	1.08
37.85	16.75	3.6	11.537	1.1
37.9	16.37	6.61	11.552	2.02
37.95	16.69	2.66	11.567	0.81
38	16.84	5.01	11.582	1.53
38.05	17.42	3.72	11.598	1.13
38.1	17.71	6.19	11.613	1.89
38.15	19.36	4.27	11.628	1.3
38.2	20.68	3.78	11.643	1.15
38.25	20.84	4.43	11.659	1.35
38.3	21.42	4.26	11.674	1.3
38.35	22.21	2.62	11.689	0.8
38.4	22.6	2.89	11.704	0.88
38.45	23.3	4.99	11.719	1.52
38.5	23.65	4.79	11.735	1.46
38.55	24.33	3.75	11.75	1.14
38.6	24.66	5.32	11.765	1.62
38.65	24.83	5.18	11.78	1.58
38.7	24.92	4.61	11.796	1.41
38.75	24.96	5.99	11.811	1.83
38.8	24.98	5.71	11.826	1.74
38.85	25.49	4.09	11.841	1.25
38.9	25.24	6.95	11.857	2.12
38.95	25.12	6.92	11.872	2.11
39	25.06	4.2	11.887	1.28
39.05	25.03	3.76	11.902	1.15
39.1	25.02	4.89	11.918	1.49
39.15	25.01	4.12	11.933	1.26
39.2	25.5	3.9	11.948	1.19
39.25	26.25	4.03	11.963	1.23
39.3	26.63	5.43	11.979	1.66
39.35	27.31	4.79	11.994	1.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	27.66	3.61	12.009	1.1
39.45	28.33	4.07	12.024	1.24
39.5	28.66	4.13	12.04	1.26
39.55	28.83	3.79	12.055	1.15
39.6	29.42	3.22	12.07	0.98
39.65	29.71	4.34	12.085	1.32
39.7	30.35	3.55	12.1	1.08
39.75	30.18	5.51	12.116	1.68
39.8	30.09	4.13	12.131	1.26
39.85	30.04	3.92	12.146	1.2
39.9	29.52	3.1	12.161	0.95
39.95	29.76	5.09	12.177	1.55
40	29.38	4.44	12.192	1.35
40.05	28.69	5.55	12.207	1.69
40.1	28.35	3.1	12.222	0.94
40.15	28.17	4.22	12.238	1.29
40.2	28.09	3.72	12.253	1.13
40.25	27.04	3.75	12.268	1.14
40.3	26.02	3.82	12.283	1.17
40.35	25.01	3.81	12.299	1.16
40.4	25.01	4.86	12.314	1.48
40.45	24.5	3.95	12.329	1.2
40.5	24.25	4.21	12.344	1.28
40.55	23.63	3.99	12.36	1.22
40.6	23.31	4.33	12.375	1.32
40.65	23.16	3.33	12.39	1.01
40.7	22.58	3.33	12.405	1.02
40.75	22.29	5.07	12.42	1.55
40.8	22.14	4.02	12.436	1.23
40.85	21.57	3.75	12.451	1.14
40.9	20.29	4.06	12.466	1.24
40.95	20.14	4.35	12.481	1.33
41	20.07	3.53	12.497	1.07
41.05	20.04	3.94	12.512	1.2
41.1	20.02	4.04	12.527	1.23
41.15	20.01	4.22	12.542	1.29
41.2	20	3.18	12.558	0.97
41.25	20	5.12	12.573	1.56
41.3	20	2.91	12.588	0.89
41.35	20	4.77	12.603	1.46
41.4	20	4.8	12.619	1.46
41.45	19.5	3.27	12.634	1
41.5	18.75	4.08	12.649	1.24
41.55	17.88	4.68	12.664	1.43
41.6	17.94	3.46	12.68	1.06
41.65	17.97	3.49	12.695	1.07
41.7	18.48	4.03	12.71	1.23
41.75	18.74	2.89	12.725	0.88
41.8	19.37	4.47	12.741	1.36
41.85	20.19	3.96	12.756	1.21
41.9	21.09	4.62	12.771	1.41
41.95	21.55	3.27	12.786	1
42	21.77	3.24	12.801	0.99
42.05	21.89	3.49	12.817	1.06
42.1	21.44	3.64	12.832	1.11
42.15	20.22	1.54	12.847	0.47
42.2	20.11	3.27	12.862	1
42.25	19.56	3.81	12.878	1.16
42.3	18.78	5.76	12.893	1.76
42.35	17.39	4.98	12.908	1.52
42.4	17.19	5.18	12.923	1.58
42.45	17.1	5.95	12.939	1.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	17.55	4.79	12.954	1.46
42.55	17.77	6.78	12.969	2.07
42.6	17.89	5.88	12.984	1.79
42.65	18.44	7.45	13	2.27
42.7	18.72	4.44	13.015	1.35
42.75	18.86	5.62	13.03	1.71
42.8	18.43	5.82	13.045	1.77
42.85	18.22	4.52	13.061	1.38
42.9	18.11	6.12	13.076	1.87
42.95	17.55	5.91	13.091	1.8
43	17.28	5.04	13.106	1.54
43.05	17.14	4.76	13.122	1.45
43.1	17.07	4.63	13.137	1.41
43.15	17.03	4.57	13.152	1.39
43.2	17.02	2.85	13.167	0.87
43.25	17.51	2.38	13.182	0.73
43.3	17.75	3	13.198	0.91
43.35	17.88	2.43	13.213	0.74
43.4	18.44	4.05	13.228	1.23
43.45	18.72	4.36	13.243	1.33
43.5	18.86	5.84	13.259	1.78
43.55	17.93	2.84	13.274	0.87
43.6	15.96	5.97	13.289	1.82
43.65	13.98	3.97	13.304	1.21
43.7	12.49	3.86	13.32	1.18
43.75	10.25	2.31	13.335	0.7
43.8	10.62	4.87	13.35	1.49
43.85	10.81	4.09	13.365	1.25
43.9	10.41	2.44	13.381	0.74
43.95	10.7	3.4	13.396	1.04
44	10.35	3.62	13.411	1.1
44.05	10.18	4.17	13.426	1.27
44.1	10.09	2.95	13.442	0.9
44.15	10.04	2.69	13.457	0.82
44.2	10.02	1.77	13.472	0.54
44.25	10.51	4.16	13.487	1.27
44.3	10.26	3.16	13.503	0.96
44.35	10.13	2.94	13.518	0.9
44.4	10.06	2.61	13.533	0.8
44.45	10.03	3.49	13.548	1.06
44.5	9.52	2.62	13.563	0.8
44.55	9.26	3.54	13.579	1.08
44.6	9.13	2.15	13.594	0.66
44.65	9.06	2.64	13.609	0.81
44.7	8.53	3.2	13.624	0.97
44.75	8.27	2.86	13.64	0.87
44.8	7.63	4.51	13.655	1.37
44.85	7.32	2.65	13.67	0.81
44.9	7.16	3.76	13.685	1.15
44.95	7.08	3.07	13.701	0.94
45	6.54	3.39	13.716	1.03
45.05	6.27	4.19	13.731	1.28
45.1	6.13	2.28	13.746	0.69
45.15	6.07	3.84	13.762	1.17
45.2	6.03	2.84	13.777	0.86
45.25	6.02	3.08	13.792	0.94
45.3	5.51	3.12	13.807	0.95
45.35	5.75	4.73	13.823	1.44
45.4	5.88	3.37	13.838	1.03
45.45	5.94	3.6	13.853	1.1
45.5	5.97	2.96	13.868	0.9
45.55	5.98	4.33	13.884	1.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	5.99	2.97	13.899	0.91
45.65	5.5	5.23	13.914	1.59
45.7	5.25	3.35	13.929	1.02
45.75	5.62	3.91	13.944	1.19
45.8	5.31	5.08	13.96	1.55
45.85	5.66	2.79	13.975	0.85
45.9	5.33	3.67	13.99	1.12
45.95	5.16	3.06	14.005	0.93
46	5.08	3.45	14.021	1.05
46.05	5.04	3.9	14.036	1.19
46.1	5.02	4.33	14.051	1.32
46.15	5.01	3.81	14.066	1.16
46.2	4.51	4.82	14.082	1.47
46.25	4.75	3.61	14.097	1.1
46.3	4.88	3.46	14.112	1.06
46.35	4.94	4.15	14.127	1.26
46.4	5.47	4.48	14.143	1.37
46.45	5.73	4.6	14.158	1.4
46.5	6.37	5.47	14.173	1.67
46.55	6.68	4.21	14.188	1.28
46.6	7.34	3.04	14.204	0.93
46.65	8.17	3.33	14.219	1.01
46.7	9.09	3.19	14.234	0.97
46.75	9.54	2.89	14.249	0.88
46.8	9.27	3.33	14.265	1.02
46.85	9.14	4.42	14.28	1.35
46.9	9.57	5.85	14.295	1.78
46.95	9.78	2.96	14.31	0.9
47	10.39	4.25	14.325	1.3
47.05	10.7	4.95	14.341	1.51
47.1	11.35	3.51	14.356	1.07
47.15	11.67	3.22	14.371	0.98
47.2	11.84	1.3	14.386	0.4
47.25	11.92	3.74	14.402	1.14
47.3	11.96	5.78	14.417	1.76
47.35	11.98	2.89	14.432	0.88
47.4	12.49	3.1	14.447	0.95
47.45	12.74	4.01	14.463	1.22
47.5	12.37	3.33	14.478	1.02
47.55	12.19	4.28	14.493	1.3
47.6	12.09	5.82	14.508	1.77
47.65	12.05	6.53	14.524	1.99
47.7	11.52	4.26	14.539	1.3
47.75	11.26	4.46	14.554	1.36
47.8	10.63	3.77	14.569	1.15
47.85	10.32	3.43	14.585	1.04
47.9	10.16	3.67	14.6	1.12
47.95	10.08	4.77	14.615	1.46
48	9.54	4.93	14.63	1.5
48.05	9.27	5.32	14.646	1.62
48.1	9.13	4.4	14.661	1.34
48.15	9.07	4.02	14.676	1.22
48.2	9.03	3.42	14.691	1.04
48.25	9.02	4.7	14.706	1.43
48.3	9.01	3.46	14.722	1.06
48.35	9.5	4.45	14.737	1.36
48.4	10.25	3.89	14.752	1.18
48.45	11.13	2.05	14.767	0.63
48.5	11.56	4.38	14.783	1.34
48.55	11.78	2.51	14.798	0.77
48.6	11.39	3.68	14.813	1.12
48.65	11.2	3.54	14.828	1.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	11.1	3.89	14.844	1.19
48.75	10.55	3.93	14.859	1.2
48.8	10.27	5.96	14.874	1.82
48.85	10.64	5.48	14.889	1.67
48.9	10.82	3.74	14.905	1.14
48.95	10.91	4.01	14.92	1.22
49	10.95	4.04	14.935	1.23
49.05	11.48	5.68	14.95	1.73
49.1	11.74	5.24	14.966	1.6
49.15	11.87	5.96	14.981	1.82
49.2	11.93	4.86	14.996	1.48
49.25	11.97	3.89	15.011	1.19
49.3	11.98	4.77	15.026	1.45
49.35	11.99	3.42	15.042	1.04
49.4	12	3.42	15.057	1.04
49.45	11.5	5.49	15.072	1.67
49.5	11.25	4.88	15.087	1.49
49.55	11.62	4.39	15.103	1.34
49.6	11.81	3.97	15.118	1.21
49.65	11.91	3.08	15.133	0.94
49.7	11.45	2.93	15.148	0.89
49.75	10.73	4.09	15.164	1.25
49.8	9.86	4.76	15.179	1.45
49.85	8.93	4.91	15.194	1.5
49.9	8.47	3.85	15.209	1.17
49.95	8.23	3.87	15.225	1.18
50	8.62	5.35	15.24	1.63
50.05	8.81	3.55	15.255	1.08
50.1	8.9	4.29	15.27	1.31
50.15	9.45	4.21	15.286	1.28
50.2	9.73	4.01	15.301	1.22
50.25	9.86	4.19	15.316	1.28
50.3	9.93	4.17	15.331	1.27
50.35	9.47	4.81	15.347	1.46
50.4	9.23	2.84	15.362	0.86
50.45	9.12	4.21	15.377	1.28
50.5	9.56	3.67	15.392	1.12
50.55	9.28	4.31	15.407	1.31
50.6	9.14	3.47	15.423	1.06
50.65	9.07	3.94	15.438	1.2
50.7	8.53	2.95	15.453	0.9
50.75	8.27	4.31	15.468	1.31
50.8	7.63	4.15	15.484	1.26
50.85	7.82	2.57	15.499	0.78
50.9	7.41	2.35	15.514	0.72
50.95	7.2	2.64	15.529	0.8
51	7.1	2.59	15.545	0.79
51.05	7.05	2.25	15.56	0.69
51.1	7.03	2.36	15.575	0.72
51.15	6.51	3.37	15.59	1.03
51.2	6.26	3.01	15.606	0.92
51.25	6.13	2.17	15.621	0.66
51.3	6.06	2.3	15.636	0.7
51.35	6.03	2.8	15.651	0.85
51.4	6.02	2.66	15.667	0.81
51.45	6.01	3.29	15.682	1
51.5	6	2.1	15.697	0.64
51.55	6	2.84	15.712	0.87
51.6	6	3.46	15.728	1.06
51.65	6	2.74	15.743	0.84
51.7	6	2.69	15.758	0.82
51.75	6	4.39	15.773	1.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	5.5	4.36	15.788	1.33
51.85	5.25	3.85	15.804	1.17
51.9	5.13	4.25	15.819	1.3
51.95	5.06	3.68	15.834	1.12
52	4.53	2.79	15.849	0.85
52.05	4.77	3.02	15.865	0.92
52.1	4.38	1.82	15.88	0.55
52.15	4.19	3.41	15.895	1.04
52.2	4.1	2.5	15.91	0.76
52.25	4.05	5.53	15.926	1.68
52.3	4.02	2.83	15.941	0.86
52.35	4.01	2.51	15.956	0.76
52.4	4.01	2.54	15.971	0.77
52.45	4.5	3.82	15.987	1.17
52.5	4.75	3.75	16.002	1.14
52.55	5.38	5.08	16.017	1.55
52.6	6.19	4.88	16.032	1.49
52.65	7.09	4.54	16.048	1.39
52.7	8.05	4.44	16.063	1.35
52.75	8.52	4.19	16.078	1.28
52.8	9.26	5.62	16.093	1.71
52.85	9.63	5.38	16.109	1.64
52.9	9.82	4.43	16.124	1.35
52.95	9.91	2.77	16.139	0.84
53	9.45	4.77	16.154	1.45
53.05	9.73	4.46	16.169	1.36
53.1	9.86	3.43	16.185	1.04
53.15	9.43	2.9	16.2	0.88
53.2	9.72	3.54	16.215	1.08
53.25	9.86	4.05	16.23	1.24
53.3	9.93	3.87	16.246	1.18
53.35	9.96	3.38	16.261	1.03
53.4	9.98	2.65	16.276	0.81
53.45	9.99	5.76	16.291	1.76
53.5	10	6.23	16.307	1.9
53.55	9.5	2.35	16.322	0.72
53.6	9.25	4.14	16.337	1.26
53.65	9.62	3.59	16.352	1.1
53.7	9.31	3.41	16.368	1.04
53.75	9.16	3.84	16.383	1.17
53.8	9.08	2.91	16.398	0.89
53.85	9.04	3.3	16.413	1
53.9	9.02	3.73	16.429	1.14
53.95	9.01	4.08	16.444	1.24
54	9	4.6	16.459	1.4
54.05	9	3.97	16.474	1.21
54.1	9	4.02	16.49	1.23
54.15	9	2.4	16.505	0.73
54.2	8.5	3.52	16.52	1.07
54.25	8.75	3.53	16.535	1.08
54.3	8.38	3.44	16.55	1.05
54.35	8.19	2.67	16.566	0.81
54.4	8.09	3.38	16.581	1.03
54.45	8.05	4.67	16.596	1.42
54.5	8.02	3.29	16.611	1
54.55	8.01	2.66	16.627	0.81
54.6	7.51	2.38	16.642	0.73
54.65	7.25	2.92	16.657	0.89
54.7	6.63	2.33	16.672	0.71
54.75	5.81	3.39	16.688	1.03
54.8	5.41	3.69	16.703	1.12
54.85	4.7	1.98	16.718	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	4.35	2.41	16.733	0.73
54.95	4.18	4.02	16.749	1.23
55	4.09	2.67	16.764	0.82
55.05	4.54	3.66	16.779	1.12
55.1	5.27	3.44	16.794	1.05
55.15	6.14	2.36	16.81	0.72
55.2	7.07	3.22	16.825	0.98
55.25	7.53	3.23	16.84	0.99
55.3	7.27	3.69	16.855	1.13
55.35	7.13	2.73	16.871	0.83
55.4	6.57	3.55	16.886	1.08
55.45	6.28	2.33	16.901	0.71
55.5	5.64	3.23	16.916	0.99
55.55	5.82	3.08	16.931	0.94
55.6	5.91	3.01	16.947	0.92
55.65	5.96	3.13	16.962	0.95
55.7	5.98	2.57	16.977	0.78
55.75	6.49	4.12	16.992	1.25
55.8	6.24	2.34	17.008	0.71
55.85	6.62	3.02	17.023	0.92
55.9	7.31	3.77	17.038	1.15
55.95	7.66	4.09	17.053	1.25
56	8.33	3.12	17.069	0.95
56.05	8.66	3.86	17.084	1.18
56.1	8.83	2.78	17.099	0.85
56.15	9.42	3.02	17.114	0.92
56.2	9.71	5.05	17.13	1.54
56.25	9.85	2.6	17.145	0.79
56.3	9.93	3.21	17.16	0.98
56.35	9.96	3.09	17.175	0.94
56.4	9.48	4.03	17.191	1.23
56.45	9.24	3.28	17.206	1
56.5	9.62	2.72	17.221	0.83
56.55	9.81	4.17	17.236	1.27
56.6	9.91	3.48	17.252	1.06
56.65	9.95	3.14	17.267	0.96
56.7	8.98	3.79	17.282	1.16
56.75	8.49	4.33	17.297	1.32
56.8	7.74	4.01	17.312	1.22
56.85	7.37	2.58	17.328	0.79
56.9	7.19	2.65	17.343	0.81
56.95	7.59	2.97	17.358	0.91
57	7.8	2.68	17.373	0.82
57.05	7.9	3	17.389	0.92
57.1	7.95	2.18	17.404	0.66
57.15	7.47	2.42	17.419	0.74
57.2	6.74	3.42	17.434	1.04
57.25	5.87	5.45	17.45	1.66
57.3	5.43	3.13	17.465	0.95
57.35	5.22	2.07	17.48	0.63
57.4	5.11	2.73	17.495	0.83
57.45	4.55	4.59	17.511	1.4
57.5	4.78	2.54	17.526	0.77
57.55	4.89	3.86	17.541	1.18
57.6	4.94	2.67	17.556	0.81
57.65	4.47	2.09	17.572	0.64
57.7	4.74	4.04	17.587	1.23
57.75	4.37	2.16	17.602	0.66
57.8	4.18	3.14	17.617	0.96
57.85	4.09	2.69	17.632	0.82
57.9	4.05	5.22	17.648	1.59
57.95	4.02	3.2	17.663	0.97

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	4.01	3.08	17.678	0.94
58.05	4.01	2.91	17.693	0.89
58.1	4	4.78	17.709	1.46
58.15	4	3.55	17.724	1.08
58.2	4	3.36	17.739	1.02
58.25	4	5.2	17.754	1.59
58.3	4	3.28	17.77	1
58.35	4	2.93	17.785	0.89
58.4	4	4.83	17.8	1.47
58.45	4.5	2.47	17.815	0.75
58.5	4.75	3.33	17.831	1.02
58.55	4.88	2.04	17.846	0.62
58.6	4.94	2.4	17.861	0.73
58.65	4.97	1.87	17.876	0.57
58.7	4.98	3.04	17.892	0.93
58.75	4.99	2.55	17.907	0.78
58.8	5	2.52	17.922	0.77
58.85	5.5	2.69	17.937	0.82
58.9	5.75	4.39	17.953	1.34
58.95	6.37	2.38	17.968	0.73
59	6.69	2.48	17.983	0.76
59.05	7.34	2.86	17.998	0.87
59.1	7.67	6.11	18.013	1.86
59.15	8.34	3.19	18.029	0.97
59.2	8.17	2.45	18.044	0.75
59.25	7.58	3.83	18.059	1.17
59.3	7.29	3.21	18.074	0.98
59.35	6.65	3.08	18.09	0.94
59.4	6.32	2.25	18.105	0.68
59.45	5.66	3.89	18.12	1.18
59.5	5.33	1.9	18.135	0.58
59.55	5.17	2.44	18.151	0.74
59.6	5.08	2.49	18.166	0.76
59.65	5.04	2.67	18.181	0.82
59.7	5.52	1.82	18.196	0.55
59.75	5.26	3.47	18.212	1.06
59.8	5.13	2.28	18.227	0.7
59.85	4.57	3.15	18.242	0.96
59.9	4.28	2.19	18.257	0.67
59.95	3.64	2.06	18.273	0.63
60	3.82	2.14	18.288	0.65
60.05	3.91	4.41	18.303	1.35
60.1	3.46	2.36	18.318	0.72
60.15	3.23	1.85	18.334	0.57
60.2	3.61	2.53	18.349	0.77
60.25	3.81	3.82	18.364	1.16
60.3	4.4	3.15	18.379	0.96
60.35	4.2	3.98	18.394	1.21
60.4	4.1	2.52	18.41	0.77
60.45	3.55	2.79	18.425	0.85
60.5	3.78	3.96	18.44	1.21
60.55	3.39	3.12	18.455	0.95
60.6	3.69	3.74	18.471	1.14
60.65	3.85	3.43	18.486	1.05
60.7	3.92	2.23	18.501	0.68
60.75	3.96	4	18.516	1.22
60.8	3.98	2.08	18.532	0.63
60.85	3.99	4.7	18.547	1.43
60.9	4	2.47	18.562	0.75
60.95	4	3.01	18.577	0.92
61	4	1.85	18.593	0.56
61.05	3.5	2.76	18.608	0.84

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61.1	3.25	2.84	18.623	0.87
61.15	3.12	1.78	18.638	0.54
61.2	3.06	3.03	18.654	0.93
61.25	3.03	1.87	18.669	0.57
61.3	3.02	2.4	18.684	0.73
61.35	3.01	2.23	18.699	0.68
61.4	2.5	2.78	18.715	0.85
61.45	2.25	2.57	18.73	0.78
61.5	2.13	2.34	18.745	0.71
61.55	2.06	1.74	18.76	0.53
61.6	2.03	2.42	18.775	0.74
61.65	2.02	2.66	18.791	0.81
61.7	2.01	3.09	18.806	0.94
61.75	2	2.55	18.821	0.78
61.8	2	2.76	18.836	0.84
61.85	2	2.1	18.852	0.64
61.9	2	2.29	18.867	0.7
61.95	2	2.13	18.882	0.65
62	2	2.51	18.897	0.77
62.05	2	1.2	18.913	0.37
62.1	2	2.27	18.928	0.69
62.15	2	2.86	18.943	0.87
62.2	2	2.65	18.958	0.81
62.25	1.5	3.42	18.974	1.04
62.3	1.25	2.37	18.989	0.72
62.35	1.63	2.99	19.004	0.91
62.4	1.81	3.54	19.019	1.08
62.45	1.91	3.97	19.035	1.21
62.5	1.95	3.7	19.05	1.13
62.55	1.98	4.01	19.065	1.22
62.6	1.99	2.25	19.08	0.69
62.65	1.99	2.22	19.096	0.68
62.7	2	2.55	19.111	0.78
62.75	2	2.83	19.126	0.86
62.8	2	2.51	19.141	0.77
62.85	2	3.05	19.156	0.93
62.9	2	2.03	19.172	0.62
62.95	2	3.6	19.187	1.1
63	1.5	1.88	19.202	0.57
63.05	1.75	3.8	19.217	1.16
63.1	1.37	2.51	19.233	0.76
63.15	1.69	1.95	19.248	0.59
63.2	1.84	3.04	19.263	0.93
63.25	1.92	3.88	19.278	1.18
63.3	1.96	3.09	19.294	0.94
63.35	1.98	2.43	19.309	0.74
63.4	1.99	3.6	19.324	1.1
63.45	2	5.18	19.339	1.58
63.5	2	3.45	19.355	1.05
63.55	2	3.57	19.37	1.09
63.6	2	2.04	19.385	0.62
63.65	2	3.57	19.4	1.09
63.7	2	4.19	19.416	1.28
63.75	2	1.83	19.431	0.56
63.8	2	3.44	19.446	1.05
63.85	2	3.4	19.461	1.04
63.9	2	3.52	19.477	1.07
63.95	2	2.85	19.492	0.87
64	2	3.63	19.507	1.11
64.05	2	2.57	19.522	0.78
64.1	2	2.89	19.537	0.88
64.15	2	2.03	19.553	0.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	2	2.33	19.568	0.71
64.25	2	2.17	19.583	0.66
64.3	2.5	3.23	19.598	0.98
64.35	2.75	2.46	19.614	0.75
64.4	2.88	4.01	19.629	1.22
64.45	2.94	1.69	19.644	0.52
64.5	3.47	2.6	19.659	0.79
64.55	3.73	2.86	19.675	0.87
64.6	3.37	2.73	19.69	0.83
64.65	3.18	2.12	19.705	0.65
64.7	3.59	1.89	19.72	0.58
64.75	3.3	2.21	19.736	0.67
64.8	3.15	2.77	19.751	0.84
64.85	3.57	3.35	19.766	1.02
64.9	3.79	3.47	19.781	1.06
64.95	3.39	2.37	19.797	0.72
65	3.2	2.56	19.812	0.78
65.05	3.1	1.48	19.827	0.45
65.1	3.05	2.39	19.842	0.73
65.15	3.02	2.15	19.858	0.66
65.2	3.01	1.79	19.873	0.54
65.25	3.01	2.35	19.888	0.72
65.3	3	2.02	19.903	0.62
65.35	2.5	2.94	19.918	0.9
65.4	2.25	2.77	19.934	0.84
65.45	2.13	1.64	19.949	0.5
65.5	2.06	1.8	19.964	0.55
65.55	2.03	1.67	19.979	0.51
65.6	2.02	2.3	19.995	0.7
65.65	2.01	2.33	20.01	0.71
65.7	2	2.59	20.025	0.79
65.75	2	2.9	20.04	0.89
65.8	2	2.18	20.056	0.66
65.85	2	1.87	20.071	0.57
65.9	2	2.62	20.086	0.8
65.95	2	2.3	20.101	0.7
66	2	2	20.117	0.61
66.05	2	1.8	20.132	0.55
66.1	2	2.33	20.147	0.71
66.15	2	2.4	20.162	0.73
66.2	2	3.3	20.178	1.01
66.25	2	3.53	20.193	1.08
66.3	2	1.94	20.208	0.59
66.35	2	3.85	20.223	1.17
66.4	2	3.35	20.239	1.02
66.45	2	1.46	20.254	0.45
66.5	2	1.97	20.269	0.6
66.55	2	2.37	20.284	0.72
66.6	2	1.95	20.3	0.59
66.65	1.5	3.47	20.315	1.06
66.7	1.75	2.05	20.33	0.62
66.75	1.88	2.4	20.345	0.73
66.8	1.94	2.52	20.36	0.77
66.85	1.97	1.42	20.376	0.43
66.9	1.98	2.38	20.391	0.72
66.95	1.99	2.73	20.406	0.83
67	2	2.67	20.421	0.82
67.05	2	3.75	20.437	1.14
67.1	2	4.34	20.452	1.32
67.15	2	2.92	20.467	0.89
67.2	2	3.65	20.482	1.11
67.25	2	3.06	20.498	0.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	2	2.39	20.513	0.73
67.35	2	1.85	20.528	0.56
67.4	2	3.63	20.543	1.11
67.45	2	3.52	20.559	1.07
67.5	2	2.81	20.574	0.86
67.55	2	1.41	20.589	0.43
67.6	2	2.83	20.604	0.86
67.65	2	2.81	20.62	0.86
67.7	2	1.35	20.635	0.41
67.75	2	1.73	20.65	0.53
67.8	2	2.43	20.665	0.74
67.85	2	1.41	20.681	0.43
67.9	2	1.23	20.696	0.37
67.95	2	1.68	20.711	0.51
68	2	1.59	20.726	0.49
68.05	2	3.52	20.742	1.07
68.1	2	2.54	20.757	0.78
68.15	2	1.16	20.772	0.35
68.2	2	1.94	20.787	0.59
68.25	2	2.29	20.802	0.7
68.3	2	1.14	20.818	0.35
68.35	2	2.71	20.833	0.83
68.4	2	1.67	20.848	0.51
68.45	2	1.22	20.863	0.37
68.5	2	2.42	20.879	0.74
68.55	2.5	2.11	20.894	0.64
68.6	2.25	1.58	20.909	0.48
68.65	2.12	2.71	20.924	0.83
68.7	2.06	2.22	20.94	0.68
68.75	2.03	2.26	20.955	0.69
68.8	2.02	1.11	20.97	0.34
68.85	2.51	1.85	20.985	0.56
68.9	2.75	2.76	21.001	0.84
68.95	2.38	2.57	21.016	0.78
69	2.69	2.98	21.031	0.91
69.05	2.84	1.82	21.046	0.56
69.1	2.92	1.98	21.062	0.6
69.15	2.46	1.55	21.077	0.47
69.2	2.23	1.62	21.092	0.49
69.25	2.12	0.81	21.107	0.25
69.3	2.06	3.29	21.123	1
69.35	2.03	2.68	21.138	0.82
69.4	2.01	2.01	21.153	0.61
69.45	2.01	1.79	21.168	0.55
69.5	2	2.09	21.183	0.64
69.55	2	2.47	21.199	0.75
69.6	2	2.42	21.214	0.74
69.65	2.5	2.6	21.229	0.79
69.7	2.75	3.27	21.244	1
69.75	2.38	2.56	21.26	0.78
69.8	2.19	2.41	21.275	0.74
69.85	2.09	2.85	21.29	0.87
69.9	2.05	3.55	21.305	1.08
69.95	2.02	1.57	21.321	0.48
70	2.01	1.68	21.336	0.51
70.05	2.01	2.59	21.351	0.79
70.1	1.5	1.68	21.366	0.51
70.15	1.25	3.1	21.382	0.95
70.2	1.63	2.48	21.397	0.75
70.25	1.31	2.17	21.412	0.66
70.3	1.16	1.51	21.427	0.46
70.35	1.08	1.58	21.443	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	1.04	0.88	21.458	0.27
70.45	1.02	2.84	21.473	0.87
70.5	1.01	2.35	21.488	0.72
70.55	1	3.04	21.504	0.93
70.6	1	3.24	21.519	0.99
70.65	1	2.56	21.534	0.78
70.7	1	1.63	21.549	0.5
70.75	1	1.64	21.565	0.5
70.8	1	1.25	21.58	0.38
70.85	1	1.19	21.595	0.36
70.9	1.5	2.56	21.61	0.78
70.95	1.75	3.33	21.625	1.01
71	1.88	2.56	21.641	0.78
71.05	1.94	2.09	21.656	0.64
71.1	1.97	3.62	21.671	1.1
71.15	1.98	3	21.686	0.92
71.2	1.99	4.27	21.702	1.3
71.25	2	2.01	21.717	0.61
71.3	2	1.36	21.732	0.41
71.35	2	2.1	21.747	0.64
71.4	2	2.53	21.763	0.77
71.45	2	1.55	21.778	0.47
71.5	2	2.26	21.793	0.69
71.55	2.5	1.96	21.808	0.6
71.6	2.25	2.18	21.824	0.66
71.65	2.12	4.79	21.839	1.46
71.7	2.06	2.41	21.854	0.74
71.75	2.53	1.45	21.869	0.44
71.8	2.27	2.9	21.885	0.88
71.85	2.13	2.31	21.9	0.7
71.9	2.07	1.68	21.915	0.51
71.95	2.03	2.72	21.93	0.83
72	2.02	1.97	21.946	0.6
72.05	2.51	2.06	21.961	0.63
72.1	2.75	3.08	21.976	0.94
72.15	2.88	1.62	21.991	0.49
72.2	2.94	2.7	22.007	0.82
72.25	2.97	1.8	22.022	0.55
72.3	2.98	1.42	22.037	0.43
72.35	2.99	1.42	22.052	0.43
72.4	3	2.74	22.067	0.83
72.45	3	1.5	22.083	0.46
72.5	3	3.71	22.098	1.13
72.55	3	1.33	22.113	0.4
72.6	3	2.25	22.128	0.69
72.65	2.5	2.37	22.144	0.72
72.7	2.25	1.78	22.159	0.54
72.75	2.12	1.57	22.174	0.48
72.8	2.06	3.9	22.189	1.19
72.85	2.03	1.79	22.205	0.54
72.9	2.02	1.89	22.22	0.57
72.95	2.01	1.6	22.235	0.49
73	2	2.35	22.25	0.72
73.05	2	1.56	22.266	0.47
73.1	2.5	0.94	22.281	0.29
73.15	2.25	1.75	22.296	0.53
73.2	2.13	0.89	22.311	0.27
73.25	2.06	2.14	22.327	0.65
73.3	2.03	1.13	22.342	0.34
73.35	2.02	1.6	22.357	0.49
73.4	2.51	1.8	22.372	0.55
73.45	2.25	2.18	22.388	0.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	2.13	2.15	22.403	0.66
73.55	2.06	1.74	22.418	0.53
73.6	2.03	1.97	22.433	0.6
73.65	2.02	2.65	22.448	0.81
73.7	2.01	2.55	22.464	0.78
73.75	2	1.87	22.479	0.57
73.8	2	1.72	22.494	0.52
73.85	2	2.28	22.509	0.7
73.9	2	1.77	22.525	0.54
73.95	2	2.12	22.54	0.65
74	2	1.68	22.555	0.51
74.05	2	2.42	22.57	0.74
74.1	2	2.74	22.586	0.83
74.15	2	2.55	22.601	0.78
74.2	2	0.73	22.616	0.22
74.25	2	1.79	22.631	0.55
74.3	2.5	2.57	22.647	0.78
74.35	2.25	2.07	22.662	0.63
74.4	2.13	1.75	22.677	0.53
74.45	1.56	1.72	22.692	0.52
74.5	1.78	2.72	22.708	0.83
74.55	1.89	2.17	22.723	0.66
74.6	1.95	1.26	22.738	0.38
74.65	1.97	0.64	22.753	0.2
74.7	1.49	0.75	22.769	0.23
74.75	1.74	1.05	22.784	0.32
74.8	1.87	1.85	22.799	0.56
74.85	1.44	2.6	22.814	0.79
74.9	1.22	2.57	22.83	0.78
74.95	1.11	1.3	22.845	0.4
75	1.05	2.69	22.86	0.82
75.05	1.53	0.87	22.875	0.26
75.1	1.76	1.98	22.89	0.6
75.15	1.88	1.27	22.906	0.39
75.2	1.94	1.89	22.921	0.58
75.25	2.47	2.06	22.936	0.63
75.3	2.24	2.92	22.951	0.89
75.35	2.62	1.54	22.967	0.47
75.4	2.81	2.24	22.982	0.68
75.45	2.4	1.78	22.997	0.54
75.5	2.2	2.84	23.012	0.87
75.55	2.1	2.61	23.028	0.8
75.6	2.55	1.6	23.043	0.49
75.65	2.78	1.59	23.058	0.49
75.7	2.89	2.6	23.073	0.79
75.75	2.94	2.29	23.089	0.7
75.8	3.47	2.28	23.104	0.69
75.85	3.24	1.09	23.119	0.33
75.9	3.12	1.5	23.134	0.46
75.95	3.06	1.02	23.15	0.31
76	3.03	1.14	23.165	0.35
76.05	3.01	0.64	23.18	0.19
76.1	2.51	1.71	23.195	0.52
76.15	2.25	2.61	23.211	0.79
76.2	2.63	1.71	23.226	0.52
76.25	2.81	1.67	23.241	0.51
76.3	2.91	2.14	23.256	0.65
76.35	2.95	0.86	23.271	0.26
76.4	2.98	2.19	23.287	0.67
76.45	2.99	2.71	23.302	0.82
76.5	2.99	1.58	23.317	0.48
76.55	3	2.76	23.332	0.84

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
76.6	3	2.24	23.348	0.68
76.65	3	1.73	23.363	0.53
76.7	3	2.47	23.378	0.75
76.75	3	2.39	23.393	0.73
76.8	3	1.91	23.409	0.58
76.85	2.5	1.72	23.424	0.52
76.9	2.25	2.01	23.439	0.61
76.95	2.12	0.8	23.454	0.24
77	2.06	2.25	23.47	0.69
77.05	2.03	2.15	23.485	0.66
77.1	2.52	15.67	23.5	4.78
77.15	2.26	8.89	23.515	2.71
77.2	2.63	14.64	23.531	4.46
77.25	2.31	12.51	23.546	3.81
77.3	2.16	18.04	23.561	5.5
77.35	2.08	17.65	23.576	5.38
77.4	2.54	6.44	23.592	1.96
77.45	2.27	5.82	23.607	1.77
77.5	2.13	2.16	23.622	0.66
77.55	2.07	2.64	23.637	0.8
77.6	2.03	2.08	23.653	0.63
77.65	2.02	3.38	23.668	1.03
77.7	2.01	1.87	23.683	0.57
77.75	2.5	1.84	23.698	0.56
77.8	2.25	2.02	23.713	0.62
77.85	2.13	1.26	23.729	0.39
77.9	2.06	3.81	23.744	1.16
77.95	2.03	1.91	23.759	0.58
78	2.02	1.36	23.774	0.41
78.05	2.01	1.94	23.79	0.59
78.1	2	1.9	23.805	0.58
78.15	2	2.19	23.82	0.67
78.2	2	1.28	23.835	0.39
78.25	2.5	2.33	23.851	0.71
78.3	2.75	0.88	23.866	0.27
78.35	2.88	1.59	23.881	0.49
78.4	2.44	0.68	23.896	0.21
78.45	2.22	1.51	23.912	0.46
78.5	2.11	0.99	23.927	0.3
78.55	2.05	0.69	23.942	0.21
78.6	2.03	0.9	23.957	0.27
78.65	2.01	2.45	23.973	0.75
78.7	2.01	1.16	23.988	0.35
78.75	2.5	2.6	24.003	0.79
78.8	2.75	1.11	24.018	0.34
78.85	2.88	2.83	24.034	0.86
78.9	2.94	3.26	24.049	0.99
78.95	2.97	3.49	24.064	1.06
79	2.98	2.36	24.079	0.72
79.05	2.99	2.04	24.095	0.62
79.1	3	1.66	24.11	0.51
79.15	3	1.49	24.125	0.45
79.2	2.5	3.01	24.14	0.92
79.25	2.25	1.87	24.155	0.57
79.3	2.12	1.74	24.171	0.53
79.35	2.06	2.18	24.186	0.66
79.4	2.03	0.94	24.201	0.29
79.45	2.02	1.13	24.216	0.34
79.5	1.51	2.34	24.232	0.71
79.55	1.25	2.16	24.247	0.66
79.6	1.13	1.54	24.262	0.47
79.65	1.56	1.46	24.277	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	1.78	1.89	24.293	0.57
79.75	1.39	1.74	24.308	0.53
79.8	1.2	1.47	24.323	0.45
79.85	1.1	1.66	24.338	0.5
79.9	1.55	2.05	24.354	0.63
79.95	1.77	2.26	24.369	0.69
80	2.39	2.81	24.384	0.86
80.05	5.69	0.69	24.399	0.21
80.1	6.85	1.94	24.415	0.59
80.15	6.92	3.44	24.43	1.05
80.2	6.46	2.36	24.445	0.72
80.25	6.23	1.65	24.46	0.5
80.3	5.12	1.71	24.476	0.52
80.35	4.56	0.95	24.491	0.29
80.4	4.28	3.51	24.506	1.07
80.45	4.14	1.02	24.521	0.31
80.5	3.57	1.32	24.536	0.4
80.55	3.28	1.18	24.552	0.36
80.6	2.64	1.15	24.567	0.35
80.65	2.82	1.49	24.582	0.45
80.7	2.41	1.09	24.597	0.33
80.75	2.21	1.43	24.613	0.44
80.8	2.1	2.94	24.628	0.9
80.85	2.05	1.6	24.643	0.49
80.9	2.03	1.73	24.658	0.53
80.95	2.01	1.25	24.674	0.38
81	2.01	0.81	24.689	0.25
81.05	2.5	1.3	24.704	0.4
81.1	2.75	0.86	24.719	0.26
81.15	3.38	1.74	24.735	0.53
81.2	3.69	2.41	24.75	0.73
81.25	3.34	1.1	24.765	0.33
81.3	3.17	1.47	24.78	0.45
81.35	3.09	3.63	24.796	1.11
81.4	3.04	1.24	24.811	0.38
81.45	3.02	3	24.826	0.91
81.5	2.51	1.99	24.841	0.61
81.55	2.26	3.07	24.857	0.94
81.6	2.13	0.7	24.872	0.21
81.65	2.06	1.02	24.887	0.31
81.7	2.03	3.96	24.902	1.21
81.75	2.02	4.15	24.918	1.27
81.8	2.01	1.63	24.933	0.5
81.85	2	2.45	24.948	0.75
81.9	2	1	24.963	0.31
81.95	2	1.73	24.978	0.53
82	2	1.63	24.994	0.5
82.05	2	3.19	25.009	0.97
82.1	2	1.67	25.024	0.51
82.15	2	0.88	25.039	0.27
82.2	2	2.12	25.055	0.64
82.25	1.5	2.4	25.07	0.73
82.3	1.75	1.38	25.085	0.42
82.35	1.88	1.28	25.1	0.39
82.4	1.44	2.11	25.116	0.64
82.45	1.22	1.88	25.131	0.57
82.5	1.11	1.03	25.146	0.32
82.55	1.05	1.51	25.161	0.46
82.6	1.03	2.88	25.177	0.88
82.65	1.01	2.53	25.192	0.77
82.7	1.01	1.28	25.207	0.39
82.75	1	2.46	25.222	0.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	1	1.54	25.238	0.47
82.85	1.5	2.54	25.253	0.77
82.9	1.75	1.26	25.268	0.38
82.95	1.38	1.79	25.283	0.55
83	1.19	3.29	25.299	1
83.05	1.59	1.9	25.314	0.58
83.1	1.3	2.74	25.329	0.84
83.15	1.65	1.7	25.344	0.52
83.2	1.82	2.39	25.36	0.73
83.25	1.91	1.83	25.375	0.56
83.3	2.46	2.23	25.39	0.68
83.35	2.73	1.42	25.405	0.43
83.4	2.86	1.47	25.42	0.45
83.45	2.43	1.06	25.436	0.32
83.5	1.72	2.59	25.451	0.79
83.55	1.36	2.74	25.466	0.84
83.6	1.68	0.6	25.481	0.18
83.65	1.84	2.6	25.497	0.79
83.7	3.42	0.98	25.512	0.3
83.75	4.71	2.19	25.527	0.67
83.8	5.35	1.36	25.542	0.42
83.85	5.18	3.24	25.558	0.99
83.9	4.59	1.75	25.573	0.53
83.95	3.79	3.36	25.588	1.02
84	3.4	1.57	25.603	0.48
84.05	3.2	2.36	25.619	0.72
84.1	3.1	2.24	25.634	0.68
84.15	2.55	1.08	25.649	0.33
84.2	2.27	3.54	25.664	1.08
84.25	2.14	2.67	25.68	0.81
84.3	2.07	2.87	25.695	0.88
84.35	2.03	0.71	25.71	0.22
84.4	2.02	0.63	25.725	0.19
84.45	2.01	1.14	25.741	0.35
84.5	2	0.77	25.756	0.23
84.55	2.5	1.66	25.771	0.51
84.6	2.25	1.7	25.786	0.52
84.65	2.13	1.14	25.801	0.35
84.7	2.06	0.58	25.817	0.18
84.75	2.03	1.19	25.832	0.36
84.8	1.52	1.06	25.847	0.32
84.85	1.26	0.51	25.862	0.16
84.9	1.63	1.56	25.878	0.47
84.95	1.81	1.49	25.893	0.45
85	1.41	0.79	25.908	0.24
85.05	1.7	0.55	25.923	0.17
85.1	1.85	1.76	25.939	0.54
85.15	1.93	0.91	25.954	0.28
85.2	1.96	0.53	25.969	0.16
85.25	1.98	1.3	25.984	0.4
85.3	1.99	1.29	26	0.39
85.35	2	1.76	26.015	0.54
85.4	2	1.58	26.03	0.48
85.45	2	1	26.045	0.31
85.5	2	1.05	26.061	0.32
85.55	2	2.23	26.076	0.68
85.6	2	1.38	26.091	0.42
85.65	2	1.42	26.106	0.43
85.7	2	1.17	26.122	0.36
85.75	2	1.29	26.137	0.39
85.8	2	0.79	26.152	0.24
85.85	2	1.49	26.167	0.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	2	1.44	26.183	0.44
85.95	2	0.86	26.198	0.26
86	2	1.46	26.213	0.44
86.05	2	0.93	26.228	0.28
86.1	2	2.46	26.243	0.75
86.15	2	1.55	26.259	0.47
86.2	2	0.81	26.274	0.25
86.25	2	1.24	26.289	0.38
86.3	2	1.93	26.304	0.59
86.35	2	1.17	26.32	0.36
86.4	2	2.17	26.335	0.66
86.45	2	1.91	26.35	0.58
86.5	2	1.58	26.365	0.48
86.55	2	1.4	26.381	0.43
86.6	2	1.55	26.396	0.47
86.65	2	2.09	26.411	0.64
86.7	2	1.21	26.426	0.37
86.75	2	2.12	26.442	0.65
86.8	2	1.63	26.457	0.5
86.85	2	1.71	26.472	0.52
86.9	2	1.74	26.487	0.53
86.95	2	0.78	26.503	0.24
87	1.5	1.49	26.518	0.45
87.05	1.25	1.06	26.533	0.32
87.1	1.62	0.66	26.548	0.2
87.15	1.81	1.02	26.564	0.31
87.2	1.91	1.08	26.579	0.33
87.25	1.95	0.6	26.594	0.18
87.3	1.98	2.41	26.609	0.73
87.35	1.99	1.58	26.625	0.48
87.4	1.99	2.13	26.64	0.65
87.45	2	2.04	26.655	0.62
87.5	2	6.67	26.67	2.03
87.55	2	3.09	26.685	0.94
87.6	2	2.63	26.701	0.8
87.65	2	1.19	26.716	0.36
87.7	2	2.03	26.731	0.62
87.75	2	2.28	26.746	0.69
87.8	2	3.24	26.762	0.99
87.85	2	1.35	26.777	0.41
87.9	2	2.88	26.792	0.88
87.95	2	1.68	26.807	0.51
88	2	2.67	26.823	0.81
88.05	2	1.54	26.838	0.47
88.1	2	2.43	26.853	0.74
88.15	1.5	2.41	26.868	0.73
88.2	1.75	0.87	26.884	0.27
88.25	1.88	0.73	26.899	0.22
88.3	1.94	1.42	26.914	0.43
88.35	1.97	1.04	26.929	0.32
88.4	1.98	1.54	26.945	0.47
88.45	1.99	3.05	26.96	0.93
88.5	2	0.91	26.975	0.28
88.55	2	1.12	26.99	0.34
88.6	2	1.33	27.006	0.41
88.65	2	2.07	27.021	0.63
88.7	2	1.18	27.036	0.36
88.75	2.5	1.04	27.051	0.32
88.8	2.25	1.46	27.066	0.44
88.85	2.12	2.36	27.082	0.72
88.9	2.06	1.21	27.097	0.37
88.95	2.03	1.41	27.112	0.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	2.02	1.52	27.127	0.46
89.05	2.01	1.96	27.143	0.6
89.1	2	2.63	27.158	0.8
89.15	2	1.12	27.173	0.34
89.2	2	1.47	27.188	0.45
89.25	2	4.25	27.204	1.29
89.3	2	2.64	27.219	0.8
89.35	2	1.33	27.234	0.4
89.4	2	1.15	27.249	0.35
89.45	2	0.75	27.265	0.23
89.5	1.5	1.38	27.28	0.42
89.55	1.75	2.67	27.295	0.81
89.6	1.88	1.94	27.31	0.59
89.65	1.94	1.63	27.326	0.5
89.7	1.97	1.87	27.341	0.57
89.75	1.48	1.72	27.356	0.52
89.8	1.74	1.44	27.371	0.44
89.85	1.87	1.45	27.387	0.44
89.9	1.44	1.74	27.402	0.53
89.95	1.22	0.82	27.417	0.25
90	1.61	2.59	27.432	0.79
90.05	1.3	1.25	27.448	0.38
90.1	1.65	2.88	27.463	0.88
90.15	1.33	1.09	27.478	0.33
90.2	1.66	1.7	27.493	0.52
90.25	1.83	1.45	27.508	0.44
90.3	1.92	2.26	27.524	0.69
90.35	1.96	2.27	27.539	0.69
90.4	1.98	3.07	27.554	0.94
90.45	1.49	2.49	27.569	0.76
90.5	1.74	2.74	27.585	0.83
90.55	1.37	2.78	27.6	0.85
90.6	1.19	2.55	27.615	0.78
90.65	1.09	2.28	27.63	0.7
90.7	1.05	1.77	27.646	0.54
90.75	1.02	2.62	27.661	0.8
90.8	1.01	2.37	27.676	0.72
90.85	1.01	1.89	27.691	0.57
90.9	1	1.92	27.707	0.59
90.95	1	2.14	27.722	0.65
91	1	2.11	27.737	0.64
91.05	1.5	2.03	27.752	0.62
91.1	5.75	2.31	27.768	0.7
91.15	8.88	3.18	27.783	0.97
91.2	11.94	1.5	27.798	0.46
91.25	13.47	1.65	27.813	0.5
91.3	14.73	3.03	27.829	0.92
91.35	16.37	2.26	27.844	0.69
91.4	16.18	2.2	27.859	0.67
91.45	16.09	2.48	27.874	0.76
91.5	16.05	2	27.889	0.61
91.55	14.52	1.49	27.905	0.45
91.6	14.26	1.39	27.92	0.42
91.65	15.63	2.06	27.935	0.63
91.7	14.82	2.48	27.95	0.76
91.75	14.91	1.51	27.966	0.46
91.8	14.95	2.9	27.981	0.88
91.85	14.98	1.75	27.996	0.53
91.9	14.99	2.89	28.011	0.88
91.95	14.49	2.04	28.027	0.62
92	14.75	2.53	28.042	0.77
92.05	14.37	1.42	28.057	0.43

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	14.69	1.84	28.072	0.56
92.15	15.34	3.34	28.088	1.02
92.2	14.67	1.61	28.103	0.49
92.25	14.84	1.28	28.118	0.39
92.3	14.92	1.78	28.133	0.54
92.35	15.46	2.52	28.149	0.77
92.4	15.23	2.28	28.164	0.69
92.45	14.61	3.98	28.179	1.21
92.5	14.31	2.1	28.194	0.64
92.55	14.15	1.97	28.21	0.6
92.6	14.08	2.09	28.225	0.64
92.65	13.54	3.18	28.24	0.97
92.7	12.27	1.1	28.255	0.33
92.75	12.13	1.49	28.271	0.45
92.8	11.57	1.96	28.286	0.6
92.85	10.28	2.48	28.301	0.76
92.9	9.64	2.82	28.316	0.86
92.95	8.82	1.74	28.331	0.53
93	9.41	1.68	28.347	0.51
93.05	9.71	1.78	28.362	0.54
93.1	9.35	2.37	28.377	0.72
93.15	8.68	2.13	28.392	0.65
93.2	8.84	2.94	28.408	0.9
93.25	8.42	1.21	28.423	0.37
93.3	8.21	2.11	28.438	0.64
93.35	8.1	3.12	28.453	0.95
93.4	8.05	2.31	28.469	0.7
93.45	8.03	3.51	28.484	1.07
93.5	8.01	1.76	28.499	0.54
93.55	8.01	2.25	28.514	0.69
93.6	8	2.62	28.53	0.8
93.65	8.5	2.05	28.545	0.62
93.7	8.25	1.39	28.56	0.42
93.75	9.13	2.96	28.575	0.9
93.8	9.56	2.51	28.591	0.76
93.85	9.78	2.45	28.606	0.75
93.9	9.89	1.2	28.621	0.37
93.95	9.95	2.38	28.636	0.73
94	9.97	2.12	28.652	0.65
94.05	9.49	2.43	28.667	0.74
94.1	9.24	2.24	28.682	0.68
94.15	8.62	2.25	28.697	0.69
94.2	8.31	2.21	28.713	0.67
94.25	8.16	2.76	28.728	0.84
94.3	7.58	1.76	28.743	0.54
94.35	7.79	1.39	28.758	0.42
94.4	7.89	1.73	28.773	0.53
94.45	7.45	3.79	28.789	1.16
94.5	7.22	1.42	28.804	0.43
94.55	7.61	1.82	28.819	0.55
94.6	7.31	2.63	28.834	0.8
94.65	7.15	3.65	28.85	1.11
94.7	7.08	2.21	28.865	0.67
94.75	7.54	1.83	28.88	0.56
94.8	8.27	1.6	28.895	0.49
94.85	9.13	1.86	28.911	0.57
94.9	11.07	2.26	28.926	0.69
94.95	12.03	2.69	28.941	0.82
95	13.02	1.78	28.956	0.54
95.05	14.01	2.76	28.972	0.84
95.1	15	2.93	28.987	0.89
95.15	14.5	1.58	29.002	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
95.2	14.25	2.36	29.017	0.72
95.25	14.63	2.55	29.033	0.78
95.3	14.31	1.92	29.048	0.59
95.35	14.66	1.44	29.063	0.44
95.4	14.33	2.06	29.078	0.63
95.45	13.66	2.09	29.094	0.64
95.5	13.83	3.16	29.109	0.96
95.55	13.42	1.84	29.124	0.56
95.6	13.21	2.77	29.139	0.85
95.65	13.6	1.47	29.154	0.45
95.7	13.8	2.76	29.17	0.84
95.75	13.9	1.9	29.185	0.58
95.8	14.45	2	29.2	0.61
95.85	14.23	1.8	29.215	0.55
95.9	14.61	2.35	29.231	0.71
95.95	13.81	1.93	29.246	0.59
96	13.9	2.68	29.261	0.82
96.05	13.45	2.35	29.276	0.72
96.1	13.23	2.63	29.292	0.8
96.15	12.61	2.56	29.307	0.78
96.2	12.81	2.43	29.322	0.74
96.25	11.9	3.03	29.337	0.92
96.3	11.95	1.79	29.353	0.55
96.35	12.48	1.86	29.368	0.57
96.4	12.24	1.77	29.383	0.54
96.45	12.12	1.92	29.398	0.59
96.5	12.06	2.51	29.414	0.76
96.55	11.53	3.12	29.429	0.95
96.6	11.76	2.71	29.444	0.83
96.65	11.38	1.7	29.459	0.52
96.7	11.19	1.55	29.475	0.47
96.75	11.1	2.4	29.49	0.73
96.8	11.55	1.68	29.505	0.51
96.85	10.77	1.93	29.52	0.59
96.9	10.89	2.26	29.536	0.69
96.95	9.94	2.33	29.551	0.71
97	9.97	1.62	29.566	0.49
97.05	9.99	1.76	29.581	0.54
97.1	9.99	1.92	29.596	0.58
97.15	10	1.78	29.612	0.54
97.2	9.5	1.99	29.627	0.61
97.25	8.25	1.92	29.642	0.59
97.3	8.62	2.98	29.657	0.91
97.35	8.81	2.74	29.673	0.84
97.4	8.41	2.49	29.688	0.76
97.45	7.7	5.02	29.703	1.53
97.5	7.35	1.48	29.718	0.45
97.55	7.68	3.3	29.734	1
97.6	7.84	1.44	29.749	0.44
97.65	7.42	4.08	29.764	1.24
97.7	7.21	3.78	29.779	1.15
97.75	7.1	3.44	29.795	1.05
97.8	7.05	1.95	29.81	0.59
97.85	6.53	1.22	29.825	0.37
97.9	6.76	1.55	29.84	0.47
97.95	6.38	0.98	29.856	0.3
98	5.69	2.3	29.871	0.7
98.05	5.35	1.6	29.886	0.49
98.1	5.67	3.19	29.901	0.97
98.15	5.34	2	29.917	0.61
98.2	5.17	2.17	29.932	0.66
98.25	5.08	2.13	29.947	0.65

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98.3	5.04	1.98	29.962	0.6
98.35	5.52	1.39	29.978	0.42
98.4	5.76	2.33	29.993	0.71
98.45	5.88	2.59	30.008	0.79
98.5	5.44	1.84	30.023	0.56
98.55	5.22	2.11	30.038	0.64
98.6	5.61	3.03	30.054	0.92
98.65	5.81	3.37	30.069	1.03
98.7	5.9	1.66	30.084	0.51
98.75	5.45	2.2	30.099	0.67
98.8	5.23	1.96	30.115	0.6
98.85	4.61	1.09	30.13	0.33
98.9	4.81	1.71	30.145	0.52
98.95	4.9	1.31	30.16	0.4
99	5.45	2.13	30.176	0.65
99.05	5.73	1.65	30.191	0.5
99.1	5.36	1.01	30.206	0.31
99.15	5.18	1.55	30.221	0.47
99.2	5.09	0.66	30.237	0.2
99.25	5.05	1.56	30.252	0.48
99.3	5.02	1.17	30.267	0.36
99.35	5.01	1.42	30.282	0.43
99.4	4.51	1.26	30.298	0.38
99.45	4.25	2.15	30.313	0.66
99.5	4.13	1.98	30.328	0.6
99.55	3.56	1.68	30.343	0.51
99.6	3.28	1.18	30.359	0.36
99.65	3.14	2.1	30.374	0.64
99.7	3.07	1.49	30.389	0.45
99.75	3.04	2.06	30.404	0.63
99.8	3.02	2.18	30.419	0.67
99.85	3.01	2.08	30.435	0.63
99.9	3	1.79	30.45	0.55
99.95	2.5	0.98	30.465	0.3
100	2.25	2.07	30.48	0.63
100.05	2.13	2.77	30.496	0.85
100.1	2.06	1.36	30.511	0.41
100.15	2.03	1.85	30.526	0.57
100.2	2.02	0.85	30.541	0.26
100.25	2.01	1.59	30.557	0.48
100.3	2.5	1.79	30.572	0.55
100.35	2.75	0.82	30.587	0.25
100.4	2.88	1.92	30.602	0.58
100.45	2.44	1.34	30.618	0.41
100.5	2.22	2.61	30.633	0.8
100.55	2.11	2	30.648	0.61
100.6	2.05	0.83	30.663	0.25
100.65	2.03	0.77	30.679	0.23
100.7	2.01	0.98	30.694	0.3
100.75	2.01	1.18	30.709	0.36
100.8	2	1.48	30.724	0.45
100.85	2	0.71	30.74	0.21
100.9	2	2.1	30.755	0.64
100.95	2	0.92	30.77	0.28
101	2	1.37	30.785	0.42
101.05	2.5	0.91	30.801	0.28
101.1	2.75	0.84	30.816	0.26
101.15	2.38	1.23	30.831	0.38
101.2	2.19	2.05	30.846	0.62
101.25	2.59	1.82	30.861	0.55
101.3	2.8	1.88	30.877	0.57
101.35	2.9	1.29	30.892	0.39

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	3.45	1.35	30.907	0.41
101.45	3.72	1.32	30.922	0.4
101.5	3.36	0.88	30.938	0.27
101.55	3.18	1.86	30.953	0.57
101.6	3.09	1.55	30.968	0.47
101.65	3.05	1.3	30.983	0.4
101.7	3.52	1.53	30.999	0.47
101.75	4.26	1.42	31.014	0.43
101.8	4.13	1.81	31.029	0.55
101.85	5.07	0.99	31.044	0.3
101.9	4.03	0.63	31.06	0.19
101.95	3.52	1.97	31.075	0.6
102	2.76	0.91	31.09	0.28
102.05	2.38	2.1	31.105	0.64
102.1	2.19	0.92	31.121	0.28
102.15	2.09	1.59	31.136	0.48
102.2	2.55	1.22	31.151	0.37
102.25	3.27	2.3	31.166	0.7
102.3	3.14	1.96	31.182	0.6
102.35	3.07	2.05	31.197	0.62
102.4	3.03	1.25	31.212	0.38
102.45	3.02	2.69	31.227	0.82
102.5	3.01	1.4	31.243	0.43
102.55	3.5	2.4	31.258	0.73
102.6	3.75	1.05	31.273	0.32
102.65	3.88	2.55	31.288	0.78
102.7	3.44	1.47	31.303	0.45
102.75	3.22	2.81	31.319	0.86
102.8	3.11	1.71	31.334	0.52
102.85	2.55	1.5	31.349	0.46
102.9	2.28	0.83	31.364	0.25
102.95	2.14	1.27	31.38	0.39
103	2.07	2.19	31.395	0.67
103.05	2.03	1.31	31.41	0.4
103.1	2.52	1.53	31.425	0.46
103.15	2.76	0.98	31.441	0.3
103.2	2.38	1.65	31.456	0.5
103.25	2.19	1	31.471	0.31
103.3	2.09	0.85	31.486	0.26
103.35	2.05	1.74	31.502	0.53
103.4	2.02	2.73	31.517	0.83
103.45	2.01	2.31	31.532	0.7
103.5	2.51	1	31.547	0.3
103.55	2.75	1.15	31.563	0.35
103.6	3.38	1.35	31.578	0.41
103.65	3.69	1.81	31.593	0.55
103.7	4.34	3.34	31.608	1.02
103.75	4.17	0.99	31.624	0.3
103.8	4.09	2.89	31.639	0.88
103.85	4.04	1.77	31.654	0.54
103.9	4.02	1.79	31.669	0.55
103.95	4.01	1.4	31.684	0.43
104	4.01	1.52	31.7	0.46
104.05	3.5	0.84	31.715	0.26
104.1	3.25	1.24	31.73	0.38
104.15	3.13	2.01	31.745	0.61
104.2	2.56	0.42	31.761	0.13
104.25	2.78	0.72	31.776	0.22
104.3	2.39	1.14	31.791	0.35
104.35	2.2	1.43	31.806	0.43
104.4	2.6	0.88	31.822	0.27
104.45	2.8	1.65	31.837	0.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	2.9	2.18	31.852	0.66
104.55	3.45	0.89	31.867	0.27
104.6	3.22	0.55	31.883	0.17
104.65	3.11	1.6	31.898	0.49
104.7	2.56	1.81	31.913	0.55
104.75	2.78	0.9	31.928	0.27
104.8	2.39	1.01	31.944	0.31
104.85	2.19	2.78	31.959	0.85
104.9	2.1	1.56	31.974	0.48
104.95	2.05	1.85	31.989	0.56
105	2.02	1.7	32.005	0.52
105.05	2.01	1.1	32.02	0.34
105.1	2.01	2.12	32.035	0.65
105.15	2	1.48	32.05	0.45
105.2	2.5	1.34	32.066	0.41
105.25	2.25	1.18	32.081	0.36
105.3	2.13	0.9	32.096	0.28
105.35	2.06	1.49	32.111	0.45
105.4	2.03	1.73	32.126	0.53
105.45	2.02	1.3	32.142	0.4
105.5	2.01	2.94	32.157	0.9
105.55	2	1.22	32.172	0.37
105.6	2	1.44	32.187	0.44
105.65	2	1.34	32.203	0.41
105.7	2	1.85	32.218	0.56
105.75	2	1	32.233	0.3
105.8	2	2.78	32.248	0.85
105.85	2	1.34	32.264	0.41
105.9	2	1.32	32.279	0.4
105.95	2	3.02	32.294	0.92
106	2	1.32	32.309	0.4
106.05	2	1.58	32.325	0.48
106.1	2	0.96	32.34	0.29
106.15	2	1.59	32.355	0.48
106.2	2	1.85	32.37	0.56
106.25	2	1.4	32.386	0.43
106.3	2	2.15	32.401	0.66
106.35	2	1.37	32.416	0.42
106.4	2	1.04	32.431	0.32
106.45	2	1.02	32.447	0.31
106.5	2	0.68	32.462	0.21
106.55	2	0.96	32.477	0.29
106.6	2	0.95	32.492	0.29
106.65	2	0.5	32.508	0.15
106.7	2	1.6	32.523	0.49
106.75	2	1.15	32.538	0.35
106.8	2.5	1.36	32.553	0.41
106.85	2.25	1.47	32.568	0.45
106.9	2.12	2.2	32.584	0.67
106.95	2.06	1.5	32.599	0.46
107	2.03	1.63	32.614	0.5
107.05	2.02	0.87	32.629	0.27
107.1	2.51	1.46	32.645	0.44
107.15	2.75	0.92	32.66	0.28
107.2	2.88	2.11	32.675	0.64
107.25	2.94	1.3	32.69	0.4
107.3	3.47	2.36	32.706	0.72
107.35	3.73	1.01	32.721	0.31
107.4	4.37	2.07	32.736	0.63
107.45	4.18	2.86	32.751	0.87
107.5	4.09	0.74	32.767	0.22
107.55	4.05	2.05	32.782	0.62

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
107.6	4.02	1.17	32.797	0.36
107.65	4.01	1.56	32.812	0.48
107.7	3.51	0.74	32.828	0.23
107.75	3.25	2.41	32.843	0.74
107.8	3.13	0.52	32.858	0.16
107.85	2.56	1.15	32.873	0.35
107.9	2.28	0.49	32.889	0.15
107.95	2.14	1.8	32.904	0.55
108	2.07	2.56	32.919	0.78
108.05	2.54	0.94	32.934	0.29
108.1	2.77	1.37	32.949	0.42
108.15	3.38	0.64	32.965	0.2
108.2	3.69	2.24	32.98	0.68
108.25	3.35	1.54	32.995	0.47
108.3	3.17	1.65	33.01	0.5
108.35	3.09	1.43	33.026	0.44
108.4	2.54	2.03	33.041	0.62
108.45	2.27	1.14	33.056	0.35
108.5	1.64	1.48	33.071	0.45
108.55	1.82	1.78	33.087	0.54
108.6	1.41	2.66	33.102	0.81
108.65	2.2	3.25	33.117	0.99
108.7	2.1	2.48	33.132	0.76
108.75	2.05	2.04	33.148	0.62
108.8	2.53	1.24	33.163	0.38
108.85	1.76	1.68	33.178	0.51
108.9	2.38	2.66	33.193	0.81
108.95	2.19	3.04	33.209	0.93
109	2.6	1.14	33.224	0.35
109.05	2.8	2.55	33.239	0.78
109.1	2.4	1.85	33.254	0.57
109.15	2.2	1.99	33.27	0.61
109.2	2.1	1.41	33.285	0.43
109.25	2.05	1.39	33.3	0.42
109.3	1.52	1.01	33.315	0.31
109.35	2.26	1.7	33.331	0.52
109.4	2.13	1.14	33.346	0.35
109.45	2.07	2.72	33.361	0.83
109.5	2.53	2	33.376	0.61
109.55	2.27	1.9	33.391	0.58
109.6	2.13	0.83	33.407	0.25
109.65	1.57	1.68	33.422	0.51
109.7	1.78	0.68	33.437	0.21
109.75	1.89	2.81	33.452	0.86
109.8	1.95	1.57	33.468	0.48
109.85	1.97	1.69	33.483	0.51
109.9	1.99	1.93	33.498	0.59
109.95	2.49	1.22	33.513	0.37
110	2.75	2.05	33.529	0.62
110.05	2.87	1.62	33.544	0.5
110.1	3.44	1.2	33.559	0.36
110.15	3.22	1.31	33.574	0.4
110.2	3.11	1.5	33.59	0.46
110.25	3.05	1.17	33.605	0.36
110.3	2.53	2.06	33.62	0.63
110.35	3.26	1.53	33.635	0.47
110.4	2.63	0.95	33.651	0.29
110.45	2.82	1.49	33.666	0.45
110.5	2.91	1.04	33.681	0.32
110.55	2.95	0.89	33.696	0.27
110.6	3.48	1.83	33.712	0.56
110.65	3.24	1.38	33.727	0.42

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	3.12	2.14	33.742	0.65
110.75	4.06	1.21	33.757	0.37
110.8	4.03	1.65	33.772	0.5
110.85	4.01	1.06	33.788	0.32
110.9	4.01	1.79	33.803	0.54
110.95	4	3.05	33.818	0.93
111	4	0.86	33.833	0.26
111.05	4	1.9	33.849	0.58
111.1	4.5	1.29	33.864	0.39
111.15	4.75	0.93	33.879	0.28
111.2	4.88	1.25	33.894	0.38
111.25	4.94	2.05	33.91	0.62
111.3	5.47	1.35	33.925	0.41
111.35	5.23	2.18	33.94	0.67
111.4	5.62	1.77	33.955	0.54
111.45	5.31	2.4	33.971	0.73
111.5	5.15	1.33	33.986	0.4
111.55	5.08	2.62	34.001	0.8
111.6	4.54	1.96	34.016	0.6
111.65	4.27	2.47	34.032	0.75
111.7	4.13	2.94	34.047	0.9
111.75	4.07	0.63	34.062	0.19
111.8	4.03	1.69	34.077	0.51
111.85	4.02	1.23	34.093	0.38
111.9	4.01	1.77	34.108	0.54
111.95	4	1.66	34.123	0.51
112	4	0.98	34.138	0.3
112.05	4	0.94	34.154	0.29
112.1	4	1.06	34.169	0.32
112.15	4	0.87	34.184	0.27
112.2	4	1.67	34.199	0.51
112.25	4	1.68	34.214	0.51
112.3	4.5	2.3	34.23	0.7
112.35	4.25	2.13	34.245	0.65
112.4	4.13	1.23	34.26	0.37
112.45	4.06	2.76	34.275	0.84
112.5	4.03	0.62	34.291	0.19
112.55	4.52	2.33	34.306	0.71
112.6	4.76	2.29	34.321	0.7
112.65	4.88	2.79	34.336	0.85
112.7	4.94	1.75	34.352	0.53
112.75	4.97	2.82	34.367	0.86
112.8	4.98	2.33	34.382	0.71
112.85	4.49	1.96	34.397	0.6
112.9	4.25	1.57	34.413	0.48
112.95	3.62	1.21	34.428	0.37
113	3.31	1.4	34.443	0.43
113.05	3.16	1.78	34.458	0.54
113.1	3.08	0.97	34.474	0.3
113.15	3.54	1.11	34.489	0.34
113.2	3.77	2.7	34.504	0.82
113.25	3.88	1.19	34.519	0.36
113.3	3.94	1.14	34.535	0.35
113.35	3.97	0.87	34.55	0.26
113.4	4.49	1.29	34.565	0.39
113.45	4.74	0.83	34.58	0.25
113.5	4.87	0.96	34.596	0.29
113.55	4.44	0.75	34.611	0.23
113.6	4.72	2.49	34.626	0.76
113.65	4.36	0.91	34.641	0.28
113.7	4.18	1.84	34.656	0.56
113.75	4.09	1.43	34.672	0.43

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113.8	4.04	2.57	34.687	0.78
113.85	4.02	1.49	34.702	0.46
113.9	3.51	1.72	34.717	0.52
113.95	3.76	1.43	34.733	0.44
114	3.88	1.56	34.748	0.48
114.05	3.94	1.49	34.763	0.45
114.1	3.97	3.8	34.778	1.16
114.15	3.98	1.82	34.794	0.56
114.2	3.99	1.63	34.809	0.5
114.25	3.5	2.7	34.824	0.82
114.3	3.25	1.48	34.839	0.45
114.35	3.12	2.12	34.855	0.65
114.4	3.06	1.79	34.87	0.55
114.45	3.03	1.83	34.885	0.56
114.5	2.52	1.06	34.9	0.32
114.55	2.76	1.23	34.916	0.38
114.6	2.88	1.62	34.931	0.49
114.65	2.44	1.41	34.946	0.43
114.7	2.22	1.68	34.961	0.51
114.75	2.11	1.99	34.977	0.61
114.8	2.05	1.75	34.992	0.53
114.85	2.53	1.58	35.007	0.48
114.9	2.76	1.27	35.022	0.39
114.95	2.88	1.86	35.037	0.57
115	2.44	1.65	35.053	0.5
115.05	2.22	2.58	35.068	0.78
115.1	2.11	2.44	35.083	0.74
115.15	2.56	2.85	35.098	0.87
115.2	2.78	1.91	35.114	0.58
115.25	2.39	2.74	35.129	0.84
115.3	2.19	2.52	35.144	0.77
115.35	2.1	2.03	35.159	0.62
115.4	2.05	1.58	35.175	0.48
115.45	3.02	0.96	35.19	0.29
115.5	3.01	1.47	35.205	0.45
115.55	3.01	1.8	35.22	0.55
115.6	3	0.66	35.236	0.2
115.65	3	1.82	35.251	0.55
115.7	3	1.2	35.266	0.36
115.75	3	1.85	35.281	0.56
115.8	3	0.95	35.297	0.29
115.85	3	2.12	35.312	0.65
115.9	3	1.07	35.327	0.32
115.95	3	0.73	35.342	0.22
116	3	1.13	35.358	0.34
116.05	3	0.65	35.373	0.2
116.1	3	1.62	35.388	0.49
116.15	3	0.76	35.403	0.23
116.2	3.5	0.58	35.419	0.18
116.25	3.75	1.14	35.434	0.35
116.3	3.38	1.69	35.449	0.51
116.35	3.19	1.62	35.464	0.49
116.4	3.09	1.46	35.479	0.44
116.45	3.05	1.82	35.495	0.56
116.5	3.52	0.81	35.51	0.25
116.55	3.76	0.78	35.525	0.24
116.6	3.88	1.17	35.54	0.36
116.65	3.44	1.88	35.556	0.57
116.7	3.22	1.21	35.571	0.37
116.75	3.11	1.34	35.586	0.41
116.8	3.06	1.12	35.601	0.34
116.85	2.53	2.1	35.617	0.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	3.26	1.33	35.632	0.41
116.95	3.13	0.71	35.647	0.22
117	3.07	1.26	35.662	0.38
117.05	3.53	2.07	35.678	0.63
117.1	3.27	2.03	35.693	0.62
117.15	2.63	1.25	35.708	0.38
117.2	2.82	1.94	35.723	0.59
117.25	2.41	1.52	35.739	0.46
117.3	2.7	1.39	35.754	0.42
117.35	2.85	1.5	35.769	0.46
117.4	2.43	0.8	35.784	0.24
117.45	2.71	1.05	35.8	0.32
117.5	3.36	2.11	35.815	0.64
117.55	3.18	1.27	35.83	0.39
117.6	3.09	1.16	35.845	0.35
117.65	3.04	1.01	35.861	0.31
117.7	2.52	0.85	35.876	0.26
117.75	2.26	1.52	35.891	0.46
117.8	2.63	1.02	35.906	0.31
117.85	2.82	4.29	35.921	1.31
117.9	2.91	0.73	35.937	0.22
117.95	2.95	3.48	35.952	1.06
118	2.98	0.83	35.967	0.25
118.05	2.99	1.73	35.982	0.53
118.1	2.99	1.47	35.998	0.45
118.15	3.5	2.03	36.013	0.62
118.2	3.75	2.54	36.028	0.77
118.25	3.87	2.04	36.043	0.62
118.3	3.94	1.35	36.059	0.41
118.35	3.47	2.15	36.074	0.66
118.4	3.23	1.82	36.089	0.56
118.45	3.12	1.11	36.104	0.34
118.5	3.06	1.06	36.12	0.32
118.55	3.03	1.18	36.135	0.36
118.6	3.01	1.82	36.15	0.56
118.65	2.51	1.16	36.165	0.35
118.7	2.25	1.33	36.181	0.41
118.75	2.13	0.97	36.196	0.29
118.8	2.06	1.21	36.211	0.37
118.85	2.03	2.28	36.226	0.69
118.9	2.02	1.24	36.242	0.38
118.95	2.01	0.59	36.257	0.18
119	2	2.77	36.272	0.84
119.05	2	2.08	36.287	0.63
119.1	2	1.72	36.302	0.52
119.15	2	0.56	36.318	0.17
119.2	2	2.35	36.333	0.72
119.25	2	1.3	36.348	0.4
119.3	2.5	2.65	36.363	0.81
119.35	2.75	1.18	36.379	0.36
119.4	2.38	1.18	36.394	0.36
119.45	2.19	1.71	36.409	0.52
119.5	1.59	1.9	36.424	0.58
119.55	1.3	0.85	36.44	0.26
119.6	1.65	1.55	36.455	0.47
119.65	1.82	0.58	36.47	0.18
119.7	2.41	0.76	36.485	0.23
119.75	3.21	0.96	36.501	0.29
119.8	3.1	1.73	36.516	0.53
119.85	3.05	0.57	36.531	0.17
119.9	3.03	1.25	36.546	0.38
119.95	3.01	1.6	36.562	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	3.01	1.11	36.577	0.34
120.05	3	1.12	36.592	0.34
120.1	3	0.89	36.607	0.27
120.15	3.5	1.22	36.623	0.37
120.2	3.75	1.23	36.638	0.37
120.25	3.88	1.43	36.653	0.44
120.3	3.44	1.22	36.668	0.37
120.35	3.22	1.6	36.684	0.49
120.4	3.11	1.52	36.699	0.46
120.45	3.05	1.06	36.714	0.32
120.5	3.03	1.34	36.729	0.41
120.55	3.01	1.27	36.744	0.39
120.6	3.51	1.79	36.76	0.55
120.65	3.75	1.72	36.775	0.52
120.7	3.38	0.75	36.79	0.23
120.75	3.69	1.22	36.805	0.37
120.8	3.34	1.54	36.821	0.47
120.85	3.17	1.36	36.836	0.42
120.9	3.09	0.85	36.851	0.26
120.95	3.04	1.24	36.866	0.38
121	2.52	1.97	36.882	0.6
121.05	2.26	1.22	36.897	0.37
121.1	1.63	0.8	36.912	0.24
121.15	1.82	0.75	36.927	0.23
121.2	2.41	1.69	36.943	0.52
121.25	2.7	1.11	36.958	0.34
121.3	3.35	1.19	36.973	0.36
121.35	3.68	1.29	36.988	0.39
121.4	3.34	2.28	37.004	0.7
121.45	3.67	1.91	37.019	0.58
121.5	3.33	1.72	37.034	0.52
121.55	3.17	1.27	37.049	0.39
121.6	3.58	1.87	37.065	0.57
121.65	3.29	0.85	37.08	0.26
121.7	3.15	1.23	37.095	0.38
121.75	3.07	1.98	37.11	0.6
121.8	3.04	1.2	37.126	0.36
121.85	3.52	2.41	37.141	0.73
121.9	3.76	1.99	37.156	0.61
121.95	3.88	1.33	37.171	0.41
122	3.44	1.49	37.186	0.45
122.05	3.72	1.14	37.202	0.35
122.1	3.86	0.95	37.217	0.29
122.15	3.43	0.89	37.232	0.27
122.2	3.21	1.23	37.247	0.37
122.25	3.61	1.67	37.263	0.51
122.3	3.3	1.29	37.278	0.39
122.35	3.15	3.04	37.293	0.93
122.4	3.08	1.22	37.308	0.37
122.45	3.04	2.98	37.324	0.91
122.5	3.02	0.98	37.339	0.3
122.55	3.01	2.57	37.354	0.78
122.6	3	2.09	37.369	0.64
122.65	3	1.37	37.385	0.42
122.7	3	1.05	37.4	0.32
122.75	3	2.6	37.415	0.79
122.8	3	1.25	37.43	0.38
122.85	3	1.45	37.446	0.44
122.9	3.5	1.9	37.461	0.58
122.95	3.25	2.22	37.476	0.68
123	3.13	2.32	37.491	0.71
123.05	3.06	2.27	37.507	0.69

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	3.03	2.67	37.522	0.81
123.15	3.02	2.09	37.537	0.64
123.2	3.01	2.35	37.552	0.72
123.25	3	1.45	37.567	0.44
123.3	3	1.96	37.583	0.6
123.35	3	1.25	37.598	0.38
123.4	3	3.25	37.613	0.99
123.45	3	3.22	37.628	0.98
123.5	3	1.87	37.644	0.57
123.55	3	1.47	37.659	0.45
123.6	3	1.97	37.674	0.6
123.65	3	1.12	37.689	0.34
123.7	3.5	1.95	37.705	0.59
123.75	3.25	1.11	37.72	0.34
123.8	3.13	3.06	37.735	0.93
123.85	3.06	0.78	37.75	0.24
123.9	3.03	2.27	37.766	0.69
123.95	3.52	1.3	37.781	0.4
124	3.26	1.38	37.796	0.42
124.05	3.13	0.9	37.811	0.27
124.1	2.56	1.18	37.827	0.36
124.15	2.28	1.85	37.842	0.56
124.2	2.14	2.26	37.857	0.69
124.25	2.07	1.82	37.872	0.55
124.3	2.04	1.79	37.888	0.55
124.35	2.52	1.69	37.903	0.52
124.4	2.76	1.76	37.918	0.54
124.45	2.88	2.09	37.933	0.64
124.5	3.44	1.91	37.949	0.58
124.55	3.22	1.37	37.964	0.42
124.6	3.11	2.24	37.979	0.68
124.65	2.55	2.32	37.994	0.71
124.7	2.28	1.6	38.009	0.49
124.75	2.14	2.15	38.025	0.66
124.8	2.57	1.47	38.04	0.45
124.85	2.78	1.54	38.055	0.47
124.9	2.89	1.29	38.07	0.39
124.95	2.95	1.94	38.086	0.59
125	2.47	0.99	38.101	0.3
125.05	2.24	3.09	38.116	0.94
125.1	2.12	2.02	38.131	0.62
125.15	2.06	1.33	38.147	0.41
125.2	2.03	1.54	38.162	0.47
125.25	2.01	3.18	38.177	0.97
125.3	2.01	2.61	38.192	0.79
125.35	2	2.26	38.208	0.69
125.4	2	2.03	38.223	0.62
125.45	2.5	3.45	38.238	1.05
125.5	2.75	2.9	38.253	0.89
125.55	2.38	2.71	38.269	0.83
125.6	2.19	3.25	38.284	0.99
125.65	2.09	1.93	38.299	0.59
125.7	2.05	2.58	38.314	0.79
125.75	1.52	3.01	38.33	0.92
125.8	1.26	3.01	38.345	0.92
125.85	1.63	3.03	38.36	0.92
125.9	1.82	2.25	38.375	0.69
125.95	1.91	3.28	38.39	1
126	1.95	2.55	38.406	0.78
126.05	1.48	2.28	38.421	0.7
126.1	1.24	3.24	38.436	0.99
126.15	1.12	2.35	38.451	0.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	1.06	2.89	38.467	0.88
126.25	1.53	2.09	38.482	0.64
126.3	2.26	3.27	38.497	1
126.35	3.13	3.64	38.512	1.11
126.4	3.07	2.83	38.528	0.86
126.45	3.03	3.25	38.543	0.99
126.5	3.02	2.68	38.558	0.82
126.55	3.01	2.05	38.573	0.62
126.6	3	4.45	38.589	1.36
126.65	3	3	38.604	0.91
126.7	2.5	2.76	38.619	0.84
126.75	2.25	3.81	38.634	1.16
126.8	2.63	3.31	38.65	1.01
126.85	2.81	4.66	38.665	1.42
126.9	2.91	2.76	38.68	0.84
126.95	2.95	3.81	38.695	1.16
127	2.98	2.96	38.711	0.9
127.05	2.49	3.51	38.726	1.07
127.1	2.74	3.98	38.741	1.21
127.15	2.87	3.4	38.756	1.04
127.2	2.94	3.75	38.772	1.14
127.25	2.97	3.23	38.787	0.99
127.3	2.98	4.09	38.802	1.25
127.35	2.99	2.99	38.817	0.91
127.4	3	1.51	38.832	0.46
127.45	3	2.87	38.848	0.87
127.5	3	4.24	38.863	1.29
127.55	3	6.16	38.878	1.88
127.6	3	3.99	38.893	1.22
127.65	3	3.56	38.909	1.09
127.7	3	1.79	38.924	0.55
127.75	3	4.03	38.939	1.23
127.8	3	3.16	38.954	0.96
127.85	3	2.91	38.97	0.89
127.9	3	2.4	38.985	0.73
127.95	3	2.86	39	0.87
128	3	2.67	39.015	0.81
128.05	3	4.4	39.031	1.34
128.1	3	2.73	39.046	0.83
128.15	3.5	4.08	39.061	1.24
128.2	3.25	2.31	39.076	0.71
128.25	3.12	3.54	39.092	1.08
128.3	3.06	2.82	39.107	0.86
128.35	3.03	2.29	39.122	0.7
128.4	3.02	3.05	39.137	0.93
128.45	3.01	2.83	39.153	0.86
128.5	3	2.35	39.168	0.72
128.55	3	1.86	39.183	0.57
128.6	3	4.19	39.198	1.28
128.65	3	2.45	39.214	0.75
128.7	3	2.77	39.229	0.84
128.75	3	1.6	39.244	0.49
128.8	3	4.09	39.259	1.25
128.85	3	1.69	39.274	0.51
128.9	3	3.82	39.29	1.17
128.95	3	1.47	39.305	0.45
129	3	2.37	39.32	0.72
129.05	3	2.2	39.335	0.67
129.1	3	2.35	39.351	0.72
129.15	3	1.82	39.366	0.55
129.2	3	4.1	39.381	1.25
129.25	3	1.76	39.396	0.54

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129.3	3	2.03	39.412	0.62
129.35	3	2.09	39.427	0.64
129.4	3	1.83	39.442	0.56
129.45	3	3.19	39.457	0.97
129.5	3	4.42	39.473	1.35
129.55	2.5	3.34	39.488	1.02
129.6	2.25	3.53	39.503	1.08
129.65	2.12	3.1	39.518	0.95
129.7	2.56	3.06	39.534	0.93
129.75	2.78	2.53	39.549	0.77
129.8	2.89	2.09	39.564	0.64
129.85	2.45	2.07	39.579	0.63
129.9	2.22	1.81	39.595	0.55
129.95	2.11	2	39.61	0.61
130	2.06	2.18	39.625	0.66
130.05	2.53	2.49	39.64	0.76
130.1	2.76	1.4	39.655	0.43
130.15	2.88	1.88	39.671	0.57
130.2	2.44	2.19	39.686	0.67
130.25	2.22	1.64	39.701	0.5
130.3	2.11	1.41	39.716	0.43
130.35	2.06	2.03	39.732	0.62
130.4	2.53	1.07	39.747	0.33
130.45	2.26	2.03	39.762	0.62
130.5	2.63	1.18	39.777	0.36
130.55	2.82	1.81	39.793	0.55
130.6	2.91	1.35	39.808	0.41
130.65	2.95	2.05	39.823	0.63
130.7	2.98	2.2	39.838	0.67
130.75	2.99	1.49	39.854	0.45
130.8	2.99	1.86	39.869	0.57
130.85	3	1.61	39.884	0.49
130.9	3.5	2.23	39.899	0.68
130.95	3.25	1.64	39.915	0.5
131	3.12	1.9	39.93	0.58
131.05	3.06	2.08	39.945	0.63
131.1	3.03	1.82	39.96	0.55
131.15	3.02	2.1	39.976	0.64
131.2	3.01	1.32	39.991	0.4
131.25	3	0.9	40.006	0.28
131.3	3	1.18	40.021	0.36
131.35	3	1.57	40.037	0.48
131.4	3	1.72	40.052	0.53
131.45	3	1.71	40.067	0.52
131.5	3	1.2	40.082	0.37
131.55	3	1.47	40.097	0.45
131.6	3	1.62	40.113	0.49
131.65	3	0.8	40.128	0.24
131.7	3	1.06	40.143	0.32
131.75	3	1.37	40.158	0.42
131.8	3.5	1.16	40.174	0.35
131.85	3.25	1.89	40.189	0.58
131.9	3.13	2.81	40.204	0.86
131.95	3.56	1.05	40.219	0.32
132	3.78	1.37	40.235	0.42
132.05	3.39	2.12	40.25	0.65
132.1	3.2	1.66	40.265	0.51
132.15	3.1	1.9	40.28	0.58
132.2	3.05	2.06	40.296	0.63
132.25	3.52	1.47	40.311	0.45
132.3	3.76	2.85	40.326	0.87
132.35	3.38	1.56	40.341	0.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	3.19	3.22	40.357	0.98
132.45	3.1	3.24	40.372	0.99
132.5	3.55	3.33	40.387	1.02
132.55	3.77	4.79	40.402	1.46
132.6	3.89	3.73	40.418	1.14
132.65	3.94	2.8	40.433	0.85
132.7	3.97	5.31	40.448	1.62
132.75	3.99	5.58	40.463	1.7
132.8	3.99	3.45	40.479	1.05
132.85	4	3.36	40.494	1.02
132.9	4	1.6	40.509	0.49
132.95	4	4.24	40.524	1.29
133	3.5	3.15	40.539	0.96
133.05	3.25	3.16	40.555	0.96
133.1	3.12	2.25	40.57	0.69
133.15	3.06	3.78	40.585	1.15
133.2	3.03	2.45	40.6	0.75
133.25	3.02	3.48	40.616	1.06
133.3	3.01	2.2	40.631	0.67
133.35	3	1.98	40.646	0.6
133.4	2.5	1.89	40.661	0.58
133.45	2.75	1.97	40.677	0.6
133.5	2.88	1.08	40.692	0.33
133.55	2.94	4.27	40.707	1.3
133.6	2.97	2.59	40.722	0.79
133.65	2.98	3.33	40.738	1.02
133.7	2.99	1.86	40.753	0.57
133.75	3	1.92	40.768	0.58
133.8	3	3.04	40.783	0.93
133.85	3	3.13	40.799	0.96
133.9	3.5	3.2	40.814	0.97
133.95	3.25	1.4	40.829	0.43
134	3.12	1.72	40.844	0.52
134.05	3.06	2.31	40.86	0.7
134.1	3.03	2.74	40.875	0.84
134.15	3.02	1.52	40.89	0.46
134.2	3.01	2.78	40.905	0.85
134.25	3	2.83	40.92	0.86
134.3	3	2.53	40.936	0.77
134.35	3	1.79	40.951	0.55
134.4	3	2.88	40.966	0.88
134.45	3.5	1.63	40.981	0.5
134.5	3.25	1.99	40.997	0.61
134.55	3.63	2.61	41.012	0.79
134.6	3.81	1.89	41.027	0.58
134.65	3.41	2.36	41.042	0.72
134.7	3.7	3.81	41.058	1.16
134.75	3.35	2.38	41.073	0.73
134.8	3.18	2.77	41.088	0.84
134.85	3.09	2.65	41.103	0.81
134.9	3.04	2.52	41.119	0.77
134.95	3.02	2.54	41.134	0.78
135	3.01	1.85	41.149	0.56
135.05	3.01	2.78	41.164	0.85
135.1	3	2.63	41.18	0.8
135.15	3	2.49	41.195	0.76
135.2	3	1.83	41.21	0.56
135.25	3	2.16	41.225	0.66
135.3	3	3.14	41.241	0.96
135.35	3	2.89	41.256	0.88
135.4	3	1.47	41.271	0.45
135.45	3	2.91	41.286	0.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	3	2.52	41.302	0.77
135.55	3	2.11	41.317	0.64
135.6	3	2.24	41.332	0.68
135.65	3	1.55	41.347	0.47
135.7	3	2.27	41.362	0.69
135.75	3	1.77	41.378	0.54
135.8	3	2.08	41.393	0.63
135.85	3	1.93	41.408	0.59
135.9	3	3.54	41.423	1.08
135.95	3	2.63	41.439	0.8
136	3	2.4	41.454	0.73
136.05	3	3.69	41.469	1.13
136.1	3	2.5	41.484	0.76
136.15	3	1.95	41.5	0.59
136.2	3	1.99	41.515	0.61
136.25	3	2.03	41.53	0.62
136.3	3	2.04	41.545	0.62
136.35	3	3.19	41.561	0.97
136.4	3.5	2.37	41.576	0.72
136.45	3.75	2.39	41.591	0.73
136.5	3.88	2.62	41.606	0.8
136.55	3.44	2.78	41.622	0.85
136.6	3.22	2.22	41.637	0.68
136.65	3.11	1.77	41.652	0.54
136.7	3.05	3.54	41.667	1.08
136.75	3.03	3.36	41.683	1.02
136.8	3.01	2.52	41.698	0.77
136.85	3.01	1.97	41.713	0.6
136.9	3	2.84	41.728	0.87
136.95	3	2.58	41.744	0.79
137	3	1.8	41.759	0.55
137.05	3	3.54	41.774	1.08
137.1	3	1.96	41.789	0.6
137.15	3	1.75	41.804	0.53
137.2	3	2.05	41.82	0.63
137.25	3	2.87	41.835	0.88
137.3	3	2.1	41.85	0.64
137.35	3	0.69	41.865	0.21
137.4	3	3.43	41.881	1.05
137.45	3	1.92	41.896	0.58
137.5	3	5.39	41.911	1.64
137.55	3	2.33	41.926	0.71
137.6	3	2.96	41.942	0.9
137.65	3	1.78	41.957	0.54
137.7	3	1.63	41.972	0.5
137.75	3	2.52	41.987	0.77
137.8	3	2.75	42.003	0.84
137.85	3	3.44	42.018	1.05
137.9	3	4.8	42.033	1.46
137.95	3	2.86	42.048	0.87
138	3	2.21	42.064	0.67
138.05	3	3.02	42.079	0.92
138.1	3	1.86	42.094	0.57
138.15	3	4.42	42.109	1.35
138.2	3	3.29	42.125	1
138.25	3	4.67	42.14	1.42
138.3	3	2.34	42.155	0.71
138.35	3	2.98	42.17	0.91
138.4	3	3.13	42.185	0.95
138.45	3	3.2	42.201	0.98
138.5	3	2.89	42.216	0.88
138.55	3	4.5	42.231	1.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	3	2.63	42.246	0.8
138.65	3	3.07	42.262	0.94
138.7	3	2.23	42.277	0.68
138.75	3	2.79	42.292	0.85
138.8	3	2.85	42.307	0.87
138.85	3	2.69	42.323	0.82
138.9	3	3.23	42.338	0.99
138.95	3	5	42.353	1.53
139	3	3.05	42.368	0.93
139.05	3	2.3	42.384	0.7
139.1	3	3.38	42.399	1.03
139.15	3	3.65	42.414	1.11
139.2	3	4.6	42.429	1.4
139.25	3	3.34	42.445	1.02
139.3	3	2.6	42.46	0.79
139.35	3	2.15	42.475	0.66
139.4	3	2.3	42.49	0.7
139.45	3	2.06	42.506	0.63
139.5	3	2.51	42.521	0.77
139.55	3	1.19	42.536	0.36
139.6	3	2.25	42.551	0.69
139.65	3	1.71	42.567	0.52
139.7	3	2.41	42.582	0.74
139.75	3	2.64	42.597	0.81
139.8	3	2.31	42.612	0.7
139.85	3	1.49	42.627	0.46
139.9	3	2.61	42.643	0.79
139.95	3	2.04	42.658	0.62
140	3	3.08	42.673	0.94
140.05	3	2.51	42.688	0.76
140.1	3	1.86	42.704	0.57
140.15	3	2.44	42.719	0.74
140.2	3	2.86	42.734	0.87
140.25	3	1.9	42.749	0.58
140.3	3	3.25	42.765	0.99
140.35	3	2.68	42.78	0.82
140.4	3	1.95	42.795	0.59
140.45	3	3.54	42.81	1.08
140.5	3	2.95	42.826	0.9
140.55	3	2.85	42.841	0.87
140.6	3	1.5	42.856	0.46
140.65	3	2.73	42.871	0.83
140.7	3	2.29	42.887	0.7
140.75	3	2.67	42.902	0.81
140.8	3	2.37	42.917	0.72
140.85	3	2.46	42.932	0.75
140.9	3	2.21	42.948	0.67
140.95	3	1.97	42.963	0.6
141	3	1.78	42.978	0.54
141.05	3	2.49	42.993	0.76
141.1	3	1.98	43.008	0.6
141.15	3	2.47	43.024	0.75
141.2	3	2.64	43.039	0.8
141.25	3	2.02	43.054	0.62
141.3	3	2.87	43.069	0.88
141.35	3	2.44	43.085	0.74
141.4	3	2.55	43.1	0.78
141.45	3	3.27	43.115	1
141.5	3	2.25	43.13	0.69
141.55	3	1.72	43.146	0.52
141.6	3	2.03	43.161	0.62
141.65	3	1.82	43.176	0.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	3	1.86	43.191	0.57
141.75	3	2.14	43.207	0.65
141.8	3	4.12	43.222	1.26
141.85	3	2.69	43.237	0.82
141.9	3	3.25	43.252	0.99
141.95	3	2.21	43.268	0.67
142	3	2.47	43.283	0.75
142.05	3	2.66	43.298	0.81
142.1	3	1.91	43.313	0.58
142.15	3	3.35	43.329	1.02
142.2	3	2.49	43.344	0.76
142.25	3	3.48	43.359	1.06
142.3	3	2.48	43.374	0.76
142.35	3	0.6	43.39	0.18
142.4	3	3.47	43.405	1.06
142.45	3	3.07	43.42	0.94
142.5	3	5.8	43.435	1.77
142.55	3	4.01	43.45	1.22
142.6	3	4.52	43.466	1.38
142.65	3	3.36	43.481	1.02
142.7	3	4.47	43.496	1.36
142.75	3	4.59	43.511	1.4
142.8	3	5.11	43.527	1.56
142.85	3	3.01	43.542	0.92
142.9	3	3.1	43.557	0.95
142.95	3	3	43.572	0.91
143	3	5.08	43.588	1.55
143.05	3	5	43.603	1.52
143.1	3	2.12	43.618	0.65
143.15	3	3.41	43.633	1.04
143.2	3	2.89	43.649	0.88
143.25	3	2.48	43.664	0.76
143.3	3	1.61	43.679	0.49
143.35	3	3.86	43.694	1.18
143.4	3	3.63	43.71	1.11
143.45	3	3.24	43.725	0.99
143.5	3	2.09	43.74	0.64
143.55	2.5	4.28	43.755	1.3
143.6	2.75	2.06	43.771	0.63
143.65	2.88	2.79	43.786	0.85
143.7	2.94	2.15	43.801	0.66
143.75	2.47	3	43.816	0.92
143.8	2.73	2.83	43.832	0.86
143.85	2.87	2.48	43.847	0.76
143.9	2.93	1.61	43.862	0.49
143.95	2.97	5.03	43.877	1.53
144	2.98	1.92	43.892	0.58
144.05	2.99	2.2	43.908	0.67
144.1	3	1.1	43.923	0.34
144.15	3	3.07	43.938	0.93
144.2	2.5	3.11	43.953	0.95
144.25	2.75	2.84	43.969	0.87
144.3	2.87	2.63	43.984	0.8
144.35	2.94	2.73	43.999	0.83
144.4	2.47	2.04	44.014	0.62
144.45	2.73	2.68	44.03	0.82
144.5	2.87	2.2	44.045	0.67
144.55	2.43	1.67	44.06	0.51
144.6	2.22	2.1	44.075	0.64
144.65	2.61	1.21	44.091	0.37
144.7	2.8	1.68	44.106	0.51
144.75	2.9	2.3	44.121	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.8	2.95	3.57	44.136	1.09
144.85	2.98	1.99	44.152	0.61
144.9	2.99	3.04	44.167	0.93
144.95	2.99	1.98	44.182	0.6
145	3	2.09	44.197	0.64
145.05	3	2.72	44.213	0.83
145.1	3	2.1	44.228	0.64
145.15	3	2.63	44.243	0.8
145.2	3	1.86	44.258	0.57
145.25	3	1.65	44.273	0.5
145.3	3	3.17	44.289	0.97
145.35	3	1.88	44.304	0.57
145.4	3	2.12	44.319	0.65
145.45	3	2.76	44.334	0.84
145.5	3	3.43	44.35	1.05
145.55	3	1.86	44.365	0.57
145.6	3	2.68	44.38	0.82
145.65	2.5	1.66	44.395	0.51
145.7	2.75	2.66	44.411	0.81
145.75	2.88	1.98	44.426	0.6
145.8	2.94	1.59	44.441	0.48
145.85	2.97	3.93	44.456	1.2
145.9	2.98	1.47	44.472	0.45
145.95	2.99	1.5	44.487	0.46
146	3	1.45	44.502	0.44
146.05	3	2.61	44.517	0.79
146.1	3	2.69	44.533	0.82
146.15	3	1.65	44.548	0.5
146.2	3	1.79	44.563	0.55
146.25	3	1.39	44.578	0.42
146.3	3	1.86	44.594	0.57
146.35	3	2.41	44.609	0.73
146.4	3	1.61	44.624	0.49
146.45	3	2.71	44.639	0.83
146.5	3	2.6	44.655	0.79
146.55	3	1.5	44.67	0.46
146.6	3	2.43	44.685	0.74
146.65	3	3.06	44.7	0.93
146.7	3	2.22	44.715	0.68
146.75	3	3.86	44.731	1.18
146.8	3	2.15	44.746	0.66
146.85	3	1.42	44.761	0.43
146.9	3	1.05	44.776	0.32
146.95	3	1.87	44.792	0.57
147	3	2.35	44.807	0.72
147.05	3	2.09	44.822	0.64
147.1	3	2.49	44.837	0.76
147.15	3	2.05	44.853	0.63
147.2	3	2.16	44.868	0.66
147.25	3	2.45	44.883	0.75
147.3	3	1.5	44.898	0.46
147.35	3	2.4	44.914	0.73
147.4	3	3.19	44.929	0.97
147.45	3	1.66	44.944	0.5
147.5	3	2.35	44.959	0.72
147.55	3	3.16	44.975	0.96
147.6	3	3.69	44.99	1.12
147.65	3	1.57	45.005	0.48
147.7	3	1.97	45.02	0.6
147.75	3	1.26	45.036	0.39
147.8	3	1.74	45.051	0.53
147.85	3	2.51	45.066	0.77

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.9	3	2.8	45.081	0.85
147.95	3	1.19	45.097	0.36
148	3	3.65	45.112	1.11
148.05	3	2.5	45.127	0.76
148.1	3	3	45.142	0.92
148.15	3	2.61	45.157	0.79
148.2	3	3	45.173	0.91
148.25	3	2.91	45.188	0.89
148.3	3	1.56	45.203	0.48
148.35	3	2.54	45.218	0.77
148.4	3	3.21	45.234	0.98
148.45	3	2.75	45.249	0.84
148.5	3	1.62	45.264	0.49
148.55	3	2.39	45.279	0.73
148.6	3	2.87	45.295	0.87
148.65	3	2.33	45.31	0.71
148.7	3	0.94	45.325	0.29
148.75	3	3.23	45.34	0.98
148.8	3	1.86	45.356	0.57
148.85	3	2.18	45.371	0.66
148.9	3	1.59	45.386	0.49
148.95	3	3.04	45.401	0.93
149	3	2.13	45.417	0.65
149.05	3	2.49	45.432	0.76
149.1	3	2.06	45.447	0.63
149.15	3	3.38	45.462	1.03
149.2	3	1.49	45.478	0.45
149.25	3	1.52	45.493	0.46
149.3	3	1.95	45.508	0.6
149.35	3	2.33	45.523	0.71
149.4	3	3.14	45.538	0.96
149.45	3	2.98	45.554	0.91
149.5	3	2.28	45.569	0.69
149.55	3	2.35	45.584	0.72
149.6	3	2.12	45.599	0.65
149.65	3	2.15	45.615	0.66
149.7	3	3.19	45.63	0.97
149.75	3	2.64	45.645	0.81
149.8	3	2.69	45.66	0.82
149.85	3	2.31	45.676	0.7
149.9	3	3	45.691	0.91
149.95	3	1.87	45.706	0.57
150	3.5	2.33	45.721	0.71
150.05	3.25	4.08	45.737	1.25
150.1	3.12	2.88	45.752	0.88
150.15	3.06	3.26	45.767	0.99
150.2	3.03	2.55	45.782	0.78
150.25	3.02	2.94	45.798	0.9
150.3	3.01	2.22	45.813	0.68
150.35	3	1.83	45.828	0.56
150.4	3	2.88	45.843	0.88
150.45	3	2.01	45.859	0.61
150.5	3	2.66	45.874	0.81
150.55	3	2.37	45.889	0.72
150.6	3	4.63	45.904	1.41
150.65	3	3.36	45.92	1.02
150.7	3	3.34	45.935	1.02
150.75	3	2.45	45.95	0.75
150.8	3	2.68	45.965	0.82
150.85	3	3.5	45.98	1.07
150.9	3	2.75	45.996	0.84
150.95	3	2.4	46.011	0.73

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	3	2.58	46.026	0.79
151.05	3	3.25	46.041	0.99
151.1	3	1.8	46.057	0.55
151.15	3	1.99	46.072	0.61
151.2	3	1.36	46.087	0.41
151.25	3	1.83	46.102	0.56
151.3	3	1.26	46.118	0.38
151.35	3	1.96	46.133	0.6
151.4	3	1.28	46.148	0.39
151.45	3	1.91	46.163	0.58
151.5	3	1.67	46.179	0.51
151.55	3	1.29	46.194	0.39
151.6	3	1.35	46.209	0.41
151.65	3	2.46	46.224	0.75
151.7	3	1.53	46.24	0.47
151.75	3	2.64	46.255	0.8
151.8	3	2.31	46.27	0.7
151.85	3	1.39	46.285	0.42
151.9	3	2.03	46.301	0.62
151.95	3	1.5	46.316	0.46
152	3	1.6	46.331	0.49
152.05	3	2.28	46.346	0.7
152.1	3	1.68	46.362	0.51
152.15	3	3.89	46.377	1.19
152.2	3	2.9	46.392	0.88
152.25	3	1.54	46.407	0.47
152.3	3	3.09	46.422	0.94
152.35	3	1.91	46.438	0.58
152.4	3	3.06	46.453	0.93
152.45	3	1.96	46.468	0.6
152.5	3	3.27	46.483	1
152.55	3	3.12	46.499	0.95
152.6	3	3.53	46.514	1.07
152.65	3	2.37	46.529	0.72
152.7	3	4.58	46.544	1.4
152.75	3	1.57	46.56	0.48
152.8	3	1.78	46.575	0.54
152.85	3	2.18	46.59	0.67
152.9	3	2.73	46.605	0.83
152.95	3	1.86	46.621	0.57
153	3	2.18	46.636	0.67
153.05	3	2.14	46.651	0.65
153.1	3	4.72	46.666	1.44
153.15	3	3.27	46.682	1
153.2	3	3.28	46.697	1
153.25	3	2.57	46.712	0.78
153.3	3	1.96	46.727	0.6
153.35	3	2.35	46.743	0.72
153.4	3	4.01	46.758	1.22
153.45	3	2.03	46.773	0.62
153.5	3	2.1	46.788	0.64
153.55	2.5	4.07	46.803	1.24
153.6	2.75	2.09	46.819	0.64
153.65	2.88	3.24	46.834	0.99
153.7	2.94	1.68	46.849	0.51
153.75	3.47	3.1	46.864	0.95
153.8	3.23	1.95	46.88	0.59
153.85	3.12	3.87	46.895	1.18
153.9	3.06	1.58	46.91	0.48
153.95	3.03	3.67	46.925	1.12
154	3.01	1.93	46.941	0.59
154.05	3.01	2.11	46.956	0.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	3	1.47	46.971	0.45
154.15	3	2.88	46.986	0.88
154.2	3	1.58	47.002	0.48
154.25	3	2.27	47.017	0.69
154.3	3	1.65	47.032	0.5
154.35	3	2.22	47.047	0.68
154.4	2.5	2.16	47.063	0.66
154.45	2.75	2.83	47.078	0.86
154.5	2.38	2.17	47.093	0.66
154.55	2.69	3.07	47.108	0.94
154.6	2.84	2.27	47.124	0.69
154.65	2.92	2.77	47.139	0.84
154.7	2.96	2.5	47.154	0.76
154.75	2.98	2.93	47.169	0.89
154.8	2.99	4.06	47.185	1.24
154.85	3	2.01	47.2	0.61
154.9	3	2	47.215	0.61
154.95	3	1.96	47.23	0.6
155	3	2.22	47.245	0.68
155.05	3	2.73	47.261	0.83
155.1	3	2.34	47.276	0.71
155.15	3	2.13	47.291	0.65
155.2	3	2.61	47.306	0.8
155.25	3	2.19	47.322	0.67
155.3	3	3.04	47.337	0.93
155.35	3	2.6	47.352	0.79
155.4	3	2.77	47.367	0.85
155.45	3.5	2.26	47.383	0.69
155.5	3.25	2.11	47.398	0.64
155.55	3.12	1.74	47.413	0.53
155.6	3.56	3.87	47.428	1.18
155.65	3.28	2.12	47.444	0.65
155.7	3.14	2.38	47.459	0.73
155.75	3.07	2.5	47.474	0.76
155.8	3.04	1.78	47.489	0.54
155.85	3.02	1.53	47.505	0.47
155.9	3.01	2.07	47.52	0.63
155.95	3	2.68	47.535	0.82
156	3	1.2	47.55	0.36
156.05	3	2.49	47.566	0.76
156.1	3	1.71	47.581	0.52
156.15	3	2.08	47.596	0.63
156.2	3	1.34	47.611	0.41
156.25	3	2.45	47.627	0.75
156.3	3	1.36	47.642	0.42
156.35	3	1.71	47.657	0.52
156.4	3	1.73	47.672	0.53
156.45	3	2.57	47.687	0.78
156.5	3	1.56	47.703	0.48
156.55	3	1.63	47.718	0.5
156.6	3	2.99	47.733	0.91
156.65	3	1.59	47.748	0.48
156.7	3	2.59	47.764	0.79
156.75	3	1.61	47.779	0.49
156.8	3	3.05	47.794	0.93
156.85	3	3.19	47.809	0.97
156.9	3	1.25	47.825	0.38
156.95	3	2.48	47.84	0.76
157	3	2.73	47.855	0.83
157.05	4	4.28	47.87	1.3
157.1	4.5	2.09	47.886	0.64
157.15	5.25	1.83	47.901	0.56

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
157.2	5.62	1.6	47.916	0.49
157.25	5.81	2.52	47.931	0.77
157.3	5.91	2.61	47.947	0.79
157.35	5.95	2.54	47.962	0.77
157.4	5.98	1.81	47.977	0.55
157.46	6.99	2.53	47.992	0.77
157.51	7.49	6.22	48.008	1.9
157.56	7.75	1.32	48.023	0.4
157.61	7.87	2.21	48.038	0.67
157.66	7.44	1.09	48.053	0.33
157.71	7.72	2.49	48.068	0.76
157.76	7.36	3.21	48.084	0.98
157.81	7.18	2.29	48.099	0.7
157.86	7.59	1.88	48.114	0.57
157.91	7.79	3.35	48.129	1.02
157.96	7.9	2.05	48.145	0.63
158.01	7.95	2.93	48.16	0.89
158.06	7.47	1.56	48.175	0.48
158.11	7.24	2.57	48.19	0.78
158.16	7.12	1.88	48.206	0.57
158.21	7.06	1.12	48.221	0.34
158.26	7.03	1.88	48.236	0.57
158.31	7.01	3.05	48.251	0.93
158.36	7.01	2.14	48.267	0.65
158.41	7	1.55	48.282	0.47
158.46	7	2.22	48.297	0.68
158.51	6.5	3.15	48.312	0.96
158.56	6.25	3.24	48.328	0.99
158.61	5.63	1.85	48.343	0.56
158.66	4.81	2.05	48.358	0.63
158.71	4.41	1.53	48.373	0.47
158.76	4.2	2.31	48.389	0.7
158.81	4.1	1.51	48.404	0.46
158.86	3.55	1.58	48.419	0.48
158.91	3.28	1.11	48.434	0.34
158.96	3.64	2.02	48.45	0.62
159.01	3.82	1.72	48.465	0.52
159.06	3.91	1.9	48.48	0.58
159.11	3.95	2.46	48.495	0.75
159.16	3.98	1.92	48.51	0.59
159.21	3.99	1.92	48.526	0.58
159.26	3.99	1.62	48.541	0.49
159.31	4	1.4	48.556	0.43
159.36	4	2.39	48.571	0.73
159.41	4	2.21	48.587	0.67
159.46	4	2.08	48.602	0.63
159.51	4	2.64	48.617	0.81
159.56	3.5	2.28	48.632	0.69
159.61	3.25	3.11	48.648	0.95
159.66	3.12	2.13	48.663	0.65
159.71	3.56	2.44	48.678	0.74
159.76	3.78	2.32	48.693	0.71
159.81	3.89	2.15	48.709	0.65
159.86	3.95	2.68	48.724	0.82
159.91	3.47	2.79	48.739	0.85
159.96	3.24	1.58	48.754	0.48
160.01	3.12	1.8	48.77	0.55
160.06	3.56	1.62	48.785	0.49
160.11	3.78	1.62	48.8	0.49
160.16	3.89	1.1	48.815	0.33
160.21	3.94	1.98	48.831	0.6
160.26	3.97	2.43	48.846	0.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
160.31	3.49	2.55	48.861	0.78
160.36	3.24	1.62	48.876	0.49
160.41	3.62	1.46	48.891	0.45
160.46	3.31	1.23	48.907	0.37
160.51	3.66	2.1	48.922	0.64
160.56	3.33	1.64	48.937	0.5
160.61	3.66	2.17	48.952	0.66
160.66	3.83	3.06	48.968	0.93
160.71	3.92	1.78	48.983	0.54
160.76	3.96	1.33	48.998	0.41
160.81	3.48	1.49	49.013	0.46
160.86	3.74	1.77	49.029	0.54
160.91	3.87	2.46	49.044	0.75
160.96	3.93	1.89	49.059	0.58
161.01	3.97	2.95	49.074	0.9
161.06	3.98	1.6	49.09	0.49
161.11	3.99	2.71	49.105	0.83
161.16	4	2.06	49.12	0.63
161.21	4	2.8	49.135	0.85
161.26	4	0.95	49.151	0.29
161.31	4	2.81	49.166	0.86
161.36	4	1.99	49.181	0.61
161.41	4	1.09	49.196	0.33
161.46	4	1.32	49.212	0.4
161.51	4	1.34	49.227	0.41
161.56	4	1.33	49.242	0.41
161.61	4	1.04	49.257	0.32
161.66	4	1.78	49.273	0.54
161.71	4	1.21	49.288	0.37
161.76	4	2.46	49.303	0.75
161.81	4	1.39	49.318	0.42
161.86	4	1.56	49.333	0.48
161.91	4	1.97	49.349	0.6
161.96	3.5	0.92	49.364	0.28
162.01	3.75	1.72	49.379	0.52
162.06	3.88	1.68	49.394	0.51
162.11	3.94	1.07	49.41	0.32
162.16	3.97	1.06	49.425	0.32
162.21	3.98	1.95	49.44	0.6
162.26	3.99	2.29	49.455	0.7
162.31	4	2.27	49.471	0.69
162.36	4	2.57	49.486	0.78
162.41	4	2.73	49.501	0.83
162.46	4	2.76	49.516	0.84
162.51	4	4.2	49.532	1.28
162.56	4	1.16	49.547	0.35
162.61	4	3.02	49.562	0.92
162.66	4	1.21	49.577	0.37
162.71	4	1.68	49.593	0.51
162.76	4	1.56	49.608	0.48
162.81	4	0.91	49.623	0.28
162.86	4	1.86	49.638	0.57
162.91	4	1.78	49.654	0.54
162.96	4	1.42	49.669	0.43
163.01	4	0.61	49.684	0.19
163.06	4	2.17	49.699	0.66
163.11	4	2.99	49.715	0.91
163.16	4	1.66	49.73	0.51
163.21	4	1.08	49.745	0.33
163.26	3.5	0.9	49.76	0.27
163.31	3.25	2.78	49.775	0.85
163.36	3.12	1.97	49.791	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
163.41	3.06	1.41	49.806	0.43
163.46	3.03	1.35	49.821	0.41
163.51	3.02	1	49.836	0.3
163.56	3.01	0.73	49.852	0.22
163.61	3	1.66	49.867	0.51
163.66	3	1.37	49.882	0.42
163.71	3	2.02	49.897	0.62
163.76	3	1.78	49.913	0.54
163.81	3.5	1.79	49.928	0.55
163.86	3.25	3.72	49.943	1.13
163.91	3.13	1.14	49.958	0.35
163.96	3.06	1.66	49.974	0.51
164.01	3.03	2.71	49.989	0.83
164.06	3.02	2.24	50.004	0.68
164.11	3.01	1.34	50.019	0.41
164.16	3.5	2.34	50.035	0.71
164.21	3.75	2.65	50.05	0.81
164.26	3.88	1.74	50.065	0.53
164.31	3.44	0.82	50.08	0.25
164.36	3.22	1.84	50.096	0.56
164.41	3.61	2.17	50.111	0.66
164.46	3.3	0.5	50.126	0.15
164.51	3.15	0.58	50.141	0.18
164.56	3.08	1.06	50.156	0.32
164.61	3.54	0.97	50.172	0.29
164.66	3.27	2.67	50.187	0.81
164.71	3.63	0.99	50.202	0.3
164.76	3.32	2.1	50.217	0.64
164.81	3.66	1.83	50.233	0.56
164.86	3.33	2.19	50.248	0.67
164.91	3.16	1.12	50.263	0.34
164.96	4.08	1.44	50.278	0.44
165.01	4.04	1.43	50.294	0.43
165.06	3.52	1.92	50.309	0.59
165.11	4.26	0.95	50.324	0.29
165.16	4.13	1.07	50.339	0.33
165.21	3.07	1.39	50.355	0.42
165.26	3.53	1.8	50.37	0.55
165.31	3.77	0.76	50.385	0.23
165.36	3.38	0.64	50.4	0.19
165.41	3.69	1.92	50.416	0.58
165.46	3.35	1.43	50.431	0.44
165.51	3.17	1.81	50.446	0.55
165.56	2.59	0.9	50.461	0.27
165.61	2.79	1.26	50.477	0.38
165.66	2.4	1.71	50.492	0.52
165.71	2.7	1.03	50.507	0.31
165.76	2.85	2.24	50.522	0.68
165.81	2.92	1.66	50.538	0.51
165.86	2.96	1.24	50.553	0.38
165.91	2.48	1.6	50.568	0.49
165.96	2.74	1.11	50.583	0.34
166.01	2.87	1.86	50.598	0.57
166.06	3.44	2.65	50.614	0.81
166.11	3.22	1.86	50.629	0.57
166.16	3.11	3.13	50.644	0.95
166.21	3.05	1.3	50.659	0.4
166.26	3.53	2.35	50.675	0.71
166.31	3.26	2.2	50.69	0.67
166.36	3.13	2.6	50.705	0.79
166.41	3.07	2.05	50.72	0.62
166.46	3.03	0.86	50.736	0.26

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
166.51	3.02	1.14	50.751	0.35
166.56	3.01	2.45	50.766	0.75
166.61	2.5	1.98	50.781	0.6
166.66	2.75	1.56	50.797	0.48
166.71	2.38	1.39	50.812	0.42
166.76	2.19	1.62	50.827	0.49
166.81	2.09	2.2	50.842	0.67
166.86	2.55	1.05	50.858	0.32
166.91	2.77	1.61	50.873	0.49
166.96	2.89	2.69	50.888	0.82
167.01	2.94	1.96	50.903	0.6
167.06	2.97	1.51	50.919	0.46
167.11	2.49	1.27	50.934	0.39
167.16	2.74	2.07	50.949	0.63
167.21	2.87	2.01	50.964	0.61
167.26	2.94	2.12	50.98	0.65
167.31	2.97	0.85	50.995	0.26
167.36	2.98	2.24	51.01	0.68
167.41	2.99	1.95	51.025	0.6
167.46	3	1.56	51.04	0.47
167.51	3	2.51	51.056	0.76
167.56	3	1.31	51.071	0.4
167.61	3	1.49	51.086	0.45
167.66	3	1.97	51.101	0.6
167.71	3	1.67	51.117	0.51
167.76	3	4.54	51.132	1.38
167.81	3	2.66	51.147	0.81
167.86	3	1.87	51.162	0.57
167.91	3	2.02	51.178	0.62
167.96	3	2.1	51.193	0.64
168.01	3.5	3.13	51.208	0.95
168.06	3.75	1.79	51.223	0.54
168.11	3.87	3.24	51.239	0.99
168.16	3.94	1.26	51.254	0.38
168.21	3.97	1.75	51.269	0.53
168.26	3.98	1.64	51.284	0.5
168.31	3.49	2.05	51.3	0.62
168.36	3.25	2	51.315	0.61
168.41	3.12	0.9	51.33	0.27
168.46	3.06	1.33	51.345	0.41
168.51	3.03	2.45	51.361	0.75
168.56	3.02	1.01	51.376	0.31
168.61	2.51	2.24	51.391	0.68
168.66	2.75	1.54	51.406	0.47
168.71	2.88	2.75	51.421	0.84
168.76	3.44	1.49	51.437	0.45
168.81	3.72	3.13	51.452	0.95
168.86	3.86	1.51	51.467	0.46
168.91	3.93	1.95	51.482	0.59
168.96	3.96	2.94	51.498	0.9
169.01	3.98	2.47	51.513	0.75
169.06	3.99	1.72	51.528	0.53
169.11	3.5	2.21	51.543	0.67
169.16	3.25	2.35	51.559	0.72
169.21	3.12	1.11	51.574	0.34
169.26	3.06	1.66	51.589	0.51
169.31	3.03	1.36	51.604	0.41
169.36	3.02	1.72	51.62	0.52
169.41	3.01	2.27	51.635	0.69
169.46	3	1.07	51.65	0.33
169.51	3	1.74	51.665	0.53
169.56	3	2.38	51.681	0.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
169.61	3	1.41	51.696	0.43
169.66	3	1.41	51.711	0.43
169.71	3	1.3	51.726	0.4
169.76	3	1.44	51.742	0.44
169.81	3	1.03	51.757	0.31
169.86	3	1.43	51.772	0.43
169.91	3	1.07	51.787	0.33
169.96	3	4.48	51.803	1.37
170.01	3	1.75	51.818	0.53
170.06	3	2.09	51.833	0.64
170.11	3	2.72	51.848	0.83
170.16	3	1.85	51.863	0.56
170.21	3	1.93	51.879	0.59
170.26	3	3.96	51.894	1.21
170.31	3	1.91	51.909	0.58
170.36	3	2.2	51.924	0.67
170.41	3	1.35	51.94	0.41
170.46	3	1.75	51.955	0.53
170.51	3	1.91	51.97	0.58
170.56	3	1.94	51.985	0.59
170.61	3	2.33	52.001	0.71
170.66	3	2.14	52.016	0.65
170.71	3	1.16	52.031	0.35
170.76	3	2.15	52.046	0.65
170.81	3	1.95	52.062	0.59
170.86	3	2.25	52.077	0.69
170.91	3	1.96	52.092	0.6
170.96	3	1.52	52.107	0.46
171.01	3	1.67	52.123	0.51
171.06	3	1.94	52.138	0.59
171.11	3	1.58	52.153	0.48
171.16	3	1.9	52.168	0.58
171.21	3	1.67	52.184	0.51
171.26	3	2.35	52.199	0.72
171.31	3	2.39	52.214	0.73
171.36	3	1.47	52.229	0.45
171.41	3	2.88	52.245	0.88
171.46	3	1.87	52.26	0.57
171.51	3	1.8	52.275	0.55
171.56	3	1.12	52.29	0.34
171.61	3	2.01	52.305	0.61

US EPA ARCHIVE DOCUMENT

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 13:33

LOG END DEPTH: 119.803 FEET

LOG END TIME: Fri Jun 06 2008 16:48

US EPA ARCHIVE DOCUMENT

TS2-06

DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	1.5	2.04	0	0.62
0.05	1.75	3.82	0.015	1.16
0.1	2.38	3.77	0.03	1.15
0.15	5.19	5.56	0.046	1.69
0.2	15.59	6.18	0.061	1.88
0.25	20.3	6.75	0.076	2.06
0.3	12.15	6.3	0.091	1.92
0.35	29.57	7.67	0.107	2.34
0.4	27.79	7.91	0.122	2.41
0.45	21.89	5.83	0.137	1.78
0.5	18.45	7.71	0.152	2.35
0.55	20.22	9.18	0.168	2.8
0.6	20.11	9.74	0.183	2.97
0.65	25.06	9.47	0.198	2.89
0.7	23.03	11.74	0.213	3.58
0.75	44.51	10.97	0.229	3.34
0.8	61.26	10.99	0.244	3.35
0.85	71.63	11.63	0.259	3.54
0.9	90.31	10.97	0.274	3.34
0.95	60.66	7.3	0.29	2.23
1	48.83	8.75	0.305	2.67
1.05	35.91	10.27	0.32	3.13
1.1	36.46	9.77	0.335	2.98
1.15	91.23	10.77	0.351	3.28
1.2	84.61	10.65	0.366	3.25
1.25	70.31	11.76	0.381	3.59
1.3	66.65	8.79	0.396	2.68
1.35	53.33	7.55	0.411	2.3
1.4	45.66	7.89	0.427	2.4
1.45	55.83	11.09	0.442	3.38
1.5	45.42	9.4	0.457	2.86
1.55	39.21	8.75	0.472	2.67
1.6	38.6	8.77	0.488	2.67
1.65	42.3	9.34	0.503	2.85
1.7	56.65	7.61	0.518	2.32
1.75	44.83	8.6	0.533	2.62
1.8	37.41	8.61	0.549	2.62
1.85	30.71	10.02	0.564	3.05
1.9	27.85	10.17	0.579	3.1
1.95	29.43	9.35	0.594	2.85
2	28.71	9.99	0.61	3.04
2.05	29.36	9.28	0.625	2.83
2.1	28.68	10.46	0.64	3.19
2.15	28.84	10.55	0.655	3.21

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	26.92	8.7	0.671	2.65
2.25	24.96	6.55	0.686	2
2.3	23.98	14.37	0.701	4.38
2.35	23.49	13.18	0.716	4.02
2.4	23.24	12.15	0.732	3.7
2.45	23.12	15.08	0.747	4.6
2.5	23.06	17.33	0.762	5.28
2.55	23.03	15.49	0.777	4.72
2.6	23.02	16.17	0.792	4.93
2.65	23.01	7.36	0.808	2.24
2.7	23	9.43	0.823	2.87
2.75	22.5	3.58	0.838	1.09
2.8	22.75	4.35	0.853	1.33
2.85	25.38	3.19	0.869	0.97
2.9	13.69	5.28	0.884	1.61
2.95	9.34	4.65	0.899	1.42
3	45.67	4.16	0.914	1.27
3.05	28.84	1.93	0.93	0.59
3.1	19.42	5.3	0.945	1.61
3.15	35.71	4.85	0.96	1.48
3.2	44.85	8.6	0.975	2.62
3.25	39.43	11.97	0.991	3.65
3.3	27.21	9.6	1.006	2.93
3.35	23.11	16.92	1.021	5.16
3.4	22.55	14.98	1.036	4.57
3.45	22.28	13.39	1.052	4.08
3.5	22.14	13.76	1.067	4.19
3.55	23.57	16	1.082	4.88
3.6	24.78	18.86	1.097	5.75
3.65	26.89	16.21	1.113	4.94
3.7	28.95	15.98	1.128	4.87
3.75	30.47	15.42	1.143	4.7
3.8	30.74	15.74	1.158	4.8
3.85	30.87	17.11	1.173	5.22
3.9	32.43	17.37	1.189	5.3
3.95	35.22	17.17	1.204	5.23
4	43.61	21.35	1.219	6.51
4.05	44.8	18.57	1.234	5.66
4.1	46.9	20.14	1.25	6.14
4.15	51.45	19.34	1.265	5.89
4.2	46.23	19.57	1.28	5.96
4.25	40.61	18.44	1.295	5.62
4.3	37.31	20.5	1.311	6.25
4.35	37.15	17.3	1.326	5.27
4.4	44.08	20.15	1.341	6.14
4.45	40.54	18.11	1.356	5.52
4.5	37.27	16.5	1.372	5.03
4.55	35.13	17.32	1.387	5.28
4.6	34.07	14.79	1.402	4.51
4.65	34.03	19.21	1.417	5.86
4.7	34.02	16.07	1.433	4.9
4.75	34.51	16.49	1.448	5.03
4.8	37.25	18.03	1.463	5.5
4.85	36.13	16.29	1.478	4.96
4.9	35.06	18.47	1.494	5.63
4.95	37.03	21.31	1.509	6.5
5	35.02	17.67	1.524	5.39
5.05	33.01	18.24	1.539	5.56
5.1	33	18.1	1.554	5.52
5.15	32.5	18.88	1.57	5.75
5.2	33.25	18.33	1.585	5.59
5.25	34.13	20.48	1.6	6.24

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	34.56	17.99	1.615	5.48
5.35	34.28	18.21	1.631	5.55
5.4	34.14	19.41	1.646	5.92
5.45	33.07	20.21	1.661	6.16
5.5	33.04	18.95	1.676	5.78
5.55	33.02	19.55	1.692	5.96
5.6	32.51	19.79	1.707	6.03
5.65	31.25	21.27	1.722	6.48
5.7	30.63	18.86	1.737	5.75
5.75	30.31	17.1	1.753	5.21
5.8	30.66	17.8	1.768	5.42
5.85	31.33	21.57	1.783	6.58
5.9	31.66	17.93	1.798	5.47
5.95	31.33	17.14	1.814	5.23
6	30.67	18.36	1.829	5.6
6.05	30.33	16.56	1.844	5.05
6.1	29.17	18.1	1.859	5.52
6.15	28.58	18.76	1.875	5.72
6.2	28.29	18.63	1.89	5.68
6.25	29.15	18.51	1.905	5.64
6.3	30.07	19.85	1.92	6.05
6.35	30.54	19.1	1.935	5.82
6.4	30.77	18.13	1.951	5.53
6.45	29.88	18.47	1.966	5.63
6.5	29.44	19.57	1.981	5.96
6.55	29.22	18.49	1.996	5.63
6.6	29.11	18.84	2.012	5.74
6.65	28.56	18.94	2.027	5.77
6.7	28.28	19.44	2.042	5.93
6.75	28.64	19.23	2.057	5.86
6.8	28.82	19.13	2.073	5.83
6.85	28.91	18.65	2.088	5.68
6.9	28.45	19.95	2.103	6.08
6.95	28.23	18.29	2.118	5.58
7	28.11	18.42	2.134	5.61
7.05	28.06	18.76	2.149	5.72
7.1	28.03	18.05	2.164	5.5
7.15	27.51	18.29	2.179	5.57
7.2	27.76	17.56	2.195	5.35
7.25	27.88	18.55	2.21	5.65
7.3	27.94	17.59	2.225	5.36
7.35	27.97	18.27	2.24	5.57
7.4	27.98	17.59	2.256	5.36
7.45	27.99	18.88	2.271	5.75
7.5	27.5	18.63	2.286	5.68
7.55	27.25	17.74	2.301	5.41
7.6	26.62	19.02	2.316	5.8
7.65	26.31	18.36	2.332	5.6
7.7	27.16	7.61	2.347	2.32
7.75	27.58	4.54	2.362	1.38
7.8	27.79	4.9	2.377	1.49
7.85	28.39	5.77	2.393	1.76
7.9	29.2	8.77	2.408	2.67
7.95	28.6	9.67	2.423	2.95
8	28.3	8.09	2.438	2.47
8.05	27.65	10.26	2.454	3.13
8.1	27.32	9.43	2.469	2.88
8.15	27.16	12.42	2.484	3.79
8.2	27.58	9.93	2.499	3.03
8.25	27.79	8.8	2.515	2.68
8.3	27.4	8.9	2.53	2.71
8.35	26.7	5.55	2.545	1.69

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	25.85	6.84	2.56	2.08
8.45	25.42	6.74	2.576	2.05
8.5	24.71	6.97	2.591	2.12
8.55	24.36	8.29	2.606	2.53
8.6	24.18	8.92	2.621	2.72
8.65	24.09	13.49	2.637	4.11
8.7	24.04	12.91	2.652	3.94
8.75	24.52	13.79	2.667	4.2
8.8	24.26	20.86	2.682	6.36
8.85	24.13	15.43	2.697	4.7
8.9	24.57	17.08	2.713	5.21
8.95	25.28	20.14	2.728	6.14
9	25.64	22.21	2.743	6.77
9.05	26.32	19.29	2.758	5.88
9.1	27.16	19.92	2.774	6.07
9.15	27.08	19.78	2.789	6.03
9.2	27.04	19.93	2.804	6.07
9.25	27.02	19.44	2.819	5.92
9.3	26.51	22.24	2.835	6.78
9.35	26.76	20.11	2.85	6.13
9.4	26.88	23.5	2.865	7.16
9.45	26.44	21.34	2.88	6.5
9.5	26.22	19.89	2.896	6.06
9.55	25.11	21.76	2.911	6.63
9.6	24.55	21.01	2.926	6.4
9.65	23.78	18.65	2.941	5.68
9.7	23.39	17.19	2.957	5.24
9.75	23.19	18.69	2.972	5.7
9.8	23.1	18.73	2.987	5.71
9.85	23.05	18.17	3.002	5.54
9.9	23.52	19.61	3.018	5.98
9.95	23.26	21.44	3.033	6.53
10	23.13	19.73	3.048	6.01
10.05	22.57	21.03	3.063	6.41
10.1	22.28	20.82	3.078	6.35
10.15	22.64	22.1	3.094	6.74
10.2	23.32	19.38	3.109	5.91
10.25	23.66	23.21	3.124	7.07
10.3	23.83	18.95	3.139	5.78
10.35	23.42	19.96	3.155	6.08
10.4	23.21	21.99	3.17	6.7
10.45	23.1	21.93	3.185	6.69
10.5	23.55	20.51	3.2	6.25
10.55	23.78	21.19	3.216	6.46
10.6	23.89	20.67	3.231	6.3
10.65	23.94	21.73	3.246	6.62
10.7	23.97	19.74	3.261	6.02
10.75	23.99	18.94	3.277	5.77
10.8	23.99	20.63	3.292	6.29
10.85	24	20.87	3.307	6.36
10.9	24	17.82	3.322	5.43
10.95	24	19.57	3.338	5.96
11	23.5	19.87	3.353	6.06
11.05	23.25	19.15	3.368	5.84
11.1	23.12	18.89	3.383	5.76
11.15	23.06	19.67	3.399	5.99
11.2	23.03	18.9	3.414	5.76
11.25	23.02	19.57	3.429	5.97
11.3	23.01	20.16	3.444	6.14
11.35	23	19.38	3.459	5.91
11.4	23.5	19.96	3.475	6.08
11.45	23.75	20.13	3.49	6.13

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	23.88	21.84	3.505	6.66
11.55	23.94	19.71	3.52	6.01
11.6	24.47	20.73	3.536	6.32
11.65	24.23	20.43	3.551	6.23
11.7	24.12	19.52	3.566	5.95
11.75	24.56	20.02	3.581	6.1
11.8	24.78	19.42	3.597	5.92
11.85	24.89	19.7	3.612	6
11.9	24.94	20.49	3.627	6.25
11.95	24.97	19.77	3.642	6.03
12	24.99	20.05	3.658	6.11
12.05	24.99	19.07	3.673	5.81
12.1	25	3.15	3.688	0.96
12.15	25	5.01	3.703	1.53
12.2	24.5	7.74	3.719	2.36
12.25	24.25	10.16	3.734	3.1
12.3	24.12	12.31	3.749	3.75
12.35	24.56	13.93	3.764	4.25
12.4	24.78	14.21	3.78	4.33
12.45	25.39	15.44	3.795	4.7
12.5	25.7	16.79	3.81	5.12
12.55	25.85	17.35	3.825	5.29
12.6	25.92	18.13	3.84	5.52
12.65	25.96	17.43	3.856	5.31
12.7	25.98	1.22	3.871	0.37
12.75	25.99	6.66	3.886	2.03
12.8	26	5.15	3.901	1.57
12.85	26	6.01	3.917	1.83
12.9	25.5	6.51	3.932	1.98
12.95	25.75	10.46	3.947	3.19
13	26.37	8.71	3.962	2.66
13.05	26.69	13.75	3.978	4.19
13.1	27.34	15.78	3.993	4.81
13.15	27.17	18.05	4.008	5.5
13.2	26.59	16.91	4.023	5.15
13.25	25.79	19.77	4.039	6.03
13.3	25.4	19.62	4.054	5.98
13.35	25.2	21.88	4.069	6.67
13.4	25.1	19.09	4.084	5.82
13.45	24.55	18.65	4.1	5.68
13.5	24.27	20.06	4.115	6.12
13.55	24.64	24.68	4.13	7.52
13.6	24.82	15.34	4.145	4.67
13.65	24.91	19.46	4.161	5.93
13.7	24.95	19.18	4.176	5.84
13.75	24.48	18.7	4.191	5.7
13.8	24.74	24.64	4.206	7.51
13.85	24.37	18.19	4.221	5.54
13.9	24.18	19.75	4.237	6.02
13.95	24.09	18.99	4.252	5.79
14	24.05	22.3	4.267	6.8
14.05	24.02	19.25	4.282	5.87
14.1	24.01	22.23	4.298	6.78
14.15	24.01	20.21	4.313	6.16
14.2	24	21.39	4.328	6.52
14.25	24	19.75	4.343	6.02
14.3	24	22.24	4.359	6.78
14.35	24	19.58	4.374	5.97
14.4	24	23.13	4.389	7.05
14.45	24	19.29	4.404	5.88
14.5	24	18.89	4.42	5.76
14.55	23.5	20.27	4.435	6.18

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	23.25	22.29	4.45	6.8
14.65	23.13	19.84	4.465	6.05
14.7	23.06	20.13	4.481	6.14
14.75	22.53	19.77	4.496	6.03
14.8	22.27	16.07	4.511	4.9
14.85	22.63	20.37	4.526	6.21
14.9	22.32	17.19	4.542	5.24
14.95	22.16	16.93	4.557	5.16
15	22.08	17.64	4.572	5.38
15.05	22.04	21.85	4.587	6.66
15.1	22.02	19.08	4.602	5.82
15.15	22.01	19.1	4.618	5.82
15.2	22	19.51	4.633	5.95
15.25	22	20.87	4.648	6.36
15.3	22.5	18.67	4.663	5.69
15.35	22.25	19.17	4.679	5.84
15.4	22.63	18.93	4.694	5.77
15.45	22.81	20.42	4.709	6.23
15.5	22.91	19.57	4.724	5.96
15.55	22.95	20.92	4.74	6.38
15.6	22.98	20.36	4.755	6.21
15.65	22.49	20.44	4.77	6.23
15.7	22.74	19.93	4.785	6.07
15.75	22.87	18.98	4.801	5.79
15.8	23.44	19.63	4.816	5.98
15.85	23.72	19.23	4.831	5.86
15.9	23.36	19.08	4.846	5.82
15.95	23.18	20.44	4.862	6.23
16	23.09	18.06	4.877	5.51
16.05	23.04	20.03	4.892	6.1
16.1	23.02	18.1	4.907	5.52
16.15	23.01	18.95	4.923	5.78
16.2	23.01	17.65	4.938	5.38
16.25	23	17.6	4.953	5.36
16.3	23	17.72	4.968	5.4
16.35	23.5	17.56	4.983	5.35
16.4	23.75	17.82	4.999	5.43
16.45	24.38	19.57	5.014	5.96
16.5	24.69	18.88	5.029	5.75
16.55	24.84	19.26	5.044	5.87
16.6	24.92	19.15	5.06	5.84
16.65	24.96	18.58	5.075	5.66
16.7	24.98	19.19	5.09	5.85
16.75	24.49	18.59	5.105	5.67
16.8	24.75	19.54	5.121	5.96
16.85	24.37	19.11	5.136	5.82
16.9	24.69	20.19	5.151	6.15
16.95	24.84	19.35	5.166	5.9
17	24.42	18.62	5.182	5.68
17.05	24.21	18.73	5.197	5.71
17.1	24.11	19.38	5.212	5.91
17.15	24.05	18.78	5.227	5.72
17.2	24.03	18.54	5.243	5.65
17.25	24.01	18.64	5.258	5.68
17.3	24.01	18.8	5.273	5.73
17.35	24.5	18.82	5.288	5.74
17.4	24.75	18.91	5.304	5.76
17.45	24.88	18.5	5.319	5.64
17.5	24.44	18.56	5.334	5.66
17.55	24.22	18.13	5.349	5.53
17.6	24.61	18.05	5.364	5.5
17.65	24.3	18.77	5.38	5.72

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	24.65	0.86	5.395	0.26
17.75	24.83	8.17	5.41	2.49
17.8	24.91	5.67	5.425	1.73
17.85	24.96	6.52	5.441	1.99
17.9	24.98	11.24	5.456	3.42
17.95	24.99	16.04	5.471	4.89
18	24.99	15.43	5.486	4.7
18.05	25	18.47	5.502	5.63
18.1	25	17.92	5.517	5.46
18.15	24.5	18.12	5.532	5.52
18.2	23.75	19.17	5.547	5.84
18.25	23.37	21.78	5.563	6.64
18.3	23.19	21.45	5.578	6.54
18.35	23.09	23.31	5.593	7.1
18.4	23.05	20.95	5.608	6.39
18.45	23.02	21.98	5.624	6.7
18.5	22.51	21.46	5.639	6.54
18.55	21.26	19.42	5.654	5.92
18.6	20.63	20.92	5.669	6.38
18.65	20.31	19.93	5.685	6.08
18.7	19.66	21.15	5.7	6.45
18.75	19.33	17.21	5.715	5.24
18.8	18.66	17.02	5.73	5.19
18.85	18.33	17.67	5.745	5.39
18.9	17.67	20.13	5.761	6.13
18.95	17.33	19.28	5.776	5.88
19	17.17	24.01	5.791	7.32
19.05	17.08	18.7	5.806	5.7
19.1	17.04	20.08	5.822	6.12
19.15	17.02	19.45	5.837	5.93
19.2	17.01	19.82	5.852	6.04
19.25	17.01	19.03	5.867	5.8
19.3	17	22	5.883	6.7
19.35	17	19.59	5.898	5.97
19.4	16.5	23.64	5.913	7.21
19.45	15.75	20.64	5.928	6.29
19.5	15.38	19.71	5.944	6.01
19.55	15.19	21.07	5.959	6.42
19.6	15.09	23.32	5.974	7.11
19.65	15.55	21.14	5.989	6.44
19.7	15.77	21.2	6.005	6.46
19.75	15.89	20.41	6.02	6.22
19.8	16.44	18.8	6.035	5.73
19.85	16.22	17.14	6.05	5.22
19.9	16.11	22.49	6.066	6.86
19.95	15.56	19.64	6.081	5.99
20	15.78	15.81	6.096	4.82
20.05	15.39	18.68	6.111	5.7
20.1	15.69	19.04	6.126	5.8
20.15	15.85	18.09	6.142	5.51
20.2	15.92	19.71	6.157	6.01
20.25	16.46	21.53	6.172	6.56
20.3	16.23	19.32	6.187	5.89
20.35	16.62	19.24	6.203	5.86
20.4	16.81	19.62	6.218	5.98
20.45	17.4	19.15	6.233	5.84
20.5	17.2	20.63	6.248	6.29
20.55	16.6	21.35	6.264	6.51
20.6	16.3	18.86	6.279	5.75
20.65	16.15	21.89	6.294	6.67
20.7	16.58	20.31	6.309	6.19
20.75	17.29	21.86	6.325	6.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	17.64	19.81	6.34	6.04
20.85	17.32	19.33	6.355	5.89
20.9	16.66	20.13	6.37	6.14
20.95	16.83	20.8	6.386	6.34
21	17.92	20.76	6.401	6.33
21.05	18.46	19.98	6.416	6.09
21.1	18.23	18.28	6.431	5.57
21.15	18.61	19.45	6.447	5.93
21.2	20.31	18.67	6.462	5.69
21.25	21.65	17.81	6.477	5.43
21.3	22.33	18.36	6.492	5.6
21.35	23.66	16.89	6.507	5.15
21.4	23.83	16.19	6.523	4.94
21.45	23.92	15.51	6.538	4.73
21.5	24.96	14.98	6.553	4.56
21.55	27.48	8.46	6.568	2.58
21.6	29.74	10.06	6.584	3.07
21.65	30.87	10.84	6.599	3.31
21.7	30.93	10.96	6.614	3.34
21.75	30.97	10.53	6.629	3.21
21.8	30.48	11.15	6.645	3.4
21.85	28.74	11.44	6.66	3.49
21.9	28.37	10.01	6.675	3.05
21.95	27.69	9.12	6.69	2.78
22	25.84	10.52	6.706	3.21
22.05	26.92	11.3	6.721	3.44
22.1	26.96	11.53	6.736	3.52
22.15	26.48	10.5	6.751	3.2
22.2	26.74	10.2	6.767	3.11
22.25	26.87	10.13	6.782	3.09
22.3	26.94	10.8	6.797	3.29
22.35	26.97	11.95	6.812	3.64
22.4	26.98	12.03	6.828	3.67
22.45	27.49	11.4	6.843	3.48
22.5	27.75	11.83	6.858	3.61
22.55	27.87	12.15	6.873	3.7
22.6	27.94	12.73	6.888	3.88
22.65	28.97	11.2	6.904	3.41
22.7	29.48	0.52	6.919	0.16
22.75	29.74	6.24	6.934	1.9
22.8	30.37	6.38	6.949	1.94
22.85	30.69	6.47	6.965	1.97
22.9	31.34	6.62	6.98	2.02
22.95	31.67	7.84	6.995	2.39
23	31.84	6.58	7.01	2.01
23.05	31.42	9.07	7.026	2.76
23.1	30.71	6.15	7.041	1.87
23.15	30.35	9.15	7.056	2.79
23.2	30.18	11.43	7.071	3.48
23.25	30.09	14.61	7.087	4.45
23.3	30.04	14.23	7.102	4.34
23.35	30.52	19.84	7.117	6.05
23.4	30.76	17.42	7.132	5.31
23.45	30.38	20.05	7.148	6.11
23.5	30.19	17.98	7.163	5.48
23.55	29.6	19.56	7.178	5.96
23.6	29.3	19.37	7.193	5.9
23.65	30.15	19.5	7.208	5.94
23.7	30.07	21.04	7.224	6.41
23.75	29.04	22.58	7.239	6.88
23.8	28.02	20.98	7.254	6.39
23.85	25.51	17.91	7.269	5.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	25.75	21.77	7.285	6.64
23.95	26.38	15.75	7.3	4.8
24	27.19	17.58	7.315	5.36
24.05	27.59	16.91	7.33	5.15
24.1	27.8	20.91	7.346	6.37
24.15	27.9	19.13	7.361	5.83
24.2	25.95	20.78	7.376	6.33
24.25	25.47	19.18	7.391	5.85
24.3	25.74	18.67	7.407	5.69
24.35	25.87	19.42	7.422	5.92
24.4	24.93	19.04	7.437	5.8
24.45	24.47	19.27	7.452	5.87
24.5	23.73	19.37	7.468	5.9
24.55	24.37	19.58	7.483	5.97
24.6	25.18	22.98	7.498	7.01
24.65	25.59	20.59	7.513	6.27
24.7	25.8	21.45	7.529	6.54
24.75	24.9	21.35	7.544	6.51
24.8	25.45	21.86	7.559	6.66
24.85	26.22	20.08	7.574	6.12
24.9	26.61	19.04	7.589	5.8
24.95	27.31	21.11	7.605	6.43
25	27.65	17.59	7.62	5.36
25.05	27.83	20.33	7.635	6.2
25.1	27.91	20.12	7.65	6.13
25.15	27.46	16.11	7.666	4.91
25.2	26.73	13.66	7.681	4.16
25.25	25.86	13.29	7.696	4.05
25.3	25.43	13.65	7.711	4.16
25.35	25.22	12.41	7.727	3.78
25.4	25.61	12.86	7.742	3.92
25.45	25.8	13.53	7.757	4.12
25.5	25.4	12.95	7.772	3.95
25.55	25.2	13.08	7.788	3.99
25.6	25.1	12.92	7.803	3.94
25.65	25.05	13.88	7.818	4.23
25.7	24.53	12.93	7.833	3.94
25.75	23.76	14.18	7.849	4.32
25.8	23.38	13.75	7.864	4.19
25.85	22.19	13.84	7.879	4.22
25.9	21.1	12.76	7.894	3.89
25.95	20.05	12.85	7.91	3.92
26	20.52	11.52	7.925	3.51
26.05	20.26	13.28	7.94	4.05
26.1	20.13	11.74	7.955	3.58
26.15	20.57	12.29	7.97	3.75
26.2	21.28	12.09	7.986	3.68
26.25	21.64	11.72	8.001	3.57
26.3	21.82	11.22	8.016	3.42
26.35	21.91	12.26	8.031	3.74
26.4	22.46	11.09	8.047	3.38
26.45	22.73	10.83	8.062	3.3
26.5	22.86	9.8	8.077	2.99
26.55	23.43	10.85	8.092	3.31
26.6	24.22	10.44	8.108	3.18
26.65	25.61	10.55	8.123	3.21
26.7	25.3	11.05	8.138	3.37
26.75	24.65	11.1	8.153	3.38
26.8	21.33	10.37	8.169	3.16
26.85	18.16	9.43	8.184	2.88
26.9	16.58	8.38	8.199	2.55
26.95	16.29	7.22	8.214	2.2

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	16.15	7.57	8.23	2.31
27.05	16.07	7.8	8.245	2.38
27.1	16.54	7.2	8.26	2.2
27.15	16.77	7.5	8.275	2.29
27.2	16.88	6.34	8.291	1.93
27.25	18.44	6.4	8.306	1.95
27.3	20.72	6.5	8.321	1.98
27.35	22.36	7.27	8.336	2.21
27.4	22.68	7.04	8.351	2.15
27.45	22.84	5.2	8.367	1.58
27.5	23.42	5.6	8.382	1.71
27.55	24.21	5.64	8.397	1.72
27.6	25.11	4.72	8.412	1.44
27.65	25.55	3.36	8.428	1.03
27.7	25.28	0	8.443	0
27.75	25.14	1.35	8.458	0.41
27.8	25.57	5.07	8.473	1.55
27.85	25.78	7.24	8.489	2.21
27.9	25.39	7.72	8.504	2.35
27.95	25.7	9.43	8.519	2.87
28	26.35	6.87	8.534	2.1
28.05	26.17	9.23	8.55	2.81
28.1	26.59	7.37	8.565	2.25
28.15	26.29	10.11	8.58	3.08
28.2	26.15	7.77	8.595	2.37
28.25	25.57	9.09	8.611	2.77
28.3	25.29	11.24	8.626	3.43
28.35	25.14	10.82	8.641	3.3
28.4	24.57	10.37	8.656	3.16
28.45	24.79	7.53	8.672	2.3
28.5	24.89	8.31	8.687	2.53
28.55	23.95	11.59	8.702	3.53
28.6	22.97	11.36	8.717	3.46
28.65	22.99	8.42	8.732	2.57
28.7	22.99	9.5	8.748	2.9
28.75	22.5	10.63	8.763	3.24
28.8	22.75	10.63	8.778	3.24
28.85	23.37	6.08	8.793	1.85
28.9	23.69	8.39	8.809	2.56
28.95	24.84	6.54	8.824	1.99
29	25.42	8.08	8.839	2.46
29.05	25.71	6.43	8.854	1.96
29.1	25.86	7.08	8.87	2.16
29.15	26.43	7.08	8.885	2.16
29.2	26.71	6.68	8.9	2.04
29.25	26.36	6.74	8.915	2.06
29.3	26.68	6.97	8.931	2.12
29.35	26.84	6.54	8.946	1.99
29.4	27.42	7	8.961	2.13
29.45	27.71	6.28	8.976	1.91
29.5	27.85	5.85	8.992	1.78
29.55	27.43	6.34	9.007	1.93
29.6	27.21	7.45	9.022	2.27
29.65	26.61	6.51	9.037	1.98
29.7	24.8	6.82	9.053	2.08
29.75	23.4	6.7	9.068	2.04
29.8	23.7	8.27	9.083	2.52
29.85	24.35	6.85	9.098	2.09
29.9	25.18	6.86	9.113	2.09
29.95	26.59	6.46	9.129	1.97
30	27.79	7.4	9.144	2.26
30.05	27.9	6.48	9.159	1.98

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	27.95	5.64	9.174	1.72
30.15	28.47	6.17	9.19	1.88
30.2	27.74	4.64	9.205	1.41
30.25	27.87	5.74	9.22	1.75
30.3	27.93	5.15	9.235	1.57
30.35	28.47	4.9	9.251	1.49
30.4	28.73	4.8	9.266	1.46
30.45	29.87	6.05	9.281	1.84
30.5	29.93	5.78	9.296	1.76
30.55	29.97	5.5	9.312	1.68
30.6	30.48	5.84	9.327	1.78
30.65	30.74	5.83	9.342	1.78
30.7	30.87	6.28	9.357	1.91
30.75	30.94	6.33	9.373	1.93
30.8	30.97	6.37	9.388	1.94
30.85	30.98	6.87	9.403	2.09
30.9	30.49	7.1	9.418	2.16
30.95	30.25	6.79	9.434	2.07
31	30.12	6.88	9.449	2.1
31.05	29.56	7.75	9.464	2.36
31.1	29.78	6.78	9.479	2.07
31.15	29.39	7.23	9.494	2.2
31.2	28.7	7.57	9.51	2.31
31.25	28.35	6.47	9.525	1.97
31.3	28.17	5.6	9.54	1.71
31.35	28.09	6.41	9.555	1.95
31.4	27.54	5.45	9.571	1.66
31.45	26.27	4.77	9.586	1.45
31.5	25.14	5.57	9.601	1.7
31.55	25.07	4.97	9.616	1.52
31.6	25.53	5.75	9.632	1.75
31.65	26.27	6.53	9.647	1.99
31.7	27.13	6.36	9.662	1.94
31.75	27.57	6.05	9.677	1.84
31.8	28.28	6.1	9.693	1.86
31.85	29.14	7.07	9.708	2.15
31.9	31.07	7.8	9.723	2.38
31.95	35.04	7.68	9.738	2.34
32	32.52	7.34	9.754	2.24
32.05	30.26	8.05	9.769	2.45
32.1	27.13	7.84	9.784	2.39
32.15	24.06	8.09	9.799	2.47
32.2	23.03	8	9.814	2.44
32.25	23.52	8.45	9.83	2.58
32.3	23.76	8.54	9.845	2.6
32.35	24.38	7.43	9.86	2.27
32.4	24.69	8.19	9.875	2.5
32.45	25.34	7.26	9.891	2.21
32.5	25.17	7.27	9.906	2.22
32.55	25.09	7.43	9.921	2.26
32.6	25.04	7.98	9.936	2.43
32.65	25.02	5.48	9.952	1.67
32.7	25.51	4.03	9.967	1.23
32.75	25.76	9.13	9.982	2.78
32.8	25.88	5.9	9.997	1.8
32.85	26.44	5.4	10.013	1.65
32.9	26.72	8.78	10.028	2.67
32.95	27.36	10.01	10.043	3.05
33	27.68	4.72	10.058	1.44
33.05	28.34	5.9	10.074	1.8
33.1	28.67	6.5	10.089	1.98
33.15	28.33	11	10.104	3.35

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	27.67	8.64	10.119	2.63
33.25	27.33	12.49	10.135	3.81
33.3	27.17	13.36	10.15	4.07
33.35	27.08	18.78	10.165	5.72
33.4	27.54	12.05	10.18	3.67
33.45	27.77	10.4	10.195	3.17
33.5	27.89	9.53	10.211	2.9
33.55	27.44	13.35	10.226	4.07
33.6	26.72	12.81	10.241	3.91
33.65	26.86	11.8	10.256	3.6
33.7	26.43	13.93	10.272	4.25
33.75	26.72	9.47	10.287	2.89
33.8	26.36	12.75	10.302	3.89
33.85	24.68	13.23	10.317	4.03
33.9	24.34	10.19	10.333	3.11
33.95	24.17	8.22	10.348	2.51
34	24.58	10.06	10.363	3.06
34.05	25.29	8.34	10.378	2.54
34.1	24.65	8.57	10.394	2.61
34.15	23.82	9.55	10.409	2.91
34.2	23.91	9.44	10.424	2.88
34.25	23.96	9.83	10.439	3
34.3	23.98	10.28	10.455	3.13
34.35	24.49	9.66	10.47	2.95
34.4	24.74	12.79	10.485	3.9
34.45	24.87	11.13	10.5	3.39
34.5	24.94	10.44	10.516	3.18
34.55	24.97	10.09	10.531	3.08
34.6	24.48	13.17	10.546	4.02
34.65	24.24	10.15	10.561	3.09
34.7	23.62	11.78	10.576	3.59
34.75	23.31	10.57	10.592	3.22
34.8	23.66	11.09	10.607	3.38
34.85	23.83	11.13	10.622	3.39
34.9	23.91	10.69	10.637	3.26
34.95	23.96	8.97	10.653	2.73
35	23.98	9.18	10.668	2.8
35.05	23.99	7.65	10.683	2.33
35.1	23.99	9.36	10.698	2.85
35.15	24	7.87	10.714	2.4
35.2	24.5	8.78	10.729	2.67
35.25	24.25	8.4	10.744	2.56
35.3	24.12	7.98	10.759	2.43
35.35	24.06	7.37	10.775	2.25
35.4	24.03	7.41	10.79	2.26
35.45	24.02	7.35	10.805	2.24
35.5	24.01	7.77	10.82	2.37
35.55	23.5	8.68	10.836	2.65
35.6	23.25	8.69	10.851	2.65
35.65	23.13	7.17	10.866	2.19
35.7	23.06	7.28	10.881	2.22
35.75	23.03	7.32	10.897	2.23
35.8	23.02	8.07	10.912	2.46
35.85	22.51	7.42	10.927	2.26
35.9	22.25	8.4	10.942	2.56
35.95	22.13	7.41	10.957	2.26
36	21.56	7.66	10.973	2.33
36.05	21.28	8.22	10.988	2.51
36.1	21.64	7.69	11.003	2.34
36.15	21.32	7.41	11.018	2.26
36.2	21.16	8.71	11.034	2.66
36.25	21.08	9.23	11.049	2.81

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	21.04	7.88	11.064	2.4
36.35	20.52	7.48	11.079	2.28
36.4	20.26	6.51	11.095	1.99
36.45	20.13	7.35	11.11	2.24
36.5	19.57	6.83	11.125	2.08
36.55	19.28	5.65	11.14	1.72
36.6	19.14	7.2	11.156	2.19
36.65	19.57	6.68	11.171	2.04
36.7	20.29	6.09	11.186	1.86
36.75	20.64	6.99	11.201	2.13
36.8	20.82	8.35	11.217	2.55
36.85	20.91	7.55	11.232	2.3
36.9	20.96	7.19	11.247	2.19
36.95	20.98	7.2	11.262	2.2
37	20.99	7.55	11.278	2.3
37.05	21.49	7.2	11.293	2.2
37.1	21.75	6.8	11.308	2.07
37.15	21.87	6.61	11.323	2.01
37.2	21.44	7.21	11.338	2.2
37.25	21.72	7.68	11.354	2.34
37.3	21.86	7.5	11.369	2.29
37.35	22.43	6.27	11.384	1.91
37.4	22.71	6.17	11.399	1.88
37.45	22.86	7.15	11.415	2.18
37.5	23.43	7.77	11.43	2.37
37.55	23.71	6.3	11.445	1.92
37.6	24.36	6.35	11.46	1.94
37.65	24.18	6.05	11.476	1.85
37.7	23.09	3.85	11.491	1.17
37.75	22.54	6.42	11.506	1.96
37.8	21.77	4.24	11.521	1.29
37.85	21.89	7.96	11.537	2.43
37.9	21.94	4.71	11.552	1.43
37.95	21.97	6.47	11.567	1.97
38	22.49	6.22	11.582	1.9
38.05	22.74	7.08	11.598	2.16
38.1	23.37	7.75	11.613	2.36
38.15	24.19	7.78	11.628	2.37
38.2	24.09	8.14	11.643	2.48
38.25	24.05	8.73	11.659	2.66
38.3	23.02	6.71	11.674	2.05
38.35	21.01	9.47	11.689	2.89
38.4	19.51	8.08	11.704	2.46
38.45	18.25	8.05	11.719	2.45
38.5	17.63	6.95	11.735	2.12
38.55	18.31	9.52	11.75	2.9
38.6	19.66	8.07	11.765	2.46
38.65	19.33	8.27	11.78	2.52
38.7	19.16	6.93	11.796	2.11
38.75	19.08	7.63	11.811	2.32
38.8	19.04	7.81	11.826	2.38
38.85	19.52	7.45	11.841	2.27
38.9	19.76	7.34	11.857	2.24
38.95	20.88	6.28	11.872	1.91
39	20.94	7.74	11.887	2.36
39.05	19.97	4.71	11.902	1.44
39.1	19.49	6.33	11.918	1.93
39.15	19.74	3.76	11.933	1.15
39.2	19.87	5.54	11.948	1.69
39.25	20.44	5.47	11.963	1.67
39.3	21.22	5.98	11.979	1.82
39.35	22.11	6.33	11.994	1.93

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	24.55	5.77	12.009	1.76
39.45	26.78	6.24	12.024	1.9
39.5	27.89	5.88	12.04	1.79
39.55	28.44	5.6	12.055	1.71
39.6	29.22	6.12	12.07	1.87
39.65	28.61	5.27	12.085	1.61
39.7	28.31	6.81	12.1	2.08
39.75	29.15	5.14	12.116	1.57
39.8	29.08	6.46	12.131	1.97
39.85	29.04	5.76	12.146	1.76
39.9	29.52	7.69	12.161	2.35
39.95	28.76	5.57	12.177	1.7
40	27.88	5.85	12.192	1.78
40.05	26.44	6.13	12.207	1.87
40.1	25.22	6.56	12.222	2
40.15	26.61	6.42	12.238	1.96
40.2	26.8	6.81	12.253	2.08
40.25	26.9	5.58	12.268	1.7
40.3	27.95	5.1	12.283	1.56
40.35	28.48	4.85	12.299	1.48
40.4	28.24	3.18	12.314	0.97
40.45	27.62	4.24	12.329	1.29
40.5	27.31	4.59	12.344	1.4
40.55	26.15	4.69	12.36	1.43
40.6	25.58	5.03	12.375	1.53
40.65	24.79	5.63	12.39	1.72
40.7	23.89	4.4	12.405	1.34
40.75	24.45	5.15	12.42	1.57
40.8	25.22	4.85	12.436	1.48
40.85	25.11	4.92	12.451	1.5
40.9	25.56	5.04	12.466	1.53
40.95	26.28	5.12	12.481	1.56
41	26.14	4.67	12.497	1.42
41.05	26.57	4.97	12.512	1.52
41.1	26.28	4.85	12.527	1.48
41.15	26.14	5.22	12.542	1.59
41.2	25.57	4.77	12.558	1.45
41.25	24.79	6.35	12.573	1.93
41.3	24.39	4.84	12.588	1.48
41.35	24.7	5.04	12.603	1.54
41.4	24.35	4.68	12.619	1.43
41.45	23.67	4.94	12.634	1.51
41.5	23.34	5.19	12.649	1.58
41.55	23.17	6.52	12.664	1.99
41.6	23.58	4.86	12.68	1.48
41.65	23.79	3.35	12.695	1.02
41.7	24.9	3.41	12.71	1.04
41.75	24.95	4.95	12.725	1.51
41.8	24.97	4.45	12.741	1.36
41.85	25.49	3.9	12.756	1.19
41.9	25.74	3.9	12.771	1.19
41.95	26.37	3.71	12.786	1.13
42	26.19	4.46	12.801	1.36
42.05	26.59	3.55	12.817	1.08
42.1	27.3	5.35	12.832	1.63
42.15	27.65	3.84	12.847	1.17
42.2	28.32	4.06	12.862	1.24
42.25	28.66	3.37	12.878	1.03
42.3	29.33	4.09	12.893	1.25
42.35	29.17	3.23	12.908	0.98
42.4	28.58	4.41	12.923	1.35
42.45	27.79	3.37	12.939	1.03

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	26.9	3.83	12.954	1.17
42.55	26.95	4.89	12.969	1.49
42.6	27.47	3.41	12.984	1.04
42.65	27.74	2.76	13	0.84
42.7	27.87	1.62	13.015	0.49
42.75	27.93	5.55	13.03	1.69
42.8	27.47	3.29	13.045	1
42.85	26.73	3.01	13.061	0.92
42.9	25.87	2.34	13.076	0.71
42.95	25.43	3.97	13.091	1.21
43	26.22	2.04	13.106	0.62
43.05	25.61	3.73	13.122	1.14
43.1	24.8	4.7	13.137	1.43
43.15	24.4	4.9	13.152	1.49
43.2	24.2	4.11	13.167	1.25
43.25	25.1	3.86	13.182	1.18
43.3	26.05	3.58	13.198	1.09
43.35	27.03	5.63	13.213	1.72
43.4	27.51	3.79	13.228	1.15
43.45	28.26	5.29	13.243	1.61
43.5	29.13	3.49	13.259	1.06
43.55	32.56	8.95	13.274	2.73
43.6	35.28	4.27	13.289	1.3
43.65	37.64	5.29	13.304	1.61
43.7	38.82	6.38	13.32	1.95
43.75	39.41	9.24	13.335	2.82
43.8	39.21	4.77	13.35	1.45
43.85	39.6	6.4	13.365	1.95
43.9	40.3	4.94	13.381	1.5
43.95	41.65	3.77	13.396	1.15
44	41.83	5.02	13.411	1.53
44.05	41.91	3.33	13.426	1.01
44.1	41.96	3.53	13.442	1.08
44.15	41.98	2.66	13.457	0.81
44.2	41.99	6.99	13.472	2.13
44.25	41.49	2.21	13.487	0.67
44.3	40.25	3.43	13.503	1.05
44.35	39.62	2.84	13.518	0.86
44.4	40.31	4.17	13.533	1.27
44.45	42.66	3.41	13.548	1.04
44.5	45.33	2.5	13.563	0.76
44.55	45.16	3.2	13.579	0.98
44.6	39.58	4.87	13.594	1.48
44.65	34.79	3.23	13.609	0.98
44.7	29.9	3.6	13.624	1.1
44.75	27.95	3.46	13.64	1.05
44.8	27.47	4.8	13.655	1.46
44.85	27.74	3.63	13.67	1.11
44.9	28.37	4.31	13.685	1.31
44.95	28.68	5.93	13.701	1.81
45	30.34	6.53	13.716	1.99
45.05	32.67	3.67	13.731	1.12
45.1	34.84	5.2	13.746	1.59
45.15	36.42	3.37	13.762	1.03
45.2	37.71	3.63	13.777	1.11
45.25	37.85	4.69	13.792	1.43
45.3	37.93	3.72	13.807	1.13
45.35	38.46	3.25	13.823	0.99
45.4	39.23	4.53	13.838	1.38
45.45	39.12	4.25	13.853	1.3
45.5	39.06	3.01	13.868	0.92
45.55	38.53	4.41	13.884	1.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	38.76	3.36	13.899	1.02
45.65	38.38	3.91	13.914	1.19
45.7	38.19	5.2	13.929	1.59
45.75	38.1	5.01	13.944	1.53
45.8	37.55	4.47	13.96	1.36
45.85	37.27	5.41	13.975	1.65
45.9	37.64	3.97	13.99	1.21
45.95	37.82	3.76	14.005	1.14
46	37.41	3.85	14.021	1.17
46.05	37.2	4.36	14.036	1.33
46.1	37.1	5.36	14.051	1.63
46.15	37.05	5.08	14.066	1.55
46.2	37.03	4.25	14.082	1.3
46.25	36.51	5.97	14.097	1.82
46.3	36.26	4.73	14.112	1.44
46.35	35.63	5.3	14.127	1.62
46.4	36.31	5.6	14.143	1.71
46.45	34.66	5.48	14.158	1.67
46.5	33.33	4.61	14.173	1.41
46.55	31.66	3.9	14.188	1.19
46.6	31.33	3.5	14.204	1.07
46.65	32.17	3.54	14.219	1.08
46.7	33.08	3.91	14.234	1.19
46.75	33.54	3.71	14.249	1.13
46.8	33.77	4.57	14.265	1.39
46.85	33.39	3.44	14.28	1.05
46.9	32.69	3.52	14.295	1.07
46.95	33.85	3.95	14.31	1.2
47	33.92	4.32	14.325	1.32
47.05	34.46	4.96	14.341	1.51
47.1	34.73	3.15	14.356	0.96
47.15	35.37	3.88	14.371	1.18
47.2	34.68	3.82	14.386	1.16
47.25	34.84	4.6	14.402	1.4
47.3	34.92	3.93	14.417	1.2
47.35	34.96	3.7	14.432	1.13
47.4	34.98	5.49	14.447	1.67
47.45	34.99	4.81	14.463	1.47
47.5	35	4.42	14.478	1.35
47.55	34.5	3.84	14.493	1.17
47.6	34.25	3.47	14.508	1.06
47.65	33.62	2.83	14.524	0.86
47.7	32.81	1.19	14.539	0.36
47.75	32.41	4.85	14.554	1.48
47.8	31.7	4.95	14.569	1.51
47.85	31.85	6.69	14.585	2.04
47.9	32.43	5.06	14.6	1.54
47.95	32.71	5.13	14.615	1.56
48	32.36	3.69	14.63	1.13
48.05	32.18	3.14	14.646	0.96
48.1	32.09	3.21	14.661	0.98
48.15	32.04	4.33	14.676	1.32
48.2	32.02	4.61	14.691	1.4
48.25	32.01	7.13	14.706	2.17
48.3	32.01	4.53	14.722	1.38
48.35	31.5	5.13	14.737	1.56
48.4	30.75	4.6	14.752	1.4
48.45	30.38	4.71	14.767	1.44
48.5	30.19	4.85	14.783	1.48
48.55	30.09	8.21	14.798	2.5
48.6	30.05	5.98	14.813	1.82
48.65	30.02	4.73	14.828	1.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	29.51	3.81	14.844	1.16
48.75	29.26	7.35	14.859	2.24
48.8	29.13	6.25	14.874	1.91
48.85	29.06	7.69	14.889	2.34
48.9	29.03	5.32	14.905	1.62
48.95	29.02	4.21	14.92	1.28
49	29.51	6.03	14.935	1.84
49.05	29.25	5.14	14.95	1.57
49.1	29.13	6.91	14.966	2.11
49.15	29.56	4.47	14.981	1.36
49.2	29.28	5.76	14.996	1.76
49.25	29.14	4.1	15.011	1.25
49.3	29.07	4.44	15.026	1.35
49.35	29.04	3.74	15.042	1.14
49.4	29.02	4.97	15.057	1.51
49.45	29.01	4.68	15.072	1.43
49.5	29	4.4	15.087	1.34
49.55	29.5	4.22	15.103	1.29
49.6	29.75	4.68	15.118	1.43
49.65	29.88	4.75	15.133	1.45
49.7	29.94	4.31	15.148	1.31
49.75	29.97	5.08	15.164	1.55
49.8	29.98	5.44	15.179	1.66
49.85	29.99	5.76	15.194	1.75
49.9	30	6.08	15.209	1.85
49.95	30	5.6	15.225	1.71
50	30	6.12	15.24	1.87
50.05	30.5	5.36	15.255	1.63
50.1	30.75	6.49	15.27	1.98
50.15	30.87	6.13	15.286	1.87
50.2	30.94	5.66	15.301	1.73
50.25	30.47	5.42	15.316	1.65
50.3	30.23	5.9	15.331	1.8
50.35	30.12	5.47	15.347	1.67
50.4	30.06	7.07	15.362	2.16
50.45	30.03	5.92	15.377	1.8
50.5	29.51	7.5	15.392	2.28
50.55	29.26	4.25	15.407	1.29
50.6	29.63	3.8	15.423	1.16
50.65	29.81	4.02	15.438	1.23
50.7	29.91	5.34	15.453	1.63
50.75	29.45	4.32	15.468	1.32
50.8	29.23	4.99	15.484	1.52
50.85	29.11	4.72	15.499	1.44
50.9	29.06	4.25	15.514	1.3
50.95	29.03	5.3	15.529	1.62
51	29.01	4.18	15.545	1.28
51.05	28.51	5	15.56	1.52
51.1	28.25	5.16	15.575	1.57
51.15	28.13	5.74	15.59	1.75
51.2	28.06	4.63	15.606	1.41
51.25	28.03	4.18	15.621	1.27
51.3	27.52	4.5	15.636	1.37
51.35	27.26	3.82	15.651	1.16
51.4	27.13	4.33	15.667	1.32
51.45	27.06	5.4	15.682	1.64
51.5	26.53	4.76	15.697	1.45
51.55	26.27	4.74	15.712	1.45
51.6	25.63	4.5	15.728	1.37
51.65	25.32	4.59	15.743	1.4
51.7	25.16	5.61	15.758	1.71
51.75	25.08	3.92	15.773	1.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	24.54	3.95	15.788	1.2
51.85	23.77	3.49	15.804	1.06
51.9	23.88	3.94	15.819	1.2
51.95	23.94	4.26	15.834	1.3
52	23.97	3.82	15.849	1.16
52.05	23.99	3.67	15.865	1.12
52.1	23.49	3.71	15.88	1.13
52.15	23.25	3.34	15.895	1.02
52.2	23.12	3.14	15.91	0.96
52.25	23.06	4.81	15.926	1.47
52.3	23.03	3.4	15.941	1.04
52.35	22.52	3.05	15.956	0.93
52.4	22.76	3.72	15.971	1.13
52.45	22.38	5.75	15.987	1.75
52.5	22.19	4.1	16.002	1.25
52.55	22.59	4.87	16.017	1.49
52.6	22.8	3.7	16.032	1.13
52.65	22.9	1.95	16.048	0.6
52.7	22.45	2.14	16.063	0.65
52.75	22.22	5.23	16.078	1.59
52.8	22.11	5.08	16.093	1.55
52.85	21.56	4.28	16.109	1.31
52.9	22.28	3.45	16.124	1.05
52.95	21.64	7.08	16.139	2.16
53	21.32	8.51	16.154	2.6
53.05	21.16	3.37	16.169	1.03
53.1	21.08	2.81	16.185	0.86
53.15	21.04	4.62	16.2	1.41
53.2	21.52	3.88	16.215	1.18
53.25	22.76	4.83	16.23	1.47
53.3	21.88	3.5	16.246	1.07
53.35	21.44	4.83	16.261	1.47
53.4	20.72	3.58	16.276	1.09
53.45	21.36	3.84	16.291	1.17
53.5	21.18	3.82	16.307	1.16
53.55	21.09	5.23	16.322	1.59
53.6	20.55	5.14	16.337	1.57
53.65	20.27	3.59	16.352	1.09
53.7	19.64	5.6	16.368	1.71
53.75	18.82	9.42	16.383	2.87
53.8	18.41	4.92	16.398	1.5
53.85	17.7	7.86	16.413	2.4
53.9	16.85	6.03	16.429	1.84
53.95	15.43	7.17	16.444	2.19
54	15.21	4.98	16.459	1.52
54.05	15.11	4.42	16.474	1.35
54.1	15.05	4.66	16.49	1.42
54.15	15.53	3.12	16.505	0.95
54.2	16.26	6.44	16.52	1.96
54.25	17.13	4.89	16.535	1.49
54.3	17.57	3.23	16.55	0.98
54.35	17.28	3.07	16.566	0.94
54.4	17.64	4.7	16.581	1.43
54.45	17.32	5.23	16.596	1.59
54.5	17.16	3.54	16.611	1.08
54.55	17.08	3.35	16.627	1.02
54.6	17.04	3.87	16.642	1.18
54.65	17.52	3.43	16.657	1.04
54.7	17.26	3.46	16.672	1.05
54.75	16.63	3.49	16.688	1.06
54.8	16.32	3.04	16.703	0.93
54.85	16.16	3.14	16.718	0.96

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	16.08	4.01	16.733	1.22
54.95	16.04	3.36	16.749	1.02
55	16.02	6.86	16.764	2.09
55.05	16.01	2.69	16.779	0.82
55.1	15	4.67	16.794	1.42
55.15	14	3.11	16.81	0.95
55.2	13	2.87	16.825	0.87
55.25	11.5	3.45	16.84	1.05
55.3	10.75	2.27	16.855	0.69
55.35	10.38	2.61	16.871	0.79
55.4	10.19	6.44	16.886	1.96
55.45	10.59	2.5	16.901	0.76
55.5	11.3	1.91	16.916	0.58
55.55	11.65	1.98	16.931	0.6
55.6	11.32	2.09	16.947	0.64
55.65	11.16	2.71	16.962	0.83
55.7	10.58	3.04	16.977	0.93
55.75	10.29	4	16.992	1.22
55.8	9.65	2.3	17.008	0.7
55.85	8.82	2.81	17.023	0.86
55.9	8.41	3.75	17.038	1.14
55.95	7.71	2.76	17.053	0.84
56	7.35	3.41	17.069	1.04
56.05	7.18	3.29	17.084	1
56.1	7.09	3.1	17.099	0.94
56.15	7.04	3.72	17.114	1.13
56.2	7.02	3.25	17.13	0.99
56.25	7.01	3.5	17.145	1.07
56.3	6.51	3.74	17.16	1.14
56.35	6.25	3.01	17.175	0.92
56.4	6.13	3.02	17.191	0.92
56.45	5.56	4.32	17.206	1.32
56.5	5.28	1.95	17.221	0.59
56.55	5.14	2.42	17.236	0.74
56.6	5.07	1.98	17.252	0.6
56.65	5.04	3.3	17.267	1.01
56.7	5.52	1.9	17.282	0.58
56.75	6.26	1.79	17.297	0.55
56.8	7.13	1.39	17.312	0.42
56.85	8.56	1.3	17.328	0.4
56.9	9.78	1.56	17.343	0.47
56.95	10.39	1.8	17.358	0.55
57	10.7	1.46	17.373	0.45
57.05	10.85	1.53	17.389	0.47
57.1	10.92	1.43	17.404	0.44
57.15	10.46	2.08	17.419	0.64
57.2	9.23	1.77	17.434	0.54
57.25	8.12	1.37	17.45	0.42
57.3	6.56	2.25	17.465	0.69
57.35	5.78	1.72	17.48	0.53
57.4	4.89	2.04	17.495	0.62
57.45	4.44	1.93	17.511	0.59
57.5	4.22	2.88	17.526	0.88
57.55	4.61	2.4	17.541	0.73
57.6	4.81	2.77	17.556	0.84
57.65	4.9	1.39	17.572	0.42
57.7	4.95	6.73	17.587	2.05
57.75	4.98	6.27	17.602	1.91
57.8	4.99	5	17.617	1.52
57.85	4.99	3.76	17.632	1.14
57.9	4.5	3.83	17.648	1.17
57.95	4.75	6	17.663	1.83

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58	4.87	6.22	17.678	1.9
58.05	4.94	2.86	17.693	0.87
58.1	4.97	1.88	17.709	0.57
58.15	4.98	2.83	17.724	0.86
58.2	4.99	2.84	17.739	0.87
58.25	5	3.21	17.754	0.98
58.3	5.5	3.06	17.77	0.93
58.35	5.25	3.54	17.785	1.08
58.4	5.62	3.28	17.8	1
58.45	5.81	3.15	17.815	0.96
58.5	5.91	2.88	17.831	0.88
58.55	6.45	5.06	17.846	1.54
58.6	6.73	2.86	17.861	0.87
58.65	7.36	2.73	17.876	0.83
58.7	7.68	3.82	17.892	1.16
58.75	8.84	6.68	17.907	2.04
58.8	9.42	4.07	17.922	1.24
58.85	9.71	4.38	17.937	1.33
58.9	10.86	3.44	17.953	1.05
58.95	10.43	2.3	17.968	0.7
59	9.21	3.52	17.983	1.07
59.05	8.11	3.28	17.998	1
59.1	7.05	4.63	18.013	1.41
59.15	6.03	2.98	18.029	0.91
59.2	5.51	2.82	18.044	0.86
59.25	5.26	2.16	18.059	0.66
59.3	4.63	2.85	18.074	0.87
59.35	4.31	1.47	18.09	0.45
59.4	4.16	2.63	18.105	0.8
59.45	4.58	2.96	18.12	0.9
59.5	4.29	1.99	18.135	0.61
59.55	4.64	2.61	18.151	0.8
59.6	4.82	2.95	18.166	0.9
59.65	4.91	2.26	18.181	0.69
59.7	4.46	2.9	18.196	0.88
59.75	4.23	2.95	18.212	0.9
59.8	4.11	2.61	18.227	0.8
59.85	4.06	2	18.242	0.61
59.9	3.53	4.51	18.257	1.37
59.95	3.26	2.14	18.273	0.65
60	3.13	3.68	18.288	1.12
60.05	3.07	3.57	18.303	1.09
60.1	3.03	2.1	18.318	0.64
60.15	3.52	2.12	18.334	0.65
60.2	3.76	4.51	18.349	1.38
60.25	3.88	1.94	18.364	0.59
60.3	3.94	1.53	18.379	0.47
60.35	3.97	2.54	18.394	0.77
60.4	3.98	1.97	18.41	0.6
60.45	4.49	1.78	18.425	0.54
60.5	4.25	1.92	18.44	0.58
60.55	4.12	2.44	18.455	0.75
60.6	3.56	1.25	18.471	0.38
60.65	3.78	2.01	18.486	0.61
60.7	3.89	1.64	18.501	0.5
60.75	3.45	2.85	18.516	0.87
60.8	3.22	3.21	18.532	0.98
60.85	3.11	2.37	18.547	0.72
60.9	3.06	2.4	18.562	0.73
60.95	3.03	2.52	18.577	0.77
61	3.01	1.98	18.593	0.6
61.05	3.01	2.9	18.608	0.88

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	3	1.91	18.623	0.58
61.15	3	1.48	18.638	0.45
61.2	3.5	2.17	18.654	0.66
61.25	3.75	2.92	18.669	0.89
61.3	3.88	1.97	18.684	0.6
61.35	3.94	1.85	18.699	0.56
61.4	3.97	1.91	18.715	0.58
61.45	3.98	1.98	18.73	0.6
61.5	3.99	1.94	18.745	0.59
61.55	4.5	3.02	18.76	0.92
61.6	4.25	1.81	18.775	0.55
61.65	4.62	2.05	18.791	0.63
61.7	4.81	1.59	18.806	0.48
61.75	4.91	2.21	18.821	0.67
61.8	4.95	1.41	18.836	0.43
61.85	4.98	2.12	18.852	0.65
61.9	4.99	1.79	18.867	0.54
61.95	4.49	2.42	18.882	0.74
62	4.25	1.93	18.897	0.59
62.05	4.62	1.98	18.913	0.6
62.1	4.31	2.3	18.928	0.7
62.15	4.16	2.3	18.943	0.7
62.2	4.08	2.52	18.958	0.77
62.25	4.54	1.94	18.974	0.59
62.3	4.27	2.02	18.989	0.62
62.35	4.13	1.63	19.004	0.5
62.4	3.57	2.77	19.019	0.84
62.45	4.28	2.23	19.035	0.68
62.5	4.14	2.23	19.05	0.68
62.55	3.57	2.34	19.065	0.71
62.6	3.79	2.29	19.08	0.7
62.65	3.89	0	19.096	0
62.7	3.45	4.56	19.111	1.39
62.75	3.72	4.1	19.126	1.25
62.8	3.86	4.08	19.141	1.25
62.85	3.93	4.49	19.156	1.37
62.9	3.97	7.26	19.172	2.21
62.95	3.98	4.63	19.187	1.41
63	4.49	5.88	19.202	1.79
63.05	4.75	6.12	19.217	1.87
63.1	4.87	3.1	19.233	0.94
63.15	4.94	5.88	19.248	1.79
63.2	5.47	1.97	19.263	0.6
63.25	5.73	4.72	19.278	1.44
63.3	5.37	3.5	19.294	1.07
63.35	5.18	2.55	19.309	0.78
63.4	4.59	2.82	19.324	0.86
63.45	4.8	1.84	19.339	0.56
63.5	3.9	2.15	19.355	0.66
63.55	3.95	4.63	19.37	1.41
63.6	3.97	2.36	19.385	0.72
63.65	3.49	2.55	19.4	0.78
63.7	3.74	2.38	19.416	0.73
63.75	3.37	3.91	19.431	1.19
63.8	3.19	3.14	19.446	0.96
63.85	3.59	5.19	19.461	1.58
63.9	3.8	3.39	19.477	1.03
63.95	3.4	4.75	19.492	1.45
64	3.2	3.34	19.507	1.02
64.05	3.1	4.23	19.522	1.29
64.1	3.05	2.75	19.537	0.84
64.15	2.52	7.16	19.553	2.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	2.26	2.36	19.568	0.72
64.25	2.13	3.31	19.583	1.01
64.3	2.07	4.23	19.598	1.29
64.35	2.53	4.07	19.614	1.24
64.4	2.27	3.61	19.629	1.1
64.45	2.63	2.01	19.644	0.61
64.5	2.32	3.12	19.659	0.95
64.55	2.66	2.29	19.675	0.7
64.6	2.33	2.26	19.69	0.69
64.65	2.16	1.29	19.705	0.39
64.7	2.08	1.84	19.72	0.56
64.75	2.54	1.73	19.736	0.53
64.8	2.77	3.06	19.751	0.93
64.85	2.89	1.92	19.766	0.58
64.9	2.94	2.25	19.781	0.69
64.95	2.47	1.8	19.797	0.55
65	2.24	2.36	19.812	0.72
65.05	2.12	1.35	19.827	0.41
65.1	2.56	1.75	19.842	0.53
65.15	2.78	1.97	19.858	0.6
65.2	2.89	3.02	19.873	0.92
65.25	2.94	1.84	19.888	0.56
65.3	2.97	2.18	19.903	0.67
65.35	2.99	2.18	19.918	0.66
65.4	2.99	2.46	19.934	0.75
65.45	3	1.46	19.949	0.44
65.5	3	1.78	19.964	0.54
65.55	3	2.79	19.979	0.85
65.6	3	1.12	19.995	0.34
65.65	3.5	2.37	20.01	0.72
65.7	3.25	1.97	20.025	0.6
65.75	3.12	1.52	20.04	0.46
65.8	3.06	1.89	20.056	0.58
65.85	3.03	1.72	20.071	0.53
65.9	3.02	0.86	20.086	0.26
65.95	3.01	1.52	20.101	0.46
66	2.5	1.38	20.117	0.42
66.05	2.75	1.13	20.132	0.34
66.1	2.38	2.23	20.147	0.68
66.15	2.69	1.38	20.162	0.42
66.2	2.34	1.25	20.178	0.38
66.25	2.17	1.19	20.193	0.36
66.3	2.09	0.86	20.208	0.26
66.35	2.54	1.23	20.223	0.37
66.4	2.77	1.07	20.239	0.33
66.45	2.89	1.24	20.254	0.38
66.5	2.94	1.03	20.269	0.31
66.55	2.97	1.14	20.284	0.35
66.6	2.99	1.2	20.3	0.37
66.65	2.49	1.09	20.315	0.33
66.7	2.75	0.9	20.33	0.27
66.75	2.87	1.44	20.345	0.44
66.8	2.94	1.35	20.36	0.41
66.85	2.97	1.83	20.376	0.56
66.9	2.98	1.68	20.391	0.51
66.95	2.99	1.1	20.406	0.34
67	3	0.95	20.421	0.29
67.05	3.5	0.81	20.437	0.25
67.1	3.25	1.19	20.452	0.36
67.15	3.12	1.25	20.467	0.38
67.2	3.06	1	20.482	0.3
67.25	3.03	1.16	20.498	0.35

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	3.02	1.09	20.513	0.33
67.35	2.51	1.19	20.528	0.36
67.4	2.75	0.93	20.543	0.28
67.45	2.38	0.83	20.559	0.25
67.5	2.69	1.2	20.574	0.37
67.55	2.84	1.12	20.589	0.34
67.6	2.92	0.84	20.604	0.26
67.65	2.96	1.52	20.62	0.46
67.7	2.98	3.77	20.635	1.15
67.75	2.99	2.73	20.65	0.83
67.8	3	2.09	20.665	0.64
67.85	2.5	2.29	20.681	0.7
67.9	2.75	2.6	20.696	0.79
67.95	2.37	2.06	20.711	0.63
68	2.69	3.98	20.726	1.21
68.05	2.84	2.32	20.742	0.71
68.1	2.92	2.43	20.757	0.74
68.15	3.46	1.82	20.772	0.56
68.2	3.73	1.71	20.787	0.52
68.25	3.37	1.59	20.802	0.48
68.3	3.18	1.29	20.818	0.39
68.35	3.09	0.93	20.833	0.28
68.4	3.05	0.77	20.848	0.23
68.45	3.02	1.63	20.863	0.5
68.5	3.01	1.05	20.879	0.32
68.55	3.01	2.15	20.894	0.66
68.6	3.5	0.76	20.909	0.23
68.65	3.25	1.02	20.924	0.31
68.7	3.13	0.75	20.94	0.23
68.75	3.06	2.39	20.955	0.73
68.8	3.53	0.76	20.97	0.23
68.85	3.27	1.61	20.985	0.49
68.9	3.63	0.85	21.001	0.26
68.95	3.32	4.05	21.016	1.23
69	3.16	1.45	21.031	0.44
69.05	3.08	2	21.046	0.61
69.1	3.04	1.75	21.062	0.53
69.15	3.52	3.41	21.077	1.04
69.2	3.76	1.62	21.092	0.49
69.25	3.38	2.31	21.107	0.7
69.3	3.19	1.03	21.123	0.32
69.35	3.09	2.14	21.138	0.65
69.4	3.05	1.8	21.153	0.55
69.45	3.02	0.81	21.168	0.25
69.5	3.51	2.03	21.183	0.62
69.55	4.26	0.96	21.199	0.29
69.6	4.13	0.72	21.214	0.22
69.65	4.06	1.16	21.229	0.35
69.7	4.03	0.58	21.244	0.18
69.75	4.02	0.72	21.26	0.22
69.8	3.51	1.2	21.275	0.37
69.85	3.25	0.61	21.29	0.19
69.9	2.63	1.25	21.305	0.38
69.95	2.31	1.02	21.321	0.31
70	2.16	1.95	21.336	0.59
70.05	2.58	0.68	21.351	0.21
70.1	2.79	0.63	21.366	0.19
70.15	2.89	0.62	21.382	0.19
70.2	2.95	2.32	21.397	0.71
70.25	2.97	0.8	21.412	0.25
70.3	2.99	1.04	21.427	0.32
70.35	2.99	1.2	21.443	0.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	3	2.17	21.458	0.66
70.45	3	1.81	21.473	0.55
70.5	3.5	2.26	21.488	0.69
70.55	3.75	1.81	21.504	0.55
70.6	3.87	1.96	21.519	0.6
70.65	3.94	1.46	21.534	0.45
70.7	3.97	2.84	21.549	0.86
70.75	3.48	1.1	21.565	0.33
70.8	3.24	1.99	21.58	0.61
70.85	3.12	1.72	21.595	0.52
70.9	3.06	0.83	21.61	0.25
70.95	3.03	1.29	21.625	0.39
71	3.02	1.42	21.641	0.43
71.05	3.51	1.28	21.656	0.39
71.1	3.25	2.15	21.671	0.66
71.15	3.13	1.48	21.686	0.45
71.2	3.06	1.45	21.702	0.44
71.25	3.03	1.83	21.717	0.56
71.3	3.02	1.46	21.732	0.45
71.35	3.01	1.72	21.747	0.52
71.4	3	1.03	21.763	0.31
71.45	3	1.49	21.778	0.45
71.5	3	1.49	21.793	0.45
71.55	3	1.04	21.808	0.32
71.6	3	1	21.824	0.31
71.65	3	2.04	21.839	0.62
71.7	3	1.5	21.854	0.46
71.75	3	1.47	21.869	0.45
71.8	3	0.96	21.885	0.29
71.85	3	1.4	21.9	0.43
71.9	2.5	1.21	21.915	0.37
71.95	2.75	0.88	21.93	0.27
72	2.88	1.05	21.946	0.32
72.05	2.94	1.45	21.961	0.44
72.1	2.47	0.8	21.976	0.24
72.15	2.23	1.21	21.991	0.37
72.2	2.62	1.14	22.007	0.35
72.25	2.81	1.2	22.022	0.37
72.3	2.9	0.84	22.037	0.26
72.35	2.95	0.75	22.052	0.23
72.4	2.98	0.84	22.067	0.26
72.45	2.99	1.07	22.083	0.33
72.5	2.99	0.91	22.098	0.28
72.55	3	1.23	22.113	0.38
72.6	2.5	1.82	22.128	0.55
72.65	2.25	1.49	22.144	0.46
72.7	2.62	4.22	22.159	1.29
72.75	2.31	1.5	22.174	0.46
72.8	2.66	1.12	22.189	0.34
72.85	2.83	1.89	22.205	0.58
72.9	2.91	2.83	22.22	0.86
72.95	2.96	3.46	22.235	1.06
73	3.48	4.46	22.25	1.36
73.05	3.24	2.41	22.266	0.73
73.1	3.12	3.56	22.281	1.09
73.15	3.06	3.39	22.296	1.03
73.2	3.03	3.44	22.311	1.05
73.25	3.01	2.92	22.327	0.89
73.3	3.01	2	22.342	0.61
73.35	3	0.94	22.357	0.29
73.4	3	1.87	22.372	0.57
73.45	3.5	0.92	22.388	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	2.75	0.43	22.403	0.13
73.55	2.88	0.97	22.418	0.3
73.6	2.94	1.17	22.433	0.36
73.65	2.97	0.79	22.448	0.24
73.7	2.48	0.75	22.464	0.23
73.75	2.74	1.74	22.479	0.53
73.8	2.87	0.67	22.494	0.2
73.85	3.44	1.26	22.509	0.38
73.9	3.22	0.52	22.525	0.16
73.95	3.11	3.98	22.54	1.21
74	3.55	0.58	22.555	0.18
74.05	4.78	2.25	22.57	0.69
74.1	4.39	1.18	22.586	0.36
74.15	3.69	3.45	22.601	1.05
74.2	3.35	2.05	22.616	0.63
74.25	3.17	3.79	22.631	1.16
74.3	3.09	2.99	22.647	0.91
74.35	2.54	2.7	22.662	0.82
74.4	2.27	1.11	22.677	0.34
74.45	2.64	1.33	22.692	0.41
74.5	2.32	0.69	22.708	0.21
74.55	2.66	1.36	22.723	0.42
74.6	2.83	1.73	22.738	0.53
74.65	2.91	1.9	22.753	0.58
74.7	2.96	0.95	22.769	0.29
74.75	3.48	0.45	22.784	0.14
74.8	3.74	0.53	22.799	0.16
74.85	3.37	0.61	22.814	0.19
74.9	3.18	1.04	22.83	0.32
74.95	3.09	0.64	22.845	0.2
75	3.05	1.06	22.86	0.32
75.05	3.02	1.41	22.875	0.43
75.1	3.01	1.33	22.89	0.41
75.15	3.01	1.45	22.906	0.44
75.2	3	2.14	22.921	0.65
75.25	3	1.28	22.936	0.39
75.3	3	1.92	22.951	0.58
75.35	3	1.65	22.967	0.5
75.4	3	4.49	22.982	1.37
75.45	3	2.38	22.997	0.72
75.5	3	3.52	23.012	1.07
75.55	3	2.41	23.028	0.74
75.6	3	4.79	23.043	1.46
75.65	3	1.92	23.058	0.59
75.7	3	1.59	23.073	0.48
75.75	3	2.27	23.089	0.69
75.8	3	3.82	23.104	1.16
75.85	2.5	2.04	23.119	0.62
75.9	2.25	2.78	23.134	0.85
75.95	2.12	1.22	23.15	0.37
76	2.06	0.73	23.165	0.22
76.05	2.03	2.08	23.18	0.63
76.1	2.02	1.39	23.195	0.42
76.15	2.51	0.88	23.211	0.27
76.2	2.75	0.88	23.226	0.27
76.25	3.88	0.96	23.241	0.29
76.3	5.44	1.15	23.256	0.35
76.35	6.72	1	23.271	0.31
76.4	9.86	1.2	23.287	0.37
76.45	11.43	1.12	23.302	0.34
76.5	11.21	1.03	23.317	0.31
76.55	10.11	0.7	23.332	0.21

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76.6	7.05	0.49	23.348	0.15
76.65	5.53	0.82	23.363	0.25
76.7	4.26	0.75	23.378	0.23
76.75	3.63	1.03	23.393	0.32
76.8	3.32	0.64	23.409	0.2
76.85	2.66	1.09	23.424	0.33
76.9	2.33	0.96	23.439	0.29
76.95	2.16	0.97	23.454	0.3
77	2.08	0.43	23.47	0.13
77.05	2.54	1.2	23.485	0.36
77.1	2.27	0.53	23.5	0.16
77.15	2.14	1.02	23.515	0.31
77.2	2.07	0.84	23.531	0.26
77.25	2.03	0.72	23.546	0.22
77.3	2.02	1	23.561	0.3
77.35	2.01	0.64	23.576	0.19
77.4	2.5	0.77	23.592	0.23
77.45	2.75	0.96	23.607	0.29
77.5	2.88	0.61	23.622	0.18
77.55	2.44	0.66	23.637	0.2
77.6	2.22	0.62	23.653	0.19
77.65	2.11	0.75	23.668	0.23
77.7	2.55	1.9	23.683	0.58
77.75	2.78	1.06	23.698	0.32
77.8	2.89	0.91	23.713	0.28
77.85	2.94	0.99	23.729	0.3
77.9	2.97	2.66	23.744	0.81
77.95	2.99	0.94	23.759	0.29
78	2.49	1.97	23.774	0.6
78.05	2.25	0.65	23.79	0.2
78.1	2.62	3.42	23.805	1.04
78.15	3.31	1.36	23.82	0.41
78.2	3.16	1.44	23.835	0.44
78.25	3.08	1.49	23.851	0.45
78.3	3.04	3.89	23.866	1.19
78.35	2.52	1.18	23.881	0.36
78.4	2.76	3.99	23.896	1.22
78.45	2.88	2.3	23.912	0.7
78.5	2.94	2.15	23.927	0.66
78.55	2.97	1.58	23.942	0.48
78.6	3.48	0.85	23.957	0.26
78.65	4.24	2.27	23.973	0.69
78.7	4.12	1.04	23.988	0.32
78.75	4.06	1.19	24.003	0.36
78.8	4.03	0.72	24.018	0.22
78.85	3.52	0.41	24.034	0.13
78.9	3.26	0.53	24.049	0.16
78.95	3.13	0.91	24.064	0.28
79	3.06	0.66	24.079	0.2
79.05	4.03	0.78	24.095	0.24
79.1	3.52	0.84	24.11	0.26
79.15	3.26	1.17	24.125	0.36
79.2	3.13	0.67	24.14	0.21
79.25	3.06	0.74	24.155	0.23
79.3	2.53	0.47	24.171	0.14
79.35	2.27	3.91	24.186	1.19
79.4	2.13	0.9	24.201	0.27
79.45	2.07	1.27	24.216	0.39
79.5	2.03	1.46	24.232	0.44
79.55	2.52	4.13	24.247	1.26
79.6	2.76	1.28	24.262	0.39
79.65	3.38	3.56	24.277	1.08

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79.7	3.19	2.11	24.293	0.64
79.75	4.09	2.09	24.308	0.64
79.8	4.55	1.73	24.323	0.53
79.85	4.77	1.3	24.338	0.4
79.9	4.89	0.83	24.354	0.25
79.95	4.94	1.56	24.369	0.47
80	4.97	0.82	24.384	0.25
80.05	4.99	0.41	24.399	0.13
80.1	4.99	0.37	24.415	0.11
80.15	5	0.74	24.43	0.22
80.2	5	0.7	24.445	0.21
80.25	5	0.41	24.46	0.13
80.3	5.5	0.56	24.476	0.17
80.35	5.25	0.74	24.491	0.23
80.4	5.12	0.53	24.506	0.16
80.45	5.06	0.48	24.521	0.15
80.5	5.03	0.62	24.536	0.19
80.55	5.02	0.64	24.552	0.19
80.6	5.51	0.88	24.567	0.27
80.65	5.25	1.1	24.582	0.34
80.7	5.63	0.8	24.597	0.25
80.75	5.31	2.16	24.613	0.66
80.8	5.66	0.84	24.628	0.26
80.85	5.83	1.46	24.643	0.44
80.9	5.91	0.77	24.658	0.23
80.95	5.96	1.61	24.674	0.49
81	5.98	1.15	24.689	0.35
81.05	5.99	1.6	24.704	0.49
81.1	5.99	0.99	24.719	0.3
81.15	5.5	1.01	24.735	0.31
81.2	5.75	0.9	24.75	0.27
81.25	5.87	1.92	24.765	0.59
81.3	5.44	1.31	24.78	0.4
81.35	5.22	0.98	24.796	0.3
81.4	5.11	1.32	24.811	0.4
81.45	5.05	0.82	24.826	0.25
81.5	5.03	0.95	24.841	0.29
81.55	5.01	0.88	24.857	0.27
81.6	5.01	0.83	24.872	0.25
81.65	4.5	1.22	24.887	0.37
81.7	4.25	1.44	24.902	0.44
81.75	4.63	1.02	24.918	0.31
81.8	4.31	1.05	24.933	0.32
81.85	4.16	0.98	24.948	0.3
81.9	4.08	0.79	24.963	0.24
81.95	4.04	0.82	24.978	0.25
82	4.02	0.81	24.994	0.25
82.05	4.51	1.16	25.009	0.35
82.1	5.25	1.12	25.024	0.34
82.15	6.13	0.81	25.039	0.25
82.2	6.56	1.08	25.055	0.33
82.25	6.78	1.13	25.07	0.34
82.3	6.89	1.11	25.085	0.34
82.35	5.95	0.72	25.1	0.22
82.4	4.97	0.81	25.116	0.25
82.45	4.99	1.09	25.131	0.33
82.5	4.49	5.13	25.146	1.56
82.55	4.75	1.16	25.161	0.35
82.6	4.37	2.48	25.177	0.76
82.65	4.19	2.94	25.192	0.9
82.7	4.09	2.53	25.207	0.77
82.75	4.05	1.62	25.222	0.49

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82.8	4.02	2.07	25.238	0.63
82.85	4.01	1.12	25.253	0.34
82.9	4.51	2.43	25.268	0.74
82.95	5.75	1.19	25.283	0.36
83	5.88	0.35	25.299	0.11
83.05	5.44	0.88	25.314	0.27
83.1	5.22	0.54	25.329	0.16
83.15	4.61	0.99	25.344	0.3
83.2	3.8	0.57	25.36	0.17
83.25	4.4	1.98	25.375	0.6
83.3	4.7	0.62	25.39	0.19
83.35	5.35	0.95	25.405	0.29
83.4	5.68	0.99	25.42	0.3
83.45	5.34	2.67	25.436	0.81
83.5	5.17	0.61	25.451	0.18
83.55	4.58	0.57	25.466	0.17
83.6	4.29	0.77	25.481	0.24
83.65	4.15	2.6	25.497	0.79
83.7	4.07	1.3	25.512	0.4
83.75	4.04	2.92	25.527	0.89
83.8	4.02	3.7	25.542	1.13
83.85	4.01	4.5	25.558	1.37
83.9	4	2.52	25.573	0.77
83.95	4	3.07	25.588	0.93
84	4.5	3.1	25.603	0.94
84.05	4.25	1.1	25.619	0.33
84.1	4.13	2.19	25.634	0.67
84.15	4.06	2.08	25.649	0.63
84.2	4.03	1.38	25.664	0.42
84.25	4.02	0.39	25.68	0.12
84.3	4.01	1.16	25.695	0.35
84.35	4	0.76	25.71	0.23
84.4	4	0.93	25.725	0.28
84.45	4	1.27	25.741	0.39
84.5	4	1.75	25.756	0.53
84.55	4.5	0.82	25.771	0.25
84.6	5.25	1.41	25.786	0.43
84.65	5.63	1.11	25.801	0.34
84.7	5.81	1.99	25.817	0.61
84.75	5.41	1.12	25.832	0.34
84.8	4.7	2.34	25.847	0.71
84.85	4.35	1.57	25.862	0.48
84.9	4.18	3.22	25.878	0.98
84.95	4.09	2.2	25.893	0.67
85	4.04	3.17	25.908	0.97
85.05	3.52	2.38	25.923	0.73
85.1	3.76	2.08	25.939	0.63
85.15	3.88	3.66	25.954	1.12
85.2	3.94	2.81	25.969	0.86
85.25	3.97	3.53	25.984	1.08
85.3	3.99	2.3	26	0.7
85.35	3.99	4.76	26.015	1.45
85.4	4	3.22	26.03	0.98
85.45	4.5	3.55	26.045	1.08
85.5	4.75	4.15	26.061	1.27
85.55	4.87	3.38	26.076	1.03
85.6	4.94	3.55	26.091	1.08
85.65	4.97	3.6	26.106	1.1
85.7	4.98	3.21	26.122	0.98
85.75	4.99	4	26.137	1.22
85.8	4.5	5.24	26.152	1.6
85.85	4.25	4.54	26.167	1.38

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	7.62	5.96	26.183	1.82
85.95	11.81	4.89	26.198	1.49
86	20.91	5.28	26.213	1.61
86.05	27.95	5.51	26.228	1.68
86.1	31.48	3.98	26.243	1.21
86.15	33.74	4.64	26.259	1.41
86.2	33.87	4.21	26.274	1.28
86.25	31.93	3.21	26.289	0.98
86.3	29.97	1.97	26.304	0.6
86.35	28.98	2.42	26.32	0.74
86.4	28.49	1.14	26.335	0.35
86.45	33.75	1.83	26.35	0.56
86.5	32.87	0.88	26.365	0.27
86.55	38.94	1.16	26.381	0.35
86.6	59.97	0.75	26.396	0.23
86.65	52.48	0.63	26.411	0.19
86.7	45.74	0.72	26.426	0.22
86.75	33.37	0.56	26.442	0.17
86.8	22.19	0.5	26.457	0.15
86.85	16.09	0.63	26.472	0.19
86.9	12.05	0.72	26.487	0.22
86.95	10.02	0.7	26.503	0.21
87	8.51	0.65	26.518	0.2
87.05	7.26	0.61	26.533	0.19
87.1	7.13	0.76	26.548	0.23
87.15	6.56	0.67	26.564	0.2
87.2	6.78	0.71	26.579	0.22
87.25	7.39	1.01	26.594	0.31
87.3	7.2	0.92	26.609	0.28
87.35	7.1	0.97	26.625	0.3
87.4	7.05	1.5	26.64	0.46
87.45	6.52	1.48	26.655	0.45
87.5	5.76	1.34	26.67	0.41
87.55	5.38	2.58	26.685	0.79
87.6	5.19	5.32	26.701	1.62
87.65	5.6	3.65	26.716	1.11
87.7	5.3	2.2	26.731	0.67
87.75	5.15	1.86	26.746	0.57
87.8	5.07	2.28	26.762	0.69
87.85	5.04	1.78	26.777	0.54
87.9	5.52	3.65	26.792	1.11
87.95	5.76	2.72	26.807	0.83
88	5.88	2.69	26.823	0.82
88.05	5.94	1.81	26.838	0.55
88.1	5.47	0.97	26.853	0.3
88.15	5.73	2.24	26.868	0.68
88.2	5.37	1.79	26.884	0.55
88.25	5.18	1.67	26.899	0.51
88.3	5.09	0.8	26.914	0.25
88.35	5.05	0.69	26.929	0.21
88.4	4.52	1.11	26.945	0.34
88.45	4.26	2.23	26.96	0.68
88.5	3.63	0.57	26.975	0.17
88.55	3.82	0.71	26.99	0.22
88.6	3.41	0.58	27.006	0.18
88.65	3.2	2.57	27.021	0.78
88.7	3.6	0.93	27.036	0.28
88.75	3.8	2.3	27.051	0.7
88.8	3.9	0.55	27.066	0.17
88.85	3.95	2.26	27.082	0.69
88.9	4.48	0.99	27.097	0.3
88.95	5.24	1.72	27.112	0.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	5.12	2.76	27.127	0.84
89.05	5.06	2.96	27.143	0.9
89.1	5.03	2.05	27.158	0.62
89.15	6.01	0.84	27.173	0.26
89.2	6.01	2.09	27.188	0.64
89.25	6.5	1.78	27.204	0.54
89.3	6.25	1.7	27.219	0.52
89.35	6.63	1.47	27.234	0.45
89.4	6.81	1.41	27.249	0.43
89.45	6.41	0.74	27.265	0.23
89.5	6.7	0.5	27.28	0.15
89.55	6.85	0.45	27.295	0.14
89.6	6.93	0.9	27.31	0.27
89.65	6.46	1.1	27.326	0.34
89.7	6.23	0.91	27.341	0.28
89.75	6.12	0.98	27.356	0.3
89.8	6.06	1.44	27.371	0.44
89.85	6.53	0.76	27.387	0.23
89.9	6.76	1.52	27.402	0.46
89.95	6.88	0.74	27.417	0.23
90	6.94	1.25	27.432	0.38
90.05	6.47	0.84	27.448	0.26
90.1	5.74	2.63	27.463	0.8
90.15	5.87	1.26	27.478	0.38
90.2	5.93	1.21	27.493	0.37
90.25	6.97	1.35	27.508	0.41
90.3	7.48	1.76	27.524	0.54
90.35	7.74	1.09	27.539	0.33
90.4	7.37	1.9	27.554	0.58
90.45	6.69	1.14	27.569	0.35
90.5	6.34	1.42	27.585	0.43
90.55	6.17	0.78	27.6	0.24
90.6	6.59	1.81	27.615	0.55
90.65	6.29	0.95	27.63	0.29
90.7	5.65	0.67	27.646	0.2
90.75	5.32	0.71	27.661	0.22
90.8	5.66	0.75	27.676	0.23
90.85	5.33	1.36	27.691	0.42
90.9	5.67	0.83	27.707	0.25
90.95	5.83	0.78	27.722	0.24
91	5.92	1.45	27.737	0.44
91.05	5.46	1.21	27.752	0.37
91.1	5.23	0.85	27.768	0.26
91.15	4.61	1.24	27.783	0.38
91.2	4.31	1.23	27.798	0.37
91.25	4.65	1.13	27.813	0.34
91.3	5.33	1.11	27.829	0.34
91.35	5.66	1.68	27.844	0.51
91.4	5.83	1.25	27.859	0.38
91.45	6.42	1.71	27.874	0.52
91.5	6.21	1.66	27.889	0.51
91.55	6.1	1.83	27.905	0.56
91.6	6.05	1.66	27.92	0.51
91.65	5.53	1.98	27.935	0.6
91.7	5.26	1.62	27.95	0.49
91.75	5.63	1.52	27.966	0.46
91.8	5.82	1.42	27.981	0.43
91.85	5.91	1.6	27.996	0.49
91.9	5.95	1.49	28.011	0.45
91.95	5.98	1.36	28.027	0.41
92	5.99	1.19	28.042	0.36
92.05	5.99	1.43	28.057	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
92.1	5.5	1.36	28.072	0.41
92.15	5.25	1.07	28.088	0.33
92.2	5.12	0.91	28.103	0.28
92.25	5.06	1.43	28.118	0.44
92.3	5.03	1.13	28.133	0.34
92.35	5.02	1.37	28.149	0.42
92.4	5.01	1.42	28.164	0.43
92.45	5	0.7	28.179	0.21
92.5	5	1.04	28.194	0.32
92.55	4.5	2.49	28.21	0.76
92.6	4.25	3.55	28.225	1.08
92.65	4.63	1.6	28.24	0.49
92.7	5.31	1.4	28.255	0.43
92.75	5.66	0.75	28.271	0.23
92.8	5.33	2.33	28.286	0.71
92.85	5.66	0.75	28.301	0.23
92.9	5.83	1.56	28.316	0.47
92.95	5.92	1.2	28.331	0.37
93	5.46	2.91	28.347	0.89
93.05	5.23	1.82	28.362	0.55
93.1	5.61	2.03	28.377	0.62
93.15	5.81	1.12	28.392	0.34
93.2	5.9	3.34	28.408	1.02
93.25	5.45	1.19	28.423	0.36
93.3	5.23	2.06	28.438	0.63
93.35	5.11	1.32	28.453	0.4
93.4	5.06	4.35	28.469	1.32
93.45	5.03	3.68	28.484	1.12
93.5	5.01	2.49	28.499	0.76
93.55	5.01	2.46	28.514	0.75
93.6	5	3.39	28.53	1.03
93.65	5	3.08	28.545	0.94
93.7	5	1.9	28.56	0.58
93.75	5	3.29	28.575	1
93.8	5	2.71	28.591	0.83
93.85	5	2.62	28.606	0.8
93.9	5	1.65	28.621	0.5
93.95	5.5	1.95	28.636	0.59
94	5.75	0.95	28.652	0.29
94.05	5.38	1.62	28.667	0.49
94.1	5.19	1.17	28.682	0.36
94.15	5.09	1.87	28.697	0.57
94.2	5.05	1.69	28.713	0.52
94.25	4.52	3.57	28.728	1.09
94.3	4.76	1.64	28.743	0.5
94.35	4.38	2.03	28.758	0.62
94.4	4.69	1.76	28.773	0.54
94.45	4.85	4.43	28.789	1.35
94.5	4.92	2.2	28.804	0.67
94.55	4.96	2.23	28.819	0.68
94.6	4.98	2.29	28.834	0.7
94.65	4.49	6.16	28.85	1.88
94.7	4.25	2.61	28.865	0.79
94.75	4.12	4.39	28.88	1.34
94.8	4.06	2.36	28.895	0.72
94.85	4.53	4.55	28.911	1.39
94.9	4.77	2.75	28.926	0.84
94.95	5.38	2.81	28.941	0.86
95	7.69	2.12	28.956	0.65
95.05	8.85	6.07	28.972	1.85
95.1	9.42	2.87	28.987	0.87
95.15	10.21	3.69	29.002	1.13

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95.2	10.11	3.73	29.017	1.14
95.25	9.55	1.6	29.033	0.49
95.3	9.28	2.48	29.048	0.76
95.35	9.64	1.9	29.063	0.58
95.4	10.32	2.64	29.078	0.8
95.45	11.16	3.42	29.094	1.04
95.5	11.58	3.35	29.109	1.02
95.55	11.79	2.61	29.124	0.79
95.6	11.89	2.36	29.139	0.72
95.65	11.95	2.6	29.154	0.79
95.7	12.47	4.2	29.17	1.28
95.75	13.24	2.55	29.185	0.78
95.8	14.12	2.87	29.2	0.87
95.85	15.06	3.37	29.215	1.03
95.9	16.03	3.06	29.231	0.93
95.95	16.01	4.07	29.246	1.24
96	16.51	4.01	29.261	1.22
96.05	16.75	2.98	29.276	0.91
96.1	16.88	3.24	29.292	0.99
96.15	16.94	4.03	29.307	1.23
96.2	16.97	3.67	29.322	1.12
96.25	16.98	3.25	29.337	0.99
96.3	17.49	2.43	29.353	0.74
96.35	17.25	3.26	29.368	0.99
96.4	17.12	3.41	29.383	1.04
96.45	17.06	2.98	29.398	0.91
96.5	16.03	2.36	29.414	0.72
96.55	16.02	2.17	29.429	0.66
96.6	15.51	2.7	29.444	0.82
96.65	15.25	2.48	29.459	0.76
96.7	15.13	2.39	29.475	0.73
96.75	15.06	2.42	29.49	0.74
96.8	15.03	2.34	29.505	0.71
96.85	15.52	2.74	29.52	0.83
96.9	15.76	2.23	29.536	0.68
96.95	15.88	2.67	29.551	0.81
97	15.94	2.89	29.566	0.88
97.05	15.47	2.41	29.581	0.73
97.1	15.23	2.32	29.596	0.71
97.15	14.12	2.61	29.612	0.8
97.2	13.06	2.37	29.627	0.72
97.25	12.03	2.66	29.642	0.81
97.3	12.01	3	29.657	0.91
97.35	12.01	2.32	29.673	0.71
97.4	12	3	29.688	0.91
97.45	12.5	2.27	29.703	0.69
97.5	12.25	1.62	29.718	0.49
97.55	10.63	26.15	29.734	7.97
97.6	8.31	32.1	29.749	9.78
97.65	6.66	11.63	29.764	3.54
97.7	5.83	0	29.779	0
97.75	7.91	0	29.795	0
97.8	12.46	0.99	29.81	0.3
97.85	14.73	0	29.825	0
97.9	13.36	6.75	29.84	2.06
97.95	12.68	3.45	29.856	1.05
98	12.34	4.29	29.871	1.31
98.05	12.67	1.89	29.886	0.57
98.1	12.34	7.24	29.901	2.21
98.15	12.67	3.64	29.917	1.11
98.2	12.83	2.97	29.932	0.9
98.25	13.42	2.42	29.947	0.74

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98.3	13.71	3.95	29.962	1.2
98.35	14.35	4.52	29.978	1.38
98.4	14.18	7.36	29.993	2.24
98.45	14.09	4.97	30.008	1.51
98.5	14.04	4.85	30.023	1.48
98.55	13.52	5.88	30.038	1.79
98.6	13.26	3.7	30.054	1.13
98.65	13.13	3.61	30.069	1.1
98.7	13.07	4.79	30.084	1.46
98.75	13.03	3.84	30.099	1.17
98.8	13.02	2.52	30.115	0.77
98.85	12.51	5.43	30.13	1.66
98.9	12.75	8.23	30.145	2.51
98.95	12.88	4.41	30.16	1.34
99	12.94	3.14	30.176	0.96
99.05	12.97	3.89	30.191	1.19
99.1	12.98	1.99	30.206	0.61
99.15	12.99	3.65	30.221	1.11
99.2	13	2.72	30.237	0.83
99.25	13	3.37	30.252	1.03
99.3	13.5	3.32	30.267	1.01
99.35	13.75	3.76	30.282	1.15
99.4	13.87	3.81	30.298	1.16
99.45	14.44	3.4	30.313	1.04
99.5	14.72	3.61	30.328	1.1
99.55	14.86	5.98	30.343	1.82
99.6	15.43	3.79	30.359	1.16
99.65	16.21	3.69	30.374	1.12
99.7	19.11	3.71	30.389	1.13
99.75	98.55	8.34	30.404	2.54
99.8	101.28	6.01	30.419	1.83
99.85	113.14	5.12	30.435	1.56
99.9	78.07	5.73	30.45	1.75
99.95	46.53	5.95	30.465	1.81
100	29.27	5.72	30.48	1.74
100.05	18.63	4.52	30.496	1.38
100.1	11.82	3.53	30.511	1.08
100.15	8.41	4.29	30.526	1.31
100.2	7.2	3.31	30.541	1.01
100.25	9.6	2.86	30.557	0.87
100.3	11.3	2.79	30.572	0.85
100.35	11.65	2.76	30.587	0.84
100.4	11.33	3.41	30.602	1.04
100.45	10.16	3.24	30.618	0.99
100.5	9.58	3.02	30.633	0.92
100.55	8.79	3.46	30.648	1.06
100.6	8.9	3.15	30.663	0.96
100.65	9.45	3.21	30.679	0.98
100.7	8.72	3.34	30.694	1.02
100.75	8.36	2.61	30.709	0.8
100.8	7.68	3.37	30.724	1.03
100.85	7.34	3.16	30.74	0.96
100.9	7.67	2.81	30.755	0.86
100.95	8.34	2.93	30.77	0.89
101	9.17	4.23	30.785	1.29
101.05	10.08	3.45	30.801	1.05
101.1	10.04	4.23	30.816	1.29
101.15	10.02	4.13	30.831	1.26
101.2	10.51	3.85	30.846	1.17
101.25	10.76	4.15	30.861	1.27
101.3	11.38	5	30.877	1.52
101.35	12.19	4.29	30.892	1.31

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101.4	9.59	3.34	30.907	1.02
101.45	8.3	3.83	30.922	1.17
101.5	7.15	3.89	30.938	1.19
101.55	6.57	4.18	30.953	1.28
101.6	6.29	2.69	30.968	0.82
101.65	6.64	4.3	30.983	1.31
101.7	6.82	2.72	30.999	0.83
101.75	7.91	2.7	31.014	0.82
101.8	8.46	2.87	31.029	0.87
101.85	8.73	3.78	31.044	1.15
101.9	8.86	2.92	31.06	0.89
101.95	9.93	4.72	31.075	1.44
102	9.47	3.01	31.09	0.92
102.05	9.73	3.38	31.105	1.03
102.1	10.37	3.59	31.121	1.09
102.15	10.68	4.54	31.136	1.38
102.2	11.34	3.71	31.151	1.13
102.25	12.67	2.94	31.166	0.9
102.3	15.84	3.6	31.182	1.1
102.35	17.42	3.17	31.197	0.97
102.4	16.71	3.47	31.212	1.06
102.45	14.85	4.75	31.227	1.45
102.5	12.93	3.48	31.243	1.06
102.55	10.96	3.51	31.258	1.07
102.6	9.98	5.21	31.273	1.59
102.65	8.49	5.44	31.288	1.66
102.7	7.75	3.74	31.303	1.14
102.75	7.37	3.28	31.319	1
102.8	7.69	3.34	31.334	1.02
102.85	7.84	3.44	31.349	1.05
102.9	8.42	3.62	31.364	1.1
102.95	8.71	3.58	31.38	1.09
103	8.86	3.44	31.395	1.05
103.05	8.43	11.49	31.41	3.5
103.1	8.21	14.14	31.425	4.31
103.15	8.11	9.21	31.441	2.81
103.2	8.05	17.71	31.456	5.4
103.25	8.03	15.7	31.471	4.78
103.3	8.01	20.84	31.486	6.35
103.35	7.51	19.39	31.502	5.91
103.4	7.75	5.61	31.517	1.71
103.45	7.88	6.12	31.532	1.86
103.5	7.94	1.68	31.547	0.51
103.55	7.97	7.03	31.563	2.14
103.6	7.48	5.09	31.578	1.55
103.65	7.74	5.11	31.593	1.56
103.7	13.87	5.22	31.608	1.59
103.75	12.44	7.91	31.624	2.41
103.8	11.22	3.34	31.639	1.02
103.85	11.61	5.48	31.654	1.67
103.9	23.8	1.72	31.669	0.53
103.95	25.4	4.73	31.684	1.44
104	40.7	3.37	31.7	1.03
104.05	56.35	3.55	31.715	1.08
104.1	38.18	4.18	31.73	1.27
104.15	28.09	5.52	31.745	1.68
104.2	20.54	4.31	31.761	1.31
104.25	15.27	4.24	31.776	1.29
104.3	11.64	5.71	31.791	1.74
104.35	9.82	5.04	31.806	1.54
104.4	8.41	3.68	31.822	1.12
104.45	7.7	3.26	31.837	0.99

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104.5	7.35	3.85	31.852	1.17
104.55	6.68	7.84	31.867	2.39
104.6	6.34	4.73	31.883	1.44
104.65	6.17	4.99	31.898	1.52
104.7	6.58	4.54	31.913	1.38
104.75	6.79	8.16	31.928	2.49
104.8	7.4	4.51	31.944	1.37
104.85	8.2	7.78	31.959	2.37
104.9	9.6	4.33	31.974	1.32
104.95	9.3	9.31	31.989	2.84
105	8.15	6.49	32.005	1.98
105.05	7.07	4.89	32.02	1.49
105.1	14.04	5.1	32.035	1.56
105.15	23.02	2.23	32.05	0.68
105.2	29.01	3.72	32.066	1.13
105.25	22	3.59	32.081	1.09
105.3	16	3.62	32.096	1.1
105.35	15.5	3.85	32.111	1.17
105.4	13.75	3.62	32.126	1.1
105.45	12.38	3.83	32.142	1.17
105.5	10.69	3.56	32.157	1.09
105.55	9.84	4	32.172	1.22
105.6	9.92	6	32.187	1.83
105.65	10.96	3.51	32.203	1.07
105.7	10.98	4.23	32.218	1.29
105.75	22.99	3.91	32.233	1.19
105.8	33.5	7.27	32.248	2.22
105.85	46.75	4.18	32.264	1.28
105.9	45.37	6.52	32.279	1.99
105.95	50.69	6.16	32.294	1.88
106	34.84	3.29	32.309	1
106.05	26.92	5.42	32.325	1.65
106.1	25.96	5.53	32.34	1.69
106.15	16.98	5.27	32.355	1.61
106.2	14.49	3.57	32.37	1.09
106.25	13.75	3.73	32.386	1.14
106.3	13.37	4.14	32.401	1.26
106.35	14.69	3.83	32.416	1.17
106.4	17.34	2.44	32.431	0.74
106.45	19.67	3.49	32.447	1.06
106.5	20.34	2.78	32.462	0.85
106.55	17.67	2.83	32.477	0.86
106.6	13.83	1.1	32.492	0.33
106.65	12.92	0.61	32.508	0.19
106.7	12.46	0.53	32.523	0.16
106.75	11.73	0.47	32.538	0.14
106.8	10.36	0.64	32.553	0.19
106.85	9.68	0.96	32.568	0.29
106.9	8.84	0.66	32.584	0.2
106.95	7.92	0.69	32.599	0.21
107	7.46	0.82	32.614	0.25
107.05	7.23	1.52	32.629	0.46
107.1	8.12	0.88	32.645	0.27
107.15	10.06	1.34	32.66	0.41
107.2	14.53	1.2	32.675	0.37
107.25	16.26	1.32	32.69	0.4
107.3	15.63	1.04	32.706	0.32
107.35	14.82	1.1	32.721	0.34
107.4	11.41	1.25	32.736	0.38
107.45	10.7	1.62	32.751	0.49
107.5	9.85	0.87	32.767	0.27
107.55	8.93	1.05	32.782	0.32

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107.6	6.96	1.02	32.797	0.31
107.65	7.98	0.47	32.812	0.14
107.7	7.49	0.57	32.828	0.17
107.75	7.75	0.51	32.843	0.15
107.8	7.37	0.47	32.858	0.14
107.85	8.19	0.44	32.873	0.13
107.9	8.09	0.69	32.889	0.21
107.95	7.55	0.42	32.904	0.13
108	6.77	0.44	32.919	0.13
108.05	6.89	0.7	32.934	0.21
108.1	7.94	0.45	32.949	0.14
108.15	9.47	0.42	32.965	0.13
108.2	10.24	0.74	32.98	0.23
108.25	10.12	0.71	32.995	0.22
108.3	9.56	2.74	33.01	0.84
108.35	9.28	0.77	33.026	0.23
108.4	9.14	1.61	33.041	0.49
108.45	8.57	2.4	33.056	0.73
108.5	8.78	3.21	33.071	0.98
108.55	8.89	0.58	33.087	0.18
108.6	9.95	1.3	33.102	0.4
108.65	10.47	1.84	33.117	0.56
108.7	10.74	1.68	33.132	0.51
108.75	10.37	2.76	33.148	0.84
108.8	10.18	1.63	33.163	0.5
108.85	10.09	1.83	33.178	0.56
108.9	9.55	1.34	33.193	0.41
108.95	10.27	0.94	33.209	0.29
109	10.14	0.35	33.224	0.11
109.05	9.57	0.45	33.239	0.14
109.1	9.28	0.43	33.254	0.13
109.15	8.64	1.62	33.27	0.49
109.2	7.82	0.51	33.285	0.16
109.25	7.91	0.5	33.3	0.15
109.3	7.96	1.19	33.315	0.36
109.35	7.98	2.32	33.331	0.71
109.4	7.99	0.99	33.346	0.3
109.45	7.49	0.54	33.361	0.17
109.5	7.75	0.42	33.376	0.13
109.55	7.87	1.19	33.391	0.36
109.6	7.94	0.49	33.407	0.15
109.65	7.97	3.7	33.422	1.13
109.7	7.98	2.57	33.437	0.78
109.75	8.49	4.57	33.452	1.39
109.8	8.75	2.21	33.468	0.67
109.85	8.87	1.87	33.483	0.57
109.9	8.94	2.3	33.498	0.7
109.95	8.47	2.13	33.513	0.65
110	8.23	1.93	33.529	0.59
110.05	8.12	1.94	33.544	0.59
110.1	8.56	2.61	33.559	0.79
110.15	9.28	0.94	33.574	0.29
110.2	9.64	1.15	33.59	0.35
110.25	9.82	0.46	33.605	0.14
110.3	9.41	0.57	33.62	0.17
110.35	9.2	0.44	33.635	0.14
110.4	9.1	0.67	33.651	0.2
110.45	9.05	0.92	33.666	0.28
110.5	8.53	0.79	33.681	0.24
110.55	8.76	0.72	33.696	0.22
110.6	9.38	1.12	33.712	0.34
110.65	10.19	0.59	33.727	0.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	11.6	2.08	33.742	0.64
110.75	10.8	0.52	33.757	0.16
110.8	8.4	1.51	33.772	0.46
110.85	7.7	0.9	33.788	0.27
110.9	6.85	0.58	33.803	0.18
110.95	6.92	1.63	33.818	0.5
111	7.46	2.11	33.833	0.64
111.05	7.73	2.28	33.849	0.7
111.1	7.87	1.77	33.864	0.54
111.15	7.43	1.65	33.879	0.5
111.2	7.22	2.34	33.894	0.71
111.25	7.11	0.79	33.91	0.24
111.3	7.05	1.03	33.925	0.32
111.35	7.53	1.16	33.94	0.35
111.4	8.76	1.85	33.955	0.56
111.45	8.88	0.96	33.971	0.29
111.5	8.44	0.41	33.986	0.13
111.55	7.72	0.59	34.001	0.18
111.6	6.86	0.5	34.016	0.15
111.65	6.93	0.57	34.032	0.17
111.7	6.97	0.63	34.047	0.19
111.75	6.98	0.64	34.062	0.2
111.8	6.99	0.78	34.077	0.24
111.85	7	0.47	34.093	0.14
111.9	6.5	0.58	34.108	0.18
111.95	6.25	0.55	34.123	0.17
112	6.62	0.93	34.138	0.28
112.05	6.81	0.7	34.154	0.21
112.1	7.41	0.52	34.169	0.16
112.15	8.2	1	34.184	0.31
112.2	8.1	0.55	34.199	0.17
112.25	8.05	1.25	34.214	0.38
112.3	7.53	0.62	34.23	0.19
112.35	7.26	0.58	34.245	0.18
112.4	7.13	0.59	34.26	0.18
112.45	7.07	0.8	34.275	0.24
112.5	7.03	0.56	34.291	0.17
112.55	7.02	0.99	34.306	0.3
112.6	7.51	0.56	34.321	0.17
112.65	7.25	1.03	34.336	0.31
112.7	7.13	0.77	34.352	0.23
112.75	7.56	0.46	34.367	0.14
112.8	7.78	0.97	34.382	0.3
112.85	8.39	0.56	34.397	0.17
112.9	8.2	0.57	34.413	0.17
112.95	8.1	0.64	34.428	0.19
113	8.05	0.63	34.443	0.19
113.05	8.02	0.41	34.458	0.13
113.1	7.51	0.45	34.474	0.14
113.15	7.76	0.86	34.489	0.26
113.2	7.88	0.82	34.504	0.25
113.25	8.44	0.55	34.519	0.17
113.3	8.22	0.89	34.535	0.27
113.35	8.11	0.92	34.55	0.28
113.4	8.05	1.2	34.565	0.37
113.45	8.03	0.92	34.58	0.28
113.5	8.01	3.2	34.596	0.97
113.55	8.01	1.61	34.611	0.49
113.6	8	1.28	34.626	0.39
113.65	8	1.95	34.641	0.6
113.7	7.5	1.42	34.656	0.43
113.75	7.25	3.1	34.672	0.94

US EPA ARCHIVE DOCUMENT

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	7.13	4.35	34.687	1.33
113.85	7.06	1.36	34.702	0.41
113.9	6.53	1.9	34.717	0.58
113.95	6.77	1.15	34.733	0.35
114	6.88	0.86	34.748	0.26
114.05	6.44	1.31	34.763	0.4
114.1	6.72	0.37	34.778	0.11
114.15	6.86	1.69	34.794	0.51
114.2	6.93	0.95	34.809	0.29
114.25	7.47	0.7	34.824	0.21
114.3	7.23	1.05	34.839	0.32
114.35	7.12	2.82	34.855	0.86
114.4	6.56	0.71	34.87	0.22
114.45	6.78	0.57	34.885	0.17
114.5	6.39	0.61	34.9	0.18
114.55	6.19	3.04	34.916	0.93
114.6	6.6	0.5	34.931	0.15
114.65	6.3	1.36	34.946	0.41
114.7	6.15	2.24	34.961	0.68
114.75	6.07	4.06	34.977	1.24
114.8	6.04	1.72	34.992	0.52
114.85	6.02	2.23	35.007	0.68
114.9	6.01	2.34	35.022	0.71
114.95	6.5	1.32	35.037	0.4
115	6.75	1.71	35.053	0.52
115.05	6.88	2.13	35.068	0.65
115.1	6.94	2.02	35.083	0.62
115.15	6.47	1.73	35.098	0.53
115.2	6.73	1.17	35.114	0.36
115.25	6.87	1.38	35.129	0.42
115.3	6.93	2.27	35.144	0.69
115.35	6.97	0.76	35.159	0.23
115.4	6.98	0.86	35.175	0.26
115.45	6.99	0.76	35.19	0.23
115.5	7.5	0.79	35.205	0.24
115.55	7.75	1.14	35.22	0.35
115.6	7.37	1.19	35.236	0.36
115.65	7.19	0.79	35.251	0.24
115.7	6.59	1.18	35.266	0.36
115.75	6.3	0.67	35.281	0.2
115.8	6.15	1.99	35.297	0.61
115.85	6.57	0.52	35.312	0.16
115.9	7.29	0.77	35.327	0.23
115.95	7.14	1.46	35.342	0.45
116	7.07	2.26	35.358	0.69
116.05	7.04	0.8	35.373	0.24
116.1	7.02	0.93	35.388	0.28
116.15	7.01	0.96	35.403	0.29
116.2	7.5	1.83	35.419	0.56
116.25	7.75	1.1	35.434	0.34
116.3	7.38	1.67	35.449	0.51
116.35	6.69	0.63	35.464	0.19
116.4	6.34	1.39	35.479	0.42
116.45	6.17	0.95	35.495	0.29
116.5	6.09	0.76	35.51	0.23
116.55	5.54	0.62	35.525	0.19
116.6	5.77	0.37	35.54	0.11
116.65	6.39	0.61	35.556	0.18
116.7	7.19	0.72	35.571	0.22
116.75	7.6	0.59	35.586	0.18
116.8	7.3	0.57	35.601	0.17
116.85	7.15	0.56	35.617	0.17

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	7.07	0.52	35.632	0.16
116.95	6.54	0.48	35.647	0.15
117	6.27	0.81	35.662	0.25
117.05	5.63	0.74	35.678	0.23
117.1	5.32	0.4	35.693	0.12
117.15	5.16	0.45	35.708	0.14
117.2	5.58	1.14	35.723	0.35
117.25	6.29	0.86	35.739	0.26
117.3	6.64	0.48	35.754	0.15
117.35	7.32	1.11	35.769	0.34
117.4	8.16	1.4	35.784	0.43
117.45	7.08	0.99	35.8	0.3
117.5	7.04	0.74	35.815	0.23
117.55	6.52	0.8	35.83	0.24
117.6	6.76	0.44	35.845	0.13
117.65	6.88	0.64	35.861	0.2
117.7	6.94	0.39	35.876	0.12
117.75	6.97	0.51	35.891	0.16
117.8	6.99	0.75	35.906	0.23
117.85	6.99	0.44	35.921	0.13
117.9	7	0.37	35.937	0.11
117.95	7	0.75	35.952	0.23
118	7	0.44	35.967	0.13
118.05	7	0.41	35.982	0.12
118.1	7	0.67	35.998	0.21
118.15	7	0.43	36.013	0.13
118.2	7	0.38	36.028	0.12
118.25	6.5	0.46	36.043	0.14
118.3	6.25	0.5	36.059	0.15
118.35	6.62	1.04	36.074	0.32
118.4	6.81	0.76	36.089	0.23
118.45	6.41	0.85	36.104	0.26
118.5	6.7	0.48	36.12	0.15
118.55	6.35	0.82	36.135	0.25
118.6	7.18	4.49	36.15	1.37
118.65	7.59	4.6	36.165	1.4
118.7	7.79	7.12	36.181	2.17
118.75	8.4	0.64	36.196	0.19
118.8	8.2	1.37	36.211	0.42
118.85	8.6	0.7	36.226	0.21
118.9	8.8	1.44	36.242	0.44
118.95	8.4	0.44	36.257	0.13
119	8.7	0.49	36.272	0.15
119.05	8.85	0.72	36.287	0.22
119.1	8.42	1.64	36.302	0.5
119.15	8.21	0.47	36.318	0.14
119.2	8.11	1.27	36.333	0.39
119.25	8.05	0.43	36.348	0.13
119.3	8.53	1.65	36.363	0.5
119.35	8.76	0.84	36.379	0.26
119.4	8.38	0.71	36.394	0.22
119.45	8.19	0.37	36.409	0.11
119.5	8.1	3.06	36.424	0.93
119.55	8.05	1.59	36.44	0.48
119.6	8.52	1.19	36.455	0.36
119.65	8.26	2.02	36.47	0.62
119.7	8.63	2.57	36.485	0.78
119.75	8.82	4.58	36.501	1.4
119.8	8.41	1.05	36.516	0.32

US EPA ARCHIVE DOCUMENT

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Fri Jun 06 2008 22:55

LOG END DEPTH: 156.905 FEET

LOG END TIME: Sat Jun 07 2008 04:30

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	0.5	2.7	0	0.82
0.05	1.25	2.4	0.015	0.73
0.1	1.12	3.55	0.03	1.08
0.15	1.06	5.87	0.046	1.79
0.2	1.03	5.2	0.061	1.58
0.25	1.52	4.87	0.076	1.49
0.3	1.76	4.51	0.091	1.38
0.35	1.38	6.03	0.107	1.84
0.4	2.19	5.31	0.122	1.62
0.45	2.59	4.66	0.137	1.42
0.5	2.8	6.47	0.152	1.97
0.55	6.4	7.04	0.168	2.15
0.6	6.2	6.44	0.183	1.96
0.65	7.1	6.01	0.198	1.83
0.7	6.05	9.05	0.213	2.76
0.75	4.52	9.72	0.229	2.96
0.8	4.26	10.59	0.244	3.23
0.85	5.13	10.22	0.259	3.12
0.9	6.57	8.46	0.274	2.58
0.95	6.78	7.33	0.29	2.23
1	7.89	6.39	0.305	1.95
1.05	5.95	3.99	0.32	1.21
1.1	5.97	4.94	0.335	1.51
1.15	6.99	6	0.351	1.83
1.2	9.49	6.77	0.366	2.06
1.25	8.75	6.87	0.381	2.09
1.3	7.87	6.13	0.396	1.87
1.35	6.44	5.98	0.411	1.82
1.4	6.22	8.02	0.427	2.44
1.45	7.61	7.79	0.442	2.37
1.5	6.3	8.32	0.457	2.54
1.55	5.15	9.23	0.472	2.81
1.6	4.58	9.79	0.488	2.98
1.65	4.29	10.92	0.503	3.33
1.7	3.64	9.84	0.518	3
1.75	3.32	10.34	0.533	3.15
1.8	3.16	10.17	0.549	3.1
1.85	3.58	10.9	0.564	3.32
1.9	3.29	10.85	0.579	3.31
1.95	5.15	11.45	0.594	3.49
2	5.07	11.21	0.61	3.42
2.05	6.04	11.2	0.625	3.41
2.1	7.02	10.69	0.64	3.26
2.15	7.51	10.78	0.655	3.29

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	7.75	10.93	0.671	3.33
2.25	6.88	12.75	0.686	3.89
2.3	4.94	12.33	0.701	3.76
2.35	3.97	10.64	0.716	3.24
2.4	2.98	10.24	0.732	3.12
2.45	2.49	11.67	0.747	3.56
2.5	2.75	11.39	0.762	3.47
2.55	4.87	10.28	0.777	3.13
2.6	3.94	10.28	0.792	3.13
2.65	8.97	4.09	0.808	1.25
2.7	11.48	6.53	0.823	1.99
2.75	12.24	8.48	0.838	2.58
2.8	13.12	9	0.853	2.74
2.85	11.56	9.81	0.869	2.99
2.9	6.28	10.32	0.884	3.15
2.95	5.64	12.06	0.899	3.68
3	11.32	12.54	0.914	3.82
3.05	17.66	11.93	0.93	3.64
3.1	15.33	9.95	0.945	3.03
3.15	13.67	10.99	0.96	3.35
3.2	27.33	10.99	0.975	3.35
3.25	35.67	10.8	0.991	3.29
3.3	58.33	8.32	1.006	2.53
3.35	49.17	9.27	1.021	2.83
3.4	39.58	9.89	1.036	3.01
3.45	40.79	9.18	1.052	2.8
3.5	50.9	9.58	1.067	2.92
3.55	63.45	9.35	1.082	2.85
3.6	64.22	12.72	1.097	3.88
3.65	63.11	13.69	1.113	4.17
3.7	56.06	13.7	1.128	4.18
3.75	44.03	14.57	1.143	4.44
3.8	30.51	13.91	1.158	4.24
3.85	30.76	15.12	1.173	4.61
3.9	29.38	15.23	1.189	4.64
3.95	30.69	16.02	1.204	4.88
4	20.34	16.43	1.219	5.01
4.05	25.17	16.77	1.234	5.11
4.1	23.59	17.58	1.25	5.36
4.15	24.79	19.27	1.265	5.87
4.2	26.9	17.2	1.28	5.24
4.25	35.45	17.94	1.295	5.47
4.3	39.22	16.9	1.311	5.15
4.35	33.61	16.1	1.326	4.91
4.4	28.31	16.26	1.341	4.96
4.45	28.65	15.04	1.356	4.58
4.5	39.33	16.78	1.372	5.11
4.55	39.16	16.42	1.387	5
4.6	37.58	16.13	1.402	4.92
4.65	28.29	15.08	1.417	4.6
4.7	31.65	16.13	1.433	4.92
4.75	18.32	15.67	1.448	4.78
4.8	27.16	13.93	1.463	4.25
4.85	32.08	14.65	1.478	4.47
4.9	30.04	15.72	1.494	4.79
4.95	23.52	13.81	1.509	4.21
5	22.76	14.62	1.524	4.46
5.05	23.38	14	1.539	4.27
5.1	21.19	14.8	1.554	4.51
5.15	23.1	17.72	1.57	5.4
5.2	21.55	16.96	1.585	5.17
5.25	29.77	15.72	1.6	4.79

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	25.39	15.32	1.615	4.67
5.35	25.19	15.17	1.631	4.62
5.4	23.1	16.43	1.646	5.01
5.45	23.55	15.04	1.661	4.58
5.5	24.27	15.38	1.676	4.69
5.55	25.14	14.93	1.692	4.55
5.6	30.57	16.25	1.707	4.95
5.65	39.78	14.51	1.722	4.42
5.7	36.39	15.3	1.737	4.66
5.75	43.7	15.13	1.753	4.61
5.8	29.85	16.05	1.768	4.89
5.85	38.92	15.09	1.783	4.6
5.9	39.96	15.03	1.798	4.58
5.95	36.48	15.1	1.814	4.6
6	33.24	14.1	1.829	4.3
6.05	25.62	15.52	1.844	4.73
6.1	21.31	14.14	1.859	4.31
6.15	20.16	14.47	1.875	4.41
6.2	17.08	14.69	1.89	4.48
6.25	24.54	15.15	1.905	4.62
6.3	21.27	15.33	1.92	4.67
6.35	19.63	15.2	1.935	4.63
6.4	27.32	14.77	1.951	4.5
6.45	21.16	14.28	1.966	4.35
6.5	31.08	14.67	1.981	4.47
6.55	25.04	14.84	1.996	4.52
6.6	27.02	15.34	2.012	4.68
6.65	27.51	16.52	2.027	5.03
6.7	33.25	15.08	2.042	4.6
6.75	26.63	14.56	2.057	4.44
6.8	26.81	14.55	2.073	4.43
6.85	24.91	14.75	2.088	4.5
6.9	35.45	14.26	2.103	4.35
6.95	39.73	14.83	2.118	4.52
7	43.36	14.22	2.134	4.33
7.05	36.68	15.66	2.149	4.77
7.1	35.84	15.19	2.164	4.63
7.15	40.42	13.89	2.179	4.23
7.2	45.71	13.67	2.195	4.17
7.25	44.86	14.47	2.21	4.41
7.3	48.93	14.76	2.225	4.5
7.35	29.46	14.27	2.24	4.35
7.4	18.73	14.76	2.256	4.5
7.45	21.87	14.51	2.271	4.42
7.5	13.43	14.64	2.286	4.46
7.55	9.22	14.02	2.301	4.27
7.6	14.61	1.26	2.316	0.38
7.65	23.3	2.82	2.332	0.86
7.7	13.65	5.82	2.347	1.77
7.75	13.33	8.6	2.362	2.62
7.8	15.16	10.84	2.377	3.3
7.85	23.08	13.2	2.393	4.02
7.9	22.54	16.45	2.408	5.01
7.95	22.27	13.74	2.423	4.19
8	19.14	15.88	2.438	4.84
8.05	20.07	15.54	2.454	4.74
8.1	18.53	17.82	2.469	5.43
8.15	13.27	16.93	2.484	5.16
8.2	13.13	16.88	2.499	5.15
8.25	21.57	17.68	2.515	5.39
8.3	24.28	18.13	2.53	5.53
8.35	29.14	17.59	2.545	5.36

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	24.07	19.11	2.56	5.82
8.45	25.54	18.38	2.576	5.6
8.5	28.77	20.85	2.591	6.35
8.55	26.38	16.6	2.606	5.06
8.6	21.69	16.65	2.621	5.07
8.65	31.35	17.88	2.637	5.45
8.7	28.67	18.39	2.652	5.6
8.75	25.34	15.44	2.667	4.71
8.8	25.17	16.5	2.682	5.03
8.85	26.58	16.01	2.697	4.88
8.9	35.29	14.92	2.713	4.55
8.95	38.65	16.99	2.728	5.18
9	23.82	17.14	2.743	5.22
9.05	29.41	16.54	2.758	5.04
9.1	27.71	16.81	2.774	5.13
9.15	32.85	16.06	2.789	4.89
9.2	21.93	15.86	2.804	4.84
9.25	15.96	16.42	2.819	5
9.3	25.48	16.73	2.835	5.1
9.35	23.24	16.6	2.85	5.06
9.4	29.62	16.62	2.865	5.07
9.45	32.31	16.49	2.88	5.03
9.5	39.66	15.73	2.896	4.79
9.55	31.33	17.15	2.911	5.23
9.6	35.16	15.46	2.926	4.71
9.65	26.58	16.88	2.941	5.15
9.7	34.79	15.89	2.957	4.84
9.75	33.4	18.31	2.972	5.58
9.8	24.2	14.76	2.987	4.5
9.85	23.1	16.25	3.002	4.95
9.9	18.05	14.93	3.018	4.55
9.95	12.02	16.42	3.033	5
10	18.51	14.27	3.048	4.35
10.05	14.26	15.77	3.063	4.81
10.1	9.63	14.21	3.078	4.33
10.15	14.81	13.39	3.094	4.08
10.2	9.91	14.13	3.109	4.31
10.25	15.95	15.86	3.124	4.83
10.3	10.98	14.04	3.139	4.28
10.35	17.49	14.4	3.155	4.39
10.4	19.24	17.32	3.17	5.28
10.45	24.62	15.23	3.185	4.64
10.5	18.31	14.66	3.2	4.47
10.55	22.16	15.59	3.216	4.75
10.6	28.08	15.95	3.231	4.86
10.65	22.04	15.66	3.246	4.77
10.7	24.52	14.97	3.261	4.56
10.75	27.76	14.47	3.277	4.41
10.8	19.38	15.49	3.292	4.72
10.85	22.19	15.92	3.307	4.85
10.9	19.59	15.89	3.322	4.84
10.95	25.3	16.45	3.338	5.01
11	17.15	15.52	3.353	4.73
11.05	20.57	14.64	3.368	4.46
11.1	12.79	15.57	3.383	4.75
11.15	9.89	15.53	3.399	4.73
11.2	9.45	15.46	3.414	4.71
11.25	8.22	15.49	3.429	4.72
11.3	7.61	15.16	3.444	4.62
11.35	13.81	15.24	3.459	4.65
11.4	22.9	13.32	3.475	4.06
11.45	22.45	14.66	3.49	4.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	17.73	15.77	3.505	4.81
11.55	14.86	14.7	3.52	4.48
11.6	21.93	13.86	3.536	4.22
11.65	20.97	14.7	3.551	4.48
11.7	25.48	14.37	3.566	4.38
11.75	29.74	15.44	3.581	4.71
11.8	28.87	14.46	3.597	4.41
11.85	27.94	15.08	3.612	4.6
11.9	16.97	15.02	3.627	4.58
11.95	11.48	15.62	3.642	4.76
12	9.24	14.4	3.658	4.39
12.05	8.62	14.97	3.673	4.56
12.1	7.31	13.48	3.688	4.11
12.15	6.16	14.35	3.703	4.38
12.2	12.58	14.78	3.719	4.51
12.25	12.29	15.14	3.734	4.61
12.3	11.14	13.89	3.749	4.23
12.35	8.07	13.4	3.764	4.08
12.4	8.54	14.74	3.78	4.49
12.45	9.77	14.58	3.795	4.44
12.5	7.88	14.01	3.81	4.27
12.55	15.94	15.29	3.825	4.66
12.6	18.47	2.99	3.84	0.91
12.65	11.24	3.36	3.856	1.02
12.7	7.62	5	3.871	1.52
12.75	7.31	5.61	3.886	1.71
12.8	7.15	4.99	3.901	1.52
12.85	9.08	5.17	3.917	1.58
12.9	5.04	8.81	3.932	2.69
12.95	3.02	11.18	3.947	3.41
13	11.51	4.78	3.962	1.46
13.05	7.75	4.77	3.978	1.45
13.1	6.88	7.87	3.993	2.4
13.15	11.94	9.09	4.008	2.77
13.2	15.97	10.99	4.023	3.35
13.25	11.48	11.51	4.039	3.51
13.3	9.24	16.47	4.054	5.02
13.35	9.62	15.09	4.069	4.6
13.4	8.31	15.33	4.084	4.67
13.45	8.16	17.19	4.1	5.24
13.5	8.08	19.04	4.115	5.8
13.55	8.04	17.19	4.13	5.24
13.6	17.52	15.22	4.145	4.64
13.65	11.26	15.35	4.161	4.68
13.7	8.63	14.43	4.176	4.4
13.75	12.31	15.52	4.191	4.73
13.8	27.16	14.03	4.206	4.28
13.85	19.08	16.22	4.221	4.94
13.9	15.54	12.98	4.237	3.95
13.95	10.27	14.03	4.252	4.28
14	10.63	13.45	4.267	4.1
14.05	25.82	14.1	4.282	4.3
14.1	26.91	12.59	4.298	3.84
14.15	22.45	15.15	4.313	4.62
14.2	26.23	14.15	4.328	4.31
14.25	27.61	13.71	4.343	4.18
14.3	16.81	13.72	4.359	4.18
14.35	11.4	14.75	4.374	4.5
14.4	21.2	15.87	4.389	4.84
14.45	13.6	14.83	4.404	4.52
14.5	15.3	15.37	4.42	4.69
14.55	10.65	15.2	4.435	4.63

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14.6	19.83	15.72	4.45	4.79
14.65	12.41	16.96	4.465	5.17
14.7	10.21	17.43	4.481	5.31
14.75	10.6	16.48	4.496	5.02
14.8	15.8	17.01	4.511	5.19
14.85	15.9	17.17	4.526	5.23
14.9	15.45	17.72	4.542	5.4
14.95	15.73	18.52	4.557	5.65
15	16.86	17.17	4.572	5.23
15.05	21.43	17.24	4.587	5.25
15.1	31.22	17.76	4.602	5.41
15.15	43.61	19.13	4.618	5.83
15.2	73.3	16.53	4.633	5.04
15.25	59.15	17.34	4.648	5.28
15.3	64.08	17.39	4.663	5.3
15.35	77.54	16.05	4.679	4.89
15.4	72.27	16.5	4.694	5.03
15.45	64.63	18.25	4.709	5.56
15.5	60.82	17.68	4.724	5.39
15.55	59.91	17.17	4.74	5.23
15.6	32.95	18.26	4.755	5.56
15.65	28.98	18.19	4.77	5.54
15.7	18.49	18.41	4.785	5.61
15.75	24.74	18.97	4.801	5.78
15.8	22.37	18.97	4.816	5.78
15.85	20.69	18.61	4.831	5.67
15.9	22.84	19.07	4.846	5.81
15.95	26.92	19.01	4.862	5.79
16	39.96	19.73	4.877	6.01
16.05	45.48	18.92	4.892	5.77
16.1	58.74	19	4.907	5.79
16.15	49.87	18.31	4.923	5.58
16.2	41.94	18.37	4.938	5.6
16.25	37.97	18.21	4.953	5.55
16.3	34.98	17.43	4.968	5.31
16.35	33.99	18.68	4.983	5.69
16.4	36	19.39	4.999	5.91
16.45	40	16.83	5.014	5.13
16.5	51	16.93	5.029	5.16
16.55	75.5	18.39	5.044	5.6
16.6	67.75	16.64	5.06	5.07
16.65	49.37	17.42	5.075	5.31
16.7	45.69	18.21	5.09	5.55
16.75	29.84	17.56	5.105	5.35
16.8	47.42	17.71	5.121	5.4
16.85	51.71	18.64	5.136	5.68
16.9	42.36	18.63	5.151	5.68
16.95	36.68	17.89	5.166	5.45
17	34.84	17.46	5.182	5.32
17.05	34.92	17.67	5.197	5.39
17.1	45.96	17.49	5.212	5.33
17.15	69.48	17.77	5.227	5.42
17.2	70.24	17.41	5.243	5.31
17.25	65.62	18.96	5.258	5.78
17.3	45.81	18.06	5.273	5.5
17.35	62.4	18.85	5.288	5.75
17.4	77.7	17.6	5.304	5.36
17.45	80.85	17.51	5.319	5.34
17.5	64.93	17.56	5.334	5.35
17.55	38.96	17.57	5.349	5.36
17.6	22.48	17.13	5.364	5.22
17.65	24.74	2.84	5.38	0.87

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17.7	17.37	3.87	5.395	1.18
17.75	11.19	6.97	5.41	2.13
17.8	22.09	7.66	5.425	2.33
17.85	35.55	7.43	5.441	2.26
17.9	44.77	14.01	5.456	4.27
17.95	32.39	11.87	5.471	3.62
18	24.19	16.63	5.486	5.07
18.05	43.1	13.99	5.502	4.26
18.1	47.05	18.17	5.517	5.54
18.15	45.52	16.37	5.532	4.99
18.2	48.76	19.46	5.547	5.93
18.25	46.88	17.62	5.563	5.37
18.3	49.94	18.1	5.578	5.52
18.35	41.97	17.67	5.593	5.39
18.4	32.49	18.23	5.608	5.56
18.45	34.74	18.7	5.624	5.7
18.5	38.87	18.28	5.639	5.57
18.55	41.44	17.34	5.654	5.29
18.6	40.72	17.29	5.669	5.27
18.65	53.86	15.84	5.685	4.83
18.7	39.93	18.86	5.7	5.75
18.75	39.46	15.52	5.715	4.73
18.8	32.23	15.29	5.73	4.66
18.85	27.12	16.45	5.745	5.02
18.9	51.06	13.2	5.761	4.02
18.95	49.53	14.14	5.776	4.31
19	40.76	16.13	5.791	4.92
19.05	33.38	13.91	5.806	4.24
19.1	37.19	11.87	5.822	3.62
19.15	40.6	13.09	5.837	3.99
19.2	23.8	13.61	5.852	4.15
19.25	16.4	14.27	5.867	4.35
19.3	19.2	13.25	5.883	4.04
19.35	35.6	14.81	5.898	4.51
19.4	26.3	15.31	5.913	4.67
19.45	18.15	15.36	5.928	4.68
19.5	24.57	13.98	5.944	4.26
19.55	21.79	14.34	5.959	4.37
19.6	18.89	14.25	5.974	4.34
19.65	17.95	15.07	5.989	4.59
19.7	17.47	14.68	6.005	4.47
19.75	21.24	15.2	6.02	4.63
19.8	22.12	15.27	6.035	4.66
19.85	23.56	15.09	6.05	4.6
19.9	16.78	14.25	6.066	4.34
19.95	34.89	15.72	6.081	4.79
20	34.94	13.9	6.096	4.24
20.05	33.97	14.32	6.111	4.36
20.1	32.99	13.26	6.126	4.04
20.15	33.49	14.33	6.142	4.37
20.2	30.75	12.94	6.157	3.94
20.25	31.37	14.78	6.172	4.5
20.3	41.19	12.91	6.187	3.93
20.35	24.09	11.81	6.203	3.6
20.4	20.05	13.1	6.218	3.99
20.45	27.52	12.75	6.233	3.89
20.5	46.76	13.31	6.248	4.06
20.55	26.88	13.04	6.264	3.97
20.6	37.94	13.48	6.279	4.11
20.65	22.97	13.09	6.294	3.99
20.7	40.49	13.68	6.309	4.17
20.75	23.74	12.85	6.325	3.92

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.8	16.37	13.66	6.34	4.16
20.85	11.19	14.81	6.355	4.51
20.9	8.09	15.64	6.37	4.77
20.95	7.55	13.62	6.386	4.15
21	7.27	14.46	6.401	4.41
21.05	7.14	13.86	6.416	4.22
21.1	7.57	13.75	6.431	4.19
21.15	7.78	14.37	6.447	4.38
21.2	7.89	14.13	6.462	4.31
21.25	7.95	13.29	6.477	4.05
21.3	8.47	13.4	6.492	4.08
21.35	7.74	13.14	6.507	4
21.4	7.87	12.77	6.523	3.89
21.45	10.93	13.44	6.538	4.1
21.5	9.97	14.09	6.553	4.29
21.55	12.48	13.34	6.568	4.07
21.6	10.24	12.12	6.584	3.7
21.65	12.62	13.1	6.599	3.99
21.7	14.81	13.22	6.614	4.03
21.75	11.41	13.21	6.629	4.03
21.8	13.2	12.96	6.645	3.95
21.85	16.1	12.76	6.66	3.89
21.9	11.05	13.7	6.675	4.17
21.95	8.03	12.8	6.69	3.9
22	6.51	12.62	6.706	3.85
22.05	5.76	13.85	6.721	4.22
22.1	5.38	12.24	6.736	3.73
22.15	4.69	13.03	6.751	3.97
22.2	5.34	12.98	6.767	3.96
22.25	5.67	12.3	6.782	3.75
22.3	6.34	13.67	6.797	4.17
22.35	6.17	13.05	6.812	3.98
22.4	6.08	13.12	6.828	4
22.45	6.54	12.92	6.843	3.94
22.5	6.27	12.43	6.858	3.79
22.55	6.64	13.04	6.873	3.98
22.6	15.32	2.21	6.888	0.67
22.65	10.16	7.06	6.904	2.15
22.7	7.08	11.91	6.919	3.63
22.75	7.04	10.55	6.934	3.21
22.8	6.52	10.48	6.949	3.19
22.85	6.76	10.72	6.965	3.27
22.9	4.38	15.35	6.98	4.68
22.95	3.19	12.93	6.995	3.94
23	4.09	14.07	7.01	4.29
23.05	5.55	15.51	7.026	4.73
23.1	6.27	17.89	7.041	5.45
23.15	6.64	16.77	7.056	5.11
23.2	6.32	18.56	7.071	5.66
23.25	6.66	17.84	7.087	5.44
23.3	6.33	18.94	7.102	5.77
23.35	6.66	19.05	7.117	5.81
23.4	5.83	19.19	7.132	5.85
23.45	4.42	18.9	7.148	5.76
23.5	3.21	21.43	7.163	6.53
23.55	2.6	18.06	7.178	5.51
23.6	2.3	19.02	7.193	5.8
23.65	2.15	17.47	7.208	5.33
23.7	2.08	19.14	7.224	5.83
23.75	2.04	18.2	7.239	5.55
23.8	2.02	16.68	7.254	5.08
23.85	2.01	17.44	7.269	5.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	1.5	18.91	7.285	5.76
23.95	2.75	18.51	7.3	5.64
24	4.38	20.48	7.315	6.24
24.05	5.69	17.03	7.33	5.19
24.1	6.34	15.37	7.346	4.68
24.15	6.67	16.29	7.361	4.97
24.2	6.34	17.4	7.376	5.3
24.25	6.17	17.33	7.391	5.28
24.3	4.58	16.12	7.407	4.91
24.35	2.79	18.88	7.422	5.75
24.4	1.9	18.39	7.437	5.61
24.45	1.45	17.55	7.452	5.35
24.5	1.72	16.76	7.468	5.11
24.55	2.36	18.69	7.483	5.7
24.6	2.18	17.73	7.498	5.41
24.65	1.59	17.88	7.513	5.45
24.7	2.3	17.25	7.529	5.26
24.75	3.65	19.87	7.544	6.06
24.8	4.82	17.18	7.559	5.24
24.85	5.41	19.26	7.574	5.87
24.9	5.71	17.56	7.589	5.35
24.95	5.85	20	7.605	6.1
25	6.93	17.74	7.62	5.41
25.05	7.46	17.05	7.635	5.2
25.1	7.23	17.69	7.65	5.39
25.15	6.62	20.52	7.666	6.25
25.2	4.31	18.42	7.681	5.61
25.25	5.65	18.84	7.696	5.74
25.3	5.83	18.17	7.711	5.54
25.35	13.41	19.44	7.727	5.93
25.4	13.21	18.09	7.742	5.51
25.45	9.1	18.01	7.757	5.49
25.5	6.55	17.97	7.772	5.48
25.55	6.28	16.91	7.788	5.16
25.6	5.64	18.35	7.803	5.59
25.65	4.82	16.86	7.818	5.14
25.7	24.41	18.39	7.833	5.61
25.75	17.2	18.04	7.849	5.5
25.8	39.1	18.53	7.864	5.65
25.85	31.05	18.25	7.879	5.56
25.9	24.53	18.68	7.894	5.69
25.95	18.26	18.33	7.91	5.59
26	29.13	20.06	7.925	6.11
26.05	37.07	19.02	7.94	5.8
26.1	35.03	18.58	7.955	5.66
26.15	30.02	19.19	7.97	5.85
26.2	22.01	19.85	7.986	6.05
26.25	16	19.51	8.001	5.95
26.3	15.5	18.37	8.016	5.6
26.35	16.75	18.78	8.031	5.73
26.4	17.88	19.97	8.047	6.09
26.45	17.94	19.44	8.062	5.93
26.5	17.47	18.5	8.077	5.64
26.55	16.23	17.57	8.092	5.35
26.6	15.62	19.06	8.108	5.81
26.65	15.31	17.81	8.123	5.43
26.7	16.15	17.55	8.138	5.35
26.75	18.58	18.48	8.153	5.63
26.8	22.79	17.96	8.169	5.47
26.85	26.89	18.82	8.184	5.74
26.9	29.95	18.21	8.199	5.55
26.95	31.97	18.3	8.214	5.58

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	32.49	17.94	8.23	5.47
27.05	34.74	18.42	8.245	5.61
27.1	36.87	17.28	8.26	5.27
27.15	37.94	18.84	8.275	5.74
27.2	38.97	19.04	8.291	5.8
27.25	39.48	18.38	8.306	5.6
27.3	39.74	18.31	8.321	5.58
27.35	39.87	18.23	8.336	5.56
27.4	39.44	17.59	8.351	5.36
27.45	38.72	17.86	8.367	5.44
27.5	37.86	16.56	8.382	5.05
27.55	37.43	16.25	8.397	4.95
27.6	37.21	11.19	8.412	3.41
27.65	36.61	1.79	8.428	0.55
27.7	37.3	6.4	8.443	1.95
27.75	40.15	8.17	8.458	2.49
27.8	41.58	9.33	8.473	2.84
27.85	41.29	13.42	8.489	4.09
27.9	41.64	11.8	8.504	3.6
27.95	42.32	10.49	8.519	3.2
28	42.16	11.62	8.534	3.54
28.05	42.08	11.23	8.55	3.42
28.1	41.54	15.32	8.565	4.67
28.15	40.77	12.96	8.58	3.95
28.2	40.39	12.03	8.595	3.67
28.25	39.69	11.67	8.611	3.56
28.3	38.85	10.71	8.626	3.26
28.35	38.42	9.14	8.641	2.79
28.4	38.71	8.16	8.656	2.49
28.45	38.36	8.63	8.672	2.63
28.5	38.18	7.64	8.687	2.33
28.55	38.09	8.74	8.702	2.67
28.6	38.54	10.99	8.717	3.35
28.65	38.77	12.41	8.732	3.78
28.7	39.39	14.21	8.748	4.33
28.75	39.69	12.8	8.763	3.9
28.8	39.85	14.1	8.778	4.3
28.85	39.92	15.55	8.793	4.74
28.9	39.96	18.02	8.809	5.49
28.95	39.98	14.4	8.824	4.39
29	39.99	16.71	8.839	5.09
29.05	40.5	15.9	8.854	4.85
29.1	40.25	19.6	8.87	5.97
29.15	39.62	17.31	8.885	5.28
29.2	39.81	16.47	8.9	5.02
29.25	39.41	17.02	8.915	5.19
29.3	39.7	15.73	8.931	4.8
29.35	39.85	17.21	8.946	5.25
29.4	40.93	19.45	8.961	5.93
29.45	41.46	16.98	8.976	5.18
29.5	41.73	18.13	8.992	5.53
29.55	41.37	19.11	9.007	5.82
29.6	40.68	17.76	9.022	5.41
29.65	39.84	17.01	9.037	5.18
29.7	39.92	17.09	9.053	5.21
29.75	39.96	18.78	9.068	5.73
29.8	39.98	17.2	9.083	5.24
29.85	39.49	17.39	9.098	5.3
29.9	39.25	16.77	9.113	5.11
29.95	39.62	17.3	9.129	5.27
30	39.31	15.7	9.144	4.79
30.05	39.66	11.12	9.159	3.39

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	39.33	11.62	9.174	3.54
30.15	39.16	11.91	9.19	3.63
30.2	39.08	12.48	9.205	3.8
30.25	39.04	12.32	9.22	3.76
30.3	38.52	11.04	9.235	3.37
30.35	37.76	14.21	9.251	4.33
30.4	37.38	12	9.266	3.66
30.45	37.69	12.05	9.281	3.67
30.5	38.35	13.02	9.296	3.97
30.55	38.67	12.69	9.312	3.87
30.6	39.84	12.23	9.327	3.73
30.65	41.42	13.12	9.342	4
30.7	41.71	12.53	9.357	3.82
30.75	41.85	13.12	9.373	4
30.8	41.93	12.88	9.388	3.93
30.85	42.46	13.32	9.403	4.06
30.9	42.73	14.65	9.418	4.46
30.95	43.37	13.14	9.434	4.01
31	43.68	13.59	9.449	4.14
31.05	43.34	12.58	9.464	3.83
31.1	42.67	12.8	9.479	3.9
31.15	41.84	13.38	9.494	4.08
31.2	41.42	13.6	9.51	4.14
31.25	40.71	13.84	9.525	4.22
31.3	40.85	13.63	9.54	4.15
31.35	40.43	13.31	9.555	4.06
31.4	40.21	13.51	9.571	4.12
31.45	40.61	13.88	9.586	4.23
31.5	40.8	14.45	9.601	4.4
31.55	41.4	12.76	9.616	3.89
31.6	42.2	12.17	9.632	3.71
31.65	42.6	12.5	9.647	3.81
31.7	42.8	12.93	9.662	3.94
31.75	41.9	12.72	9.677	3.88
31.8	41.45	12.23	9.693	3.73
31.85	41.23	11.73	9.708	3.58
31.9	41.11	12.57	9.723	3.83
31.95	41.56	12.17	9.738	3.71
32	41.28	11.76	9.754	3.59
32.05	40.64	11.77	9.769	3.59
32.1	39.32	12.73	9.784	3.88
32.15	38.66	12.01	9.799	3.66
32.2	38.33	11.14	9.814	3.4
32.25	38.16	11.04	9.83	3.37
32.3	38.58	11.51	9.845	3.51
32.35	37.79	11.11	9.86	3.39
32.4	36.9	11.3	9.875	3.44
32.45	35.95	10.52	9.891	3.21
32.5	35.47	11.09	9.906	3.38
32.55	34.24	9.89	9.921	3.01
32.6	33.62	7.44	9.936	2.27
32.65	33.31	2.98	9.952	0.91
32.7	33.15	6.43	9.967	1.96
32.75	45.58	5.85	9.982	1.78
32.8	40.79	3.95	9.997	1.2
32.85	38.89	5.95	10.013	1.81
32.9	36.45	6.3	10.028	1.92
32.95	35.72	1.19	10.043	0.36
33	35.36	5.4	10.058	1.65
33.05	35.68	4.35	10.074	1.32
33.1	36.84	5.81	10.089	1.77
33.15	37.92	8.13	10.104	2.48

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	37.46	5.64	10.119	1.72
33.25	39.73	5.24	10.135	1.6
33.3	42.37	7.47	10.15	2.28
33.35	43.68	6.43	10.165	1.96
33.4	44.34	6.65	10.18	2.03
33.45	46.17	7.82	10.195	2.38
33.5	44.09	9.23	10.211	2.81
33.55	42.54	9.47	10.226	2.89
33.6	39.27	8.1	10.241	2.47
33.65	35.64	9.56	10.256	2.91
33.7	32.82	11.34	10.272	3.46
33.75	31.91	10.49	10.287	3.2
33.8	30.95	9.5	10.302	2.9
33.85	31.48	8.69	10.317	2.65
33.9	31.74	6.63	10.333	2.02
33.95	32.87	6.9	10.348	2.1
34	34.93	9.18	10.363	2.8
34.05	36.47	7	10.378	2.13
34.1	37.73	10.51	10.394	3.2
34.15	38.87	7.76	10.409	2.37
34.2	41.93	8.44	10.424	2.57
34.25	41.97	7.86	10.439	2.4
34.3	41.98	7.53	10.455	2.29
34.35	39.99	8.7	10.47	2.65
34.4	39	8.97	10.485	2.73
34.45	38.5	8.55	10.5	2.61
34.5	38.75	7.95	10.516	2.42
34.55	39.37	9.1	10.531	2.77
34.6	39.19	9.73	10.546	2.97
34.65	38.09	10.51	10.561	3.2
34.7	37.05	9.91	10.576	3.02
34.75	37.02	10.26	10.592	3.13
34.8	36.51	11.39	10.607	3.47
34.85	36.26	11.24	10.622	3.43
34.9	36.63	11.51	10.637	3.51
34.95	36.31	10.45	10.653	3.19
35	36.66	10.32	10.668	3.14
35.05	37.33	10.84	10.683	3.3
35.1	38.16	11.01	10.698	3.36
35.15	39.08	10.78	10.714	3.28
35.2	38.54	10.73	10.729	3.27
35.25	38.27	10.55	10.744	3.22
35.3	37.14	9.89	10.759	3.02
35.35	36.07	10.11	10.775	3.08
35.4	34.53	9.67	10.79	2.95
35.45	33.77	9.09	10.805	2.77
35.5	33.88	9.74	10.82	2.97
35.55	32.94	8.8	10.836	2.68
35.6	32.97	9.77	10.851	2.98
35.65	32.49	9.37	10.866	2.86
35.7	32.74	8	10.881	2.44
35.75	33.37	8.67	10.897	2.64
35.8	33.19	7.3	10.912	2.23
35.85	34.09	8.78	10.927	2.68
35.9	34.55	8.71	10.942	2.66
35.95	34.77	8.28	10.957	2.52
36	34.89	10.04	10.973	3.06
36.05	34.94	8.89	10.988	2.71
36.1	34.97	8.82	11.003	2.69
36.15	34.49	8.47	11.018	2.58
36.2	34.24	8.03	11.034	2.45
36.25	34.12	6.7	11.049	2.04

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	33.56	8.32	11.064	2.54
36.35	33.28	8.67	11.079	2.64
36.4	33.64	9.8	11.095	2.99
36.45	33.82	9.38	11.11	2.86
36.5	33.41	10.43	11.125	3.18
36.55	33.21	9.37	11.14	2.86
36.6	32.6	10.98	11.156	3.35
36.65	32.8	10.81	11.171	3.29
36.7	32.9	10.91	11.186	3.33
36.75	32.95	11.03	11.201	3.36
36.8	32.98	10.23	11.217	3.12
36.85	32.99	10.04	11.232	3.06
36.9	32.49	10.79	11.247	3.29
36.95	32.25	10.27	11.262	3.13
37	32.12	9.95	11.278	3.03
37.05	31.56	10.65	11.293	3.25
37.1	31.28	10.36	11.308	3.16
37.15	31.14	10.48	11.323	3.19
37.2	30.57	9.93	11.338	3.03
37.25	30.29	9.86	11.354	3
37.3	29.64	10.34	11.369	3.15
37.35	29.32	10.64	11.384	3.24
37.4	28.66	9.68	11.399	2.95
37.45	28.33	10.31	11.415	3.14
37.5	28.17	9.41	11.43	2.87
37.55	28.08	9.8	11.445	2.99
37.6	28.04	7.41	11.46	2.26
37.65	27.52	2.39	11.476	0.73
37.7	26.26	6.31	11.491	1.92
37.75	26.13	5.63	11.506	1.72
37.8	26.07	4.85	11.521	1.48
37.85	25.53	5.91	11.537	1.8
37.9	25.77	5.81	11.552	1.77
37.95	26.38	8.78	11.567	2.68
38	26.69	8.47	11.582	2.58
38.05	26.85	9.03	11.598	2.75
38.1	28.42	13.02	11.613	3.97
38.15	28.21	14.02	11.628	4.27
38.2	28.11	13.92	11.643	4.24
38.25	28.05	16.03	11.659	4.89
38.3	28.03	18.82	11.674	5.74
38.35	28.01	15.6	11.689	4.76
38.4	28.01	17.01	11.704	5.19
38.45	27.5	17.97	11.719	5.48
38.5	27.75	18.11	11.735	5.52
38.55	27.38	17.5	11.75	5.33
38.6	28.19	17.37	11.765	5.29
38.65	28.09	17.79	11.78	5.42
38.7	28.55	18.38	11.796	5.6
38.75	28.77	16.65	11.811	5.07
38.8	28.89	18.37	11.826	5.6
38.85	28.44	16.92	11.841	5.16
38.9	29.22	14.93	11.857	4.55
38.95	30.11	16.56	11.872	5.05
39	29.56	20.13	11.887	6.14
39.05	30.28	16.72	11.902	5.1
39.1	30.14	18.92	11.918	5.77
39.15	29.57	15.61	11.933	4.76
39.2	30.28	15.34	11.948	4.68
39.25	30.14	16.76	11.963	5.11
39.3	29.57	13.62	11.979	4.15
39.35	29.79	16.02	11.994	4.88

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	29.39	15.83	12.009	4.83
39.45	30.2	15.74	12.024	4.8
39.5	29.1	14.77	12.04	4.5
39.55	29.05	16.02	12.055	4.88
39.6	29.02	15.79	12.07	4.81
39.65	27.01	14.36	12.085	4.38
39.7	26.51	14.47	12.1	4.41
39.75	26.75	15.29	12.116	4.66
39.8	27.38	13.39	12.131	4.08
39.85	29.19	7.5	12.146	2.29
39.9	29.09	2	12.161	0.61
39.95	57.05	4.56	12.177	1.39
40	31.02	3.95	12.192	1.2
40.05	19.01	5.21	12.207	1.59
40.1	12.01	3.23	12.222	0.99
40.15	8.5	7.71	12.238	2.35
40.2	32.75	8.59	12.253	2.62
40.25	57.38	8.78	12.268	2.68
40.3	66.69	8.36	12.283	2.55
40.35	36.34	8.11	12.299	2.47
40.4	20.67	9.49	12.314	2.89
40.45	13.34	9.18	12.329	2.8
40.5	19.17	9.86	12.344	3.01
40.55	16.08	9.84	12.36	3
40.6	13.54	10.03	12.375	3.06
40.65	10.77	7.88	12.39	2.4
40.7	8.39	8.93	12.405	2.72
40.75	7.19	8.55	12.42	2.61
40.8	16.6	7.8	12.436	2.38
40.85	29.8	8.72	12.451	2.66
40.9	36.4	8.46	12.466	2.58
40.95	44.2	7.86	12.481	2.39
41	36.6	7.12	12.497	2.17
41.05	39.3	7.46	12.512	2.27
41.1	22.15	7.78	12.527	2.37
41.15	13.57	6.62	12.542	2.02
41.2	9.79	8.37	12.558	2.55
41.25	7.39	8.57	12.573	2.61
41.3	6.2	9.1	12.588	2.77
41.35	5.6	7.86	12.603	2.4
41.4	5.3	8.8	12.619	2.68
41.45	5.15	9.14	12.634	2.79
41.5	5.57	8.72	12.649	2.66
41.55	5.79	10.1	12.664	3.08
41.6	11.39	9.74	12.68	2.97
41.65	14.7	10.06	12.695	3.06
41.7	14.85	9.86	12.71	3.01
41.75	13.92	10.36	12.725	3.16
41.8	13.46	10.56	12.741	3.22
41.85	13.73	10.68	12.756	3.26
41.9	13.37	11.43	12.771	3.48
41.95	13.68	10.79	12.786	3.29
42	13.34	11.86	12.801	3.62
42.05	14.17	11	12.817	3.35
42.1	17.59	11.25	12.832	3.43
42.15	22.79	9.91	12.847	3.02
42.2	26.9	10.66	12.862	3.25
42.25	30.45	9.64	12.878	2.94
42.3	32.72	10.33	12.893	3.15
42.35	34.36	10.32	12.908	3.15
42.4	35.18	10.04	12.923	3.06
42.45	35.59	11.07	12.939	3.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	35.8	9.74	12.954	2.97
42.55	35.9	10.2	12.969	3.11
42.6	34.95	2.36	12.984	0.72
42.65	34.47	7.27	13	2.22
42.7	33.24	6.94	13.015	2.11
42.75	33.62	7.09	13.03	2.16
42.8	35.81	7.94	13.045	2.42
42.85	35.9	10.34	13.061	3.15
42.9	35.95	12.05	13.076	3.67
42.95	35.48	10.89	13.091	3.32
43	34.24	13.59	13.106	4.14
43.05	32.62	10.78	13.122	3.29
43.1	31.81	13.81	13.137	4.21
43.15	31.4	12.24	13.152	3.73
43.2	30.7	12.53	13.167	3.82
43.25	30.35	11.22	13.182	3.42
43.3	30.18	11.77	13.198	3.59
43.35	30.09	13.47	13.213	4.11
43.4	30.04	13.46	13.228	4.1
43.45	30.52	15	13.243	4.57
43.5	31.26	17.19	13.259	5.24
43.55	31.13	15.19	13.274	4.63
43.6	31.07	14.21	13.289	4.33
43.65	30.53	16.02	13.304	4.88
43.7	31.27	14.66	13.32	4.47
43.75	31.63	15.14	13.335	4.62
43.8	32.32	17.24	13.35	5.25
43.85	33.16	15.94	13.365	4.86
43.9	33.58	15.39	13.381	4.69
43.95	33.29	14.9	13.396	4.54
44	33.14	15.09	13.411	4.6
44.05	32.57	14.87	13.426	4.53
44.1	31.79	15.65	13.442	4.77
44.15	31.89	14.38	13.457	4.38
44.2	31.45	15.16	13.472	4.62
44.25	31.22	14.38	13.487	4.38
44.3	31.11	12.75	13.503	3.89
44.35	30.56	13.92	13.518	4.24
44.4	30.28	12.7	13.533	3.87
44.45	30.14	13.58	13.548	4.14
44.5	30.07	14.12	13.563	4.3
44.55	30.03	14.2	13.579	4.33
44.6	31.02	13.06	13.594	3.98
44.65	42.51	13.42	13.609	4.09
44.7	64.25	13.56	13.624	4.13
44.75	72.13	16.46	13.64	5.02
44.8	74.56	14.33	13.655	4.37
44.85	73.78	16.06	13.67	4.89
44.9	57.89	16.12	13.685	4.91
44.95	48.95	17.4	13.701	5.3
45	36.47	15.46	13.716	4.71
45.05	29.74	15.81	13.731	4.82
45.1	27.37	15.09	13.746	4.6
45.15	28.18	16.28	13.762	4.96
45.2	30.59	16.27	13.777	4.96
45.25	33.8	14.33	13.792	4.37
45.3	36.4	15.05	13.807	4.59
45.35	37.2	15.66	13.823	4.77
45.4	37.1	15.51	13.838	4.73
45.45	36.55	15.08	13.853	4.6
45.5	40.77	15.58	13.868	4.75
45.55	49.89	15.6	13.884	4.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	54.44	13.96	13.899	4.26
45.65	49.22	15.45	13.914	4.71
45.7	46.61	12.97	13.929	3.95
45.75	51.81	13.63	13.944	4.16
45.8	63.9	13.31	13.96	4.06
45.85	74.95	13.94	13.975	4.25
45.9	68.98	13.68	13.99	4.17
45.95	63.99	13.88	14.005	4.23
46	56.99	13.21	14.021	4.03
46.05	50.5	14.25	14.036	4.34
46.1	49.75	14	14.051	4.27
46.15	43.87	14.11	14.066	4.3
46.2	39.44	15.98	14.082	4.87
46.25	35.22	15.46	14.097	4.71
46.3	33.11	14.81	14.112	4.51
46.35	33.55	14.53	14.127	4.43
46.4	29.78	15.62	14.143	4.76
46.45	27.89	16.46	14.158	5.02
46.5	27.94	14.69	14.173	4.48
46.55	26.47	15.19	14.188	4.63
46.6	26.74	15.84	14.204	4.83
46.65	26.37	15.92	14.219	4.85
46.7	25.68	15.92	14.234	4.85
46.75	25.84	15.83	14.249	4.83
46.8	26.42	15.67	14.265	4.78
46.85	26.71	14.55	14.28	4.44
46.9	27.86	14.12	14.295	4.3
46.95	29.43	15.11	14.31	4.61
47	30.21	14.77	14.325	4.5
47.05	31.61	14.31	14.341	4.36
47.1	32.3	13.94	14.356	4.25
47.15	33.15	14.66	14.371	4.47
47.2	33.08	14.15	14.386	4.31
47.25	33.54	14.27	14.402	4.35
47.3	33.27	14.36	14.417	4.38
47.35	33.63	14.36	14.432	4.38
47.4	34.82	15.24	14.447	4.64
47.45	42.91	12.99	14.463	3.96
47.5	50.95	13.99	14.478	4.26
47.55	55.48	13.01	14.493	3.97
47.6	41.24	5.92	14.508	1.8
47.65	35.12	6.06	14.524	1.85
47.7	32.56	7.66	14.539	2.33
47.75	42.28	9.24	14.554	2.82
47.8	29.14	12.47	14.569	3.8
47.85	32.07	14.98	14.585	4.57
47.9	31.53	15.9	14.6	4.85
47.95	26.77	14.07	14.615	4.29
48	23.88	16.28	14.63	4.96
48.05	26.44	18.56	14.646	5.66
48.1	26.72	15.92	14.661	4.85
48.15	23.36	18.65	14.676	5.68
48.2	18.18	16.09	14.691	4.9
48.25	17.59	13.63	14.706	4.15
48.3	17.3	15.19	14.722	4.63
48.35	20.65	16.07	14.737	4.9
48.4	32.32	13.79	14.752	4.2
48.45	26.66	10.86	14.767	3.31
48.5	28.83	11.42	14.783	3.48
48.55	23.92	10.4	14.798	3.17
48.6	14.96	10.32	14.813	3.14
48.65	15.98	11.64	14.828	3.55

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	23.99	11.58	14.844	3.53
48.75	23.99	10.44	14.859	3.18
48.8	23	12.81	14.874	3.9
48.85	20	10.5	14.889	3.2
48.9	18	11.85	14.905	3.61
48.95	17.5	11.3	14.92	3.44
49	17.25	11.62	14.935	3.54
49.05	17.12	10.96	14.95	3.34
49.1	19.56	11.12	14.966	3.39
49.15	23.78	10.27	14.981	3.13
49.2	30.39	10.22	14.996	3.11
49.25	30.7	9.48	15.011	2.89
49.3	25.35	10.72	15.026	3.27
49.35	22.17	10.89	15.042	3.32
49.4	20.09	10.1	15.057	3.08
49.45	18.54	10.48	15.072	3.19
49.5	17.77	10.24	15.087	3.12
49.55	17.39	10.62	15.103	3.24
49.6	18.69	9.43	15.118	2.87
49.65	19.35	10.42	15.133	3.18
49.7	20.67	9.09	15.148	2.77
49.75	21.84	10.25	15.164	3.12
49.8	32.42	10.42	15.179	3.18
49.85	31.71	11.38	15.194	3.47
49.9	29.35	11.33	15.209	3.45
49.95	26.18	12.65	15.225	3.86
50	22.59	11.82	15.24	3.6
50.05	19.29	11.87	15.255	3.62
50.1	15.15	12.75	15.27	3.89
50.15	13.57	13.37	15.286	4.08
50.2	12.29	12.86	15.301	3.92
50.25	11.14	13.54	15.316	4.13
50.3	11.07	14.73	15.331	4.49
50.35	10.04	13.89	15.347	4.23
50.4	9.02	14.55	15.362	4.44
50.45	9.51	14.11	15.377	4.3
50.5	8.75	14.22	15.392	4.34
50.55	7.38	12.18	15.407	3.71
50.6	6.69	11.84	15.423	3.61
50.65	6.84	11.77	15.438	3.59
50.7	6.42	11.37	15.453	3.46
50.75	6.21	8.95	15.468	2.73
50.8	6.11	9.54	15.484	2.91
50.85	6.05	8.91	15.499	2.72
50.9	6.03	9.38	15.514	2.86
50.95	6.51	7.96	15.529	2.43
51	7.76	8.32	15.545	2.54
51.05	14.88	8.98	15.56	2.74
51.1	28.94	8.05	15.575	2.45
51.15	29.47	7.63	15.59	2.32
51.2	22.23	6.88	15.606	2.1
51.25	17.62	8.73	15.621	2.66
51.3	15.31	7.83	15.636	2.39
51.35	13.65	8.77	15.651	2.67
51.4	12.33	8.72	15.667	2.66
51.45	11.16	8.61	15.682	2.63
51.5	10.58	8.9	15.697	2.71
51.55	9.79	7.43	15.712	2.26
51.6	8.9	8.3	15.728	2.53
51.65	8.45	7.62	15.743	2.32
51.7	8.22	8.3	15.758	2.53
51.75	7.11	7.54	15.773	2.3

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	6.56	6.58	15.788	2.01
51.85	6.28	7.61	15.804	2.32
51.9	5.64	7.6	15.819	2.32
51.95	5.32	7.35	15.834	2.24
52	5.16	7.15	15.849	2.18
52.05	5.08	6.78	15.865	2.07
52.1	5.54	6.56	15.88	2
52.15	5.27	7.15	15.895	2.18
52.2	5.13	6.2	15.91	1.89
52.25	5.07	5.78	15.926	1.76
52.3	5.03	5.2	15.941	1.58
52.35	5.52	5.39	15.956	1.64
52.4	6.26	6.06	15.971	1.85
52.45	6.63	4.77	15.987	1.45
52.5	6.81	5.32	16.002	1.62
52.55	6.91	5.01	16.017	1.53
52.6	7.45	1.59	16.032	0.48
52.65	7.73	3.5	16.048	1.07
52.7	7.86	5.21	16.063	1.59
52.75	7.93	5.44	16.078	1.66
52.8	8.47	6.76	16.093	2.06
52.85	8.73	5.94	16.109	1.81
52.9	8.87	8.26	16.124	2.52
52.95	8.93	9.71	16.139	2.96
53	8.97	8.59	16.154	2.62
53.05	10.48	8.02	16.169	2.45
53.1	12.24	10.11	16.185	3.08
53.15	14.12	9.25	16.2	2.82
53.2	14.56	8.6	16.215	2.62
53.25	10.28	5.88	16.23	1.79
53.3	7.64	7.61	16.246	2.32
53.35	5.32	6.79	16.261	2.07
53.4	4.66	7.85	16.276	2.39
53.45	4.83	5.36	16.291	1.63
53.5	4.92	6.68	16.307	2.04
53.55	4.96	7.11	16.322	2.17
53.6	4.98	6.11	16.337	1.86
53.65	4.49	5.15	16.352	1.57
53.7	4.24	6.88	16.368	2.1
53.75	4.12	6.48	16.383	1.97
53.8	4.06	6.65	16.398	2.03
53.85	4.03	7.08	16.413	2.16
53.9	3.52	7.04	16.429	2.15
53.95	3.76	7.48	16.444	2.28
54	3.88	6.38	16.459	1.95
54.05	3.94	6.31	16.474	1.92
54.1	3.97	6.96	16.49	2.12
54.15	3.98	7.46	16.505	2.27
54.2	3.99	6.94	16.52	2.11
54.25	4	7.2	16.535	2.2
54.3	4	7.85	16.55	2.39
54.35	4	6.74	16.566	2.05
54.4	4	7.73	16.581	2.36
54.45	4	6.66	16.596	2.03
54.5	4	7.51	16.611	2.29
54.55	4	6.1	16.627	1.86
54.6	4	7.28	16.642	2.22
54.65	4.5	5.62	16.657	1.71
54.7	4.75	6.47	16.672	1.97
54.75	4.87	7.38	16.688	2.25
54.8	4.94	5.32	16.703	1.62
54.85	5.47	6.62	16.718	2.02

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54.9	5.73	6.35	16.733	1.93
54.95	5.87	6.04	16.749	1.84
55	5.93	5.92	16.764	1.8
55.05	5.47	6.52	16.779	1.99
55.1	5.23	7.12	16.794	2.17
55.15	5.12	7.1	16.81	2.17
55.2	5.56	6.91	16.825	2.11
55.25	5.78	6.92	16.84	2.11
55.3	5.89	7.09	16.855	2.16
55.35	6.44	7.15	16.871	2.18
55.4	6.72	7.42	16.886	2.26
55.45	7.36	7.77	16.901	2.37
55.5	7.68	6.56	16.916	2
55.55	7.84	8.43	16.931	2.57
55.6	7.42	6.38	16.947	1.94
55.65	6.71	8.44	16.962	2.57
55.7	6.36	6.82	16.977	2.08
55.75	5.18	7.3	16.992	2.22
55.8	5.09	8.24	17.008	2.51
55.85	4.54	8.34	17.023	2.54
55.9	4.27	7.21	17.038	2.2
55.95	3.64	7.42	17.053	2.26
56	3.82	6.64	17.069	2.02
56.05	3.91	6.29	17.084	1.92
56.1	3.95	7.27	17.099	2.22
56.15	4.48	6.32	17.114	1.93
56.2	4.24	6.7	17.13	2.04
56.25	4.12	6.62	17.145	2.02
56.3	4.06	7.51	17.16	2.29
56.35	4.03	7.93	17.175	2.42
56.4	4.01	8.02	17.191	2.44
56.45	4.01	6.83	17.206	2.08
56.5	4.5	6.76	17.221	2.06
56.55	4.75	7	17.236	2.13
56.6	4.88	7.04	17.252	2.15
56.65	4.94	6.65	17.267	2.03
56.7	4.97	6.89	17.282	2.1
56.75	4.98	5.61	17.297	1.71
56.8	4.99	7.25	17.312	2.21
56.85	4.5	6.7	17.328	2.04
56.9	4.75	6.83	17.343	2.08
56.95	4.37	6.25	17.358	1.9
57	4.19	6.23	17.373	1.9
57.05	4.09	6.81	17.389	2.08
57.1	4.55	7.11	17.404	2.17
57.15	4.77	6.12	17.419	1.87
57.2	4.89	6.86	17.434	2.09
57.25	4.94	7.24	17.45	2.21
57.3	4.97	7.22	17.465	2.2
57.35	4.99	7.71	17.48	2.35
57.4	4.99	8.92	17.495	2.72
57.45	5.5	7.72	17.511	2.35
57.5	5.75	7.55	17.526	2.3
57.55	5.87	6.69	17.541	2.04
57.6	5.94	0	17.556	0
57.65	5.97	4.97	17.572	1.52
57.7	6.48	8.85	17.587	2.7
57.75	9.24	6.37	17.602	1.94
57.8	8.62	7.11	17.617	2.17
57.85	8.31	10.8	17.632	3.29
57.9	7.16	11.59	17.648	3.53
57.95	6.58	18.68	17.663	5.69

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	6.79	17.89	17.678	5.45
58.05	10.39	19.17	17.693	5.84
58.1	13.7	18.56	17.709	5.66
58.15	18.35	21.64	17.724	6.6
58.2	20.67	18.21	17.739	5.55
58.25	21.34	20.29	17.754	6.18
58.3	22.67	20.35	17.77	6.2
58.35	24.33	20.71	17.785	6.31
58.4	26.17	20.26	17.8	6.18
58.45	27.58	22.77	17.815	6.94
58.5	28.29	20.56	17.831	6.27
58.55	29.15	20.28	17.846	6.18
58.6	29.07	19.04	17.861	5.8
58.65	28.54	22.94	17.876	6.99
58.7	28.27	20.53	17.892	6.26
58.75	27.13	19.28	17.907	5.88
58.8	25.57	19.36	17.922	5.9
58.85	24.78	18.17	17.937	5.54
58.9	24.39	20.6	17.953	6.28
58.95	24.7	16.38	17.968	4.99
59	25.85	19.83	17.983	6.05
59.05	26.42	19.65	17.998	5.99
59.1	26.21	20.13	18.013	6.14
59.15	26.11	18.6	18.029	5.67
59.2	26.05	18.78	18.044	5.72
59.25	26.03	20.78	18.059	6.33
59.3	25.51	19.81	18.074	6.04
59.35	25.26	18.82	18.09	5.73
59.4	24.63	19.13	18.105	5.83
59.45	24.31	17.4	18.12	5.3
59.5	24.66	20.12	18.135	6.13
59.55	24.33	18.73	18.151	5.71
59.6	24.16	19.22	18.166	5.86
59.65	24.08	17.91	18.181	5.46
59.7	24.04	21.24	18.196	6.47
59.75	24.02	19.93	18.212	6.07
59.8	24.01	21.05	18.227	6.42
59.85	24.01	19.13	18.242	5.83
59.9	23.5	19.02	18.257	5.8
59.95	22.75	18.58	18.273	5.66
60	21.88	17.69	18.288	5.39
60.05	20.94	17.65	18.303	5.38
60.1	21.47	18.94	18.318	5.77
60.15	22.73	18.48	18.334	5.63
60.2	23.37	18.36	18.349	5.59
60.25	23.68	18.17	18.364	5.54
60.3	23.84	16.47	18.379	5.02
60.35	24.42	17.8	18.394	5.42
60.4	25.21	16.33	18.41	4.98
60.45	25.61	15.29	18.425	4.66
60.5	26.3	12.48	18.44	3.8
60.55	26.15	9.93	18.455	3.03
60.6	25.58	9.64	18.471	2.94
60.65	24.79	8.81	18.486	2.68
60.7	23.89	6.99	18.501	2.13
60.75	23.95	7.07	18.516	2.16
60.8	23.97	6.49	18.532	1.98
60.85	23.99	5.86	18.547	1.79
60.9	23.99	6.33	18.562	1.93
60.95	23.5	4.6	18.577	1.4
61	23.25	4.99	18.593	1.52
61.05	23.12	4.48	18.608	1.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
61.1	22.56	4.51	18.623	1.37
61.15	20.28	4.48	18.638	1.37
61.2	18.14	5.09	18.654	1.55
61.25	15.57	4.33	18.669	1.32
61.3	12.79	4	18.684	1.22
61.35	10.89	3.71	18.699	1.13
61.4	9.45	4.73	18.715	1.44
61.45	8.72	5.2	18.73	1.59
61.5	8.36	4.24	18.745	1.29
61.55	7.68	4.45	18.76	1.36
61.6	7.34	4.33	18.775	1.32
61.65	6.67	4.82	18.791	1.47
61.7	6.84	4.65	18.806	1.42
61.75	6.92	5.09	18.821	1.55
61.8	6.96	5.1	18.836	1.55
61.85	6.98	5.12	18.852	1.56
61.9	7.49	4.7	18.867	1.43
61.95	7.74	5.07	18.882	1.54
62	7.37	4.99	18.897	1.52
62.05	7.19	5.29	18.913	1.61
62.1	7.09	4.41	18.928	1.34
62.15	7.55	5.35	18.943	1.63
62.2	7.77	5.76	18.958	1.75
62.25	7.89	5.49	18.974	1.67
62.3	7.44	5.09	18.989	1.55
62.35	7.22	5.69	19.004	1.73
62.4	7.11	5.37	19.019	1.64
62.45	7.06	5.65	19.035	1.72
62.5	7.03	5.38	19.05	1.64
62.55	7.01	4.46	19.065	1.36
62.6	7.51	4.23	19.08	1.29
62.65	8.25	3.97	19.096	1.21
62.7	8.63	6.21	19.111	1.89
62.75	9.81	4.33	19.126	1.32
62.8	10.91	3.84	19.141	1.17
62.85	11.95	5.82	19.156	1.77
62.9	12.98	5.77	19.172	1.76
62.95	12.49	5.57	19.187	1.7
63	12.24	6.63	19.202	2.02
63.05	14.12	9.55	19.217	2.91
63.1	14.06	7.39	19.233	2.25
63.15	15.53	6.62	19.248	2.02
63.2	14.77	9.74	19.263	2.97
63.25	13.38	12.4	19.278	3.78
63.3	12.19	9.87	19.294	3.01
63.35	12.6	8.58	19.309	2.62
63.4	13.8	9.51	19.324	2.9
63.45	11.9	11.05	19.339	3.37
63.5	11.45	11.42	19.355	3.48
63.55	12.22	10.6	19.37	3.23
63.6	12.61	11.63	19.385	3.54
63.65	12.31	11.12	19.4	3.39
63.7	11.15	10.48	19.416	3.2
63.75	11.58	10.09	19.431	3.08
63.8	12.79	12.37	19.446	3.77
63.85	14.39	13.25	19.461	4.04
63.9	15.2	10.3	19.477	3.14
63.95	16.6	12.69	19.492	3.87
64	15.3	11.15	19.507	3.4
64.05	14.65	10.38	19.522	3.16
64.1	13.32	10.99	19.537	3.35
64.15	13.16	10.98	19.553	3.35

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
64.2	11.58	10.94	19.568	3.33
64.25	13.79	10.96	19.583	3.34
64.3	15.4	11.04	19.598	3.36
64.35	15.2	12.27	19.614	3.74
64.4	15.1	11.14	19.629	3.39
64.45	16.05	10.98	19.644	3.35
64.5	16.52	12.71	19.659	3.87
64.55	16.76	12.04	19.675	3.67
64.6	15.88	12.51	19.69	3.81
64.65	15.44	10.98	19.705	3.35
64.7	16.22	11.84	19.72	3.61
64.75	16.11	12.68	19.736	3.86
64.8	15.56	12.75	19.751	3.89
64.85	15.28	11.13	19.766	3.39
64.9	14.14	11.6	19.781	3.54
64.95	13.57	11.85	19.797	3.61
65	14.78	11.24	19.812	3.43
65.05	13.39	10.43	19.827	3.18
65.1	14.2	10.33	19.842	3.15
65.15	14.6	9.85	19.858	3
65.2	14.8	9.04	19.873	2.75
65.25	13.9	7.54	19.888	2.3
65.3	12.45	6.22	19.903	1.9
65.35	13.22	6.11	19.918	1.86
65.4	13.11	5.72	19.934	1.74
65.45	14.56	6.49	19.949	1.98
65.5	13.78	7.75	19.964	2.36
65.55	13.39	8.51	19.979	2.59
65.6	13.69	8.49	19.995	2.59
65.65	10.85	9.86	20.01	3.01
65.7	10.42	8.82	20.025	2.69
65.75	9.21	8.66	20.04	2.64
65.8	9.61	9.32	20.056	2.84
65.85	8.8	9.96	20.071	3.03
65.9	9.4	10.32	20.086	3.15
65.95	9.2	11.14	20.101	3.4
66	9.1	11.26	20.117	3.43
66.05	10.05	10.86	20.132	3.31
66.1	9.53	11.4	20.147	3.47
66.15	9.76	10.13	20.162	3.09
66.2	9.38	9.85	20.178	3
66.25	8.69	11.64	20.193	3.55
66.3	10.35	8.93	20.208	2.72
66.35	11.67	8.75	20.223	2.67
66.4	12.84	8.57	20.239	2.61
66.45	14.92	8.05	20.254	2.45
66.5	16.96	8.1	20.269	2.47
66.55	18.48	6.95	20.284	2.12
66.6	19.24	8.15	20.3	2.48
66.65	19.62	7.05	20.315	2.15
66.7	20.81	6.8	20.33	2.07
66.75	17.9	7.15	20.345	2.18
66.8	17.45	6.85	20.36	2.09
66.85	15.23	7.31	20.376	2.23
66.9	14.11	6.48	20.391	1.98
66.95	12.56	6.84	20.406	2.08
67	12.28	6.69	20.421	2.04
67.05	13.64	5.86	20.437	1.79
67.1	13.32	6.77	20.452	2.06
67.15	15.16	7.5	20.467	2.28
67.2	15.08	6.58	20.482	2.01
67.25	14.54	6.98	20.498	2.13

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
67.3	13.77	7.02	20.513	2.14
67.35	12.88	6.98	20.528	2.13
67.4	11.94	6.76	20.543	2.06
67.45	13.47	6.17	20.559	1.88
67.5	14.24	6.56	20.574	2
67.55	12.62	4.56	20.589	1.39
67.6	11.31	2.59	20.604	0.79
67.65	10.65	6.19	20.62	1.89
67.7	9.83	7.55	20.635	2.3
67.75	9.41	6.41	20.65	1.95
67.8	9.21	8.42	20.665	2.57
67.85	9.1	7.93	20.681	2.42
67.9	9.55	6.83	20.696	2.08
67.95	9.28	7.35	20.711	2.24
68	9.14	7.21	20.726	2.2
68.05	9.57	9.96	20.742	3.03
68.1	9.28	8.92	20.757	2.72
68.15	9.14	8.64	20.772	2.63
68.2	9.57	8.34	20.787	2.54
68.25	10.79	11.21	20.802	3.42
68.3	10.89	8.23	20.818	2.51
68.35	11.45	8.39	20.833	2.56
68.4	10.22	8.63	20.848	2.63
68.45	9.61	8.02	20.863	2.44
68.5	8.81	7.16	20.879	2.18
68.55	8.4	5.4	20.894	1.65
68.6	8.2	6.39	20.909	1.95
68.65	8.6	6.49	20.924	1.98
68.7	8.8	6.12	20.94	1.87
68.75	8.9	6.82	20.955	2.08
68.8	8.45	6.33	20.97	1.93
68.85	8.73	5.14	20.985	1.57
68.9	8.36	7.61	21.001	2.32
68.95	9.18	7.14	21.016	2.17
69	9.59	7.51	21.031	2.29
69.05	9.8	5.76	21.046	1.75
69.1	9.4	7.49	21.062	2.28
69.15	8.7	7.3	21.077	2.23
69.2	7.85	7.24	21.092	2.21
69.25	7.42	7.77	21.107	2.37
69.3	6.71	7.34	21.123	2.24
69.35	6.36	7.56	21.138	2.3
69.4	6.18	3.07	21.153	0.94
69.45	6.59	5.24	21.168	1.6
69.5	6.79	6.38	21.183	1.94
69.55	6.9	8.12	21.199	2.48
69.6	6.95	6.69	21.214	2.04
69.65	6.97	8.87	21.229	2.7
69.7	6.49	9.3	21.244	2.84
69.75	6.74	9.2	21.26	2.8
69.8	6.87	7.78	21.275	2.37
69.85	6.44	8.84	21.29	2.69
69.9	6.22	10.27	21.305	3.13
69.95	6.61	8.21	21.321	2.5
70	6.3	7.85	21.336	2.39
70.05	5.65	6.8	21.351	2.07
70.1	5.33	7.02	21.366	2.14
70.15	6.16	6.85	21.382	2.09
70.2	6.58	5.63	21.397	1.72
70.25	6.79	5.55	21.412	1.69
70.3	7.4	5.78	21.427	1.76
70.35	7.7	5.03	21.443	1.53

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	8.35	5.34	21.458	1.63
70.45	8.67	5.52	21.473	1.68
70.5	8.34	4.51	21.488	1.37
70.55	8.67	4.57	21.504	1.39
70.6	8.83	4.97	21.519	1.52
70.65	8.92	4.86	21.534	1.48
70.7	8.46	4.59	21.549	1.4
70.75	7.73	5.53	21.565	1.69
70.8	6.86	4.38	21.58	1.34
70.85	6.43	4.32	21.595	1.32
70.9	6.22	4.89	21.61	1.49
70.95	5.61	4.47	21.625	1.36
71	5.3	4.47	21.641	1.36
71.05	5.15	4.95	21.656	1.51
71.1	4.08	5.3	21.671	1.62
71.15	4.04	5.01	21.686	1.53
71.2	4.02	5.11	21.702	1.56
71.25	4.01	4.73	21.717	1.44
71.3	4	3.95	21.732	1.21
71.35	3.5	3.57	21.747	1.09
71.4	3.75	5.37	21.763	1.64
71.45	3.38	3.81	21.778	1.16
71.5	3.19	3.9	21.793	1.19
71.55	3.09	3.48	21.808	1.06
71.6	3.05	4.01	21.824	1.22
71.65	3.02	3.3	21.839	1.01
71.7	3.51	2.86	21.854	0.87
71.75	3.76	4.72	21.869	1.44
71.8	3.88	3.56	21.885	1.09
71.85	3.94	4.11	21.9	1.25
71.9	3.97	3.52	21.915	1.07
71.95	3.98	3.8	21.93	1.16
72	3.99	3.28	21.946	1
72.05	4	3.72	21.961	1.13
72.1	4	3.14	21.976	0.96
72.15	4	4.51	21.991	1.37
72.2	3.5	3.2	22.007	0.97
72.25	3.75	3.31	22.022	1.01
72.3	3.37	4.25	22.037	1.3
72.35	3.69	4.25	22.052	1.29
72.4	3.34	3.06	22.067	0.93
72.45	3.17	4.73	22.083	1.44
72.5	3.09	4.57	22.098	1.39
72.55	3.04	2.08	22.113	0.63
72.6	3.02	4.74	22.128	1.45
72.65	3.01	4.7	22.144	1.43
72.7	3.01	5.06	22.159	1.54
72.75	3	4.62	22.174	1.41
72.8	3	2.61	22.189	0.8
72.85	3.5	4.03	22.205	1.23
72.9	3.75	3.32	22.22	1.01
72.95	3.88	3.44	22.235	1.05
73	3.94	4.15	22.25	1.26
73.05	3.97	4.81	22.266	1.47
73.1	3.98	5.86	22.281	1.79
73.15	3.99	5.68	22.296	1.73
73.2	4	4.41	22.311	1.34
73.25	4	6.06	22.327	1.85
73.3	4	5.39	22.342	1.64
73.35	4.5	5.27	22.357	1.61
73.4	4.25	5.46	22.372	1.66
73.45	4.62	4.99	22.388	1.52

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
73.5	4.31	4.33	22.403	1.32
73.55	4.16	4.32	22.418	1.32
73.6	4.08	3.32	22.433	1.01
73.65	4.04	3.8	22.448	1.16
73.7	4.02	4.88	22.464	1.49
73.75	4.01	3.53	22.479	1.08
73.8	3.5	3.29	22.494	1
73.85	3.25	1.88	22.509	0.57
73.9	3.13	3.71	22.525	1.13
73.95	3.06	2.12	22.54	0.65
74	3.03	2.34	22.555	0.71
74.05	3.52	1.46	22.57	0.45
74.1	3.76	2.77	22.586	0.84
74.15	3.88	1.67	22.601	0.51
74.2	4.44	1.43	22.616	0.44
74.25	4.72	1.32	22.631	0.4
74.3	4.86	1.64	22.647	0.5
74.35	4.93	1.99	22.662	0.61
74.4	4.96	1.58	22.677	0.48
74.45	5.48	2.16	22.692	0.66
74.5	5.74	2.11	22.708	0.64
74.55	6.37	1.84	22.723	0.56
74.6	6.69	2.21	22.738	0.67
74.65	6.84	1.57	22.753	0.48
74.7	6.92	2.25	22.769	0.69
74.75	6.96	1.85	22.784	0.56
74.8	7.48	2.69	22.799	0.82
74.85	7.24	1.97	22.814	0.6
74.9	6.62	2.1	22.83	0.64
74.95	6.31	1.64	22.845	0.5
75	6.16	2.35	22.86	0.72
75.05	6.08	1.89	22.875	0.58
75.1	6.04	1.47	22.89	0.45
75.15	6.02	2.07	22.906	0.63
75.2	6.01	1.82	22.921	0.55
75.25	6	2.36	22.936	0.72
75.3	6	1.15	22.951	0.35
75.35	5.5	1.69	22.967	0.52
75.4	5.25	1.66	22.982	0.51
75.45	5.13	2.79	22.997	0.85
75.5	5.56	2.03	23.012	0.62
75.55	5.78	2.28	23.028	0.69
75.6	5.89	3.4	23.043	1.04
75.65	5.45	2.55	23.058	0.78
75.7	5.22	2.55	23.073	0.78
75.75	4.61	2.74	23.089	0.83
75.8	4.31	2.29	23.104	0.7
75.85	4.15	2.08	23.119	0.63
75.9	4.08	2.32	23.134	0.71
75.95	4.04	3	23.15	0.91
76	4.02	3.23	23.165	0.99
76.05	4.01	2.73	23.18	0.83
76.1	4	2.55	23.195	0.78
76.15	4	2.62	23.211	0.8
76.2	4.5	2.09	23.226	0.64
76.25	4.75	2.54	23.241	0.77
76.3	5.38	2.5	23.256	0.76
76.35	5.69	3.48	23.271	1.06
76.4	6.34	3.64	23.287	1.11
76.45	6.67	2.76	23.302	0.84
76.5	6.84	2.19	23.317	0.67
76.55	6.92	2.52	23.332	0.77

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76.6	6.96	2.31	23.348	0.7
76.65	7.48	2.49	23.363	0.76
76.7	7.74	2.39	23.378	0.73
76.75	7.87	2.77	23.393	0.85
76.8	7.93	2.04	23.409	0.62
76.85	7.47	1.96	23.424	0.6
76.9	7.73	2.89	23.439	0.88
76.95	7.37	1.33	23.454	0.41
77	7.68	2.14	23.47	0.65
77.05	7.84	1.7	23.485	0.52
77.1	7.92	1.88	23.5	0.57
77.15	7.46	1.33	23.515	0.4
77.2	7.73	1.29	23.531	0.39
77.25	8.37	1.69	23.546	0.51
77.3	9.18	1.64	23.561	0.5
77.35	9.59	1.42	23.576	0.43
77.4	9.8	1.07	23.592	0.32
77.45	9.9	0.98	23.607	0.3
77.5	9.95	1.12	23.622	0.34
77.55	8.97	2.52	23.637	0.77
77.6	7.99	1.47	23.653	0.45
77.65	7.49	1.04	23.668	0.32
77.7	7.75	1.25	23.683	0.38
77.75	8.37	0.85	23.698	0.26
77.8	8.69	2.17	23.713	0.66
77.85	8.84	1.31	23.729	0.4
77.9	8.92	1.99	23.744	0.61
77.95	8.46	1.05	23.759	0.32
78	8.23	0.57	23.774	0.17
78.05	8.12	1.5	23.79	0.46
78.1	8.06	0.43	23.805	0.13
78.15	8.03	0.78	23.82	0.24
78.2	8.51	0.59	23.835	0.18
78.25	9.26	3.39	23.851	1.03
78.3	9.63	0.87	23.866	0.26
78.35	9.31	0.95	23.881	0.29
78.4	8.66	1.76	23.896	0.54
78.45	7.33	3.83	23.912	1.17
78.5	6.16	1.64	23.927	0.5
78.55	5.08	1.3	23.942	0.4
78.6	4.54	1.32	23.957	0.4
78.65	4.27	2.87	23.973	0.87
78.7	4.14	2.19	23.988	0.67
78.75	4.07	2.05	24.003	0.62
78.8	3.53	2.9	24.018	0.88
78.85	3.77	2.17	24.034	0.66
78.9	3.88	2.41	24.049	0.73
78.95	4.44	3.43	24.064	1.05
79	4.22	2.6	24.079	0.79
79.05	4.11	2.27	24.095	0.69
79.1	4.06	2.04	24.11	0.62
79.15	3.53	1	24.125	0.31
79.2	3.26	1.45	24.14	0.44
79.25	3.13	1.33	24.155	0.4
79.3	3.57	2.03	24.171	0.62
79.35	3.28	1.38	24.186	0.42
79.4	3.14	1	24.201	0.31
79.45	3.07	1.32	24.216	0.4
79.5	3.04	1.44	24.232	0.44
79.55	3.02	1.75	24.247	0.53
79.6	2.51	1.63	24.262	0.5
79.65	2.75	1.75	24.277	0.53

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	2.88	2.41	24.293	0.73
79.75	2.94	1.32	24.308	0.4
79.8	2.97	1.64	24.323	0.5
79.85	2.98	1.96	24.338	0.6
79.9	2.99	1.28	24.354	0.39
79.95	3	2.33	24.369	0.71
80	3	1.19	24.384	0.36
80.05	3.5	1.76	24.399	0.54
80.1	3.75	3.2	24.415	0.97
80.15	3.87	1.79	24.43	0.55
80.2	3.44	1.61	24.445	0.49
80.25	3.72	1.74	24.46	0.53
80.3	3.86	1.17	24.476	0.36
80.35	4.43	1.72	24.491	0.52
80.4	4.21	0.83	24.506	0.25
80.45	4.11	0.76	24.521	0.23
80.5	4.55	1.35	24.536	0.41
80.55	4.28	1.26	24.552	0.38
80.6	4.14	0.91	24.567	0.28
80.65	4.07	1.36	24.582	0.42
80.7	3.53	0.78	24.597	0.24
80.75	3.77	1.87	24.613	0.57
80.8	3.88	1.44	24.628	0.44
80.85	3.94	1.45	24.643	0.44
80.9	3.97	1.85	24.658	0.56
80.95	4.49	2.04	24.674	0.62
81	4.74	1.68	24.689	0.51
81.05	4.87	1.35	24.704	0.41
81.1	5.94	1.49	24.719	0.46
81.15	6.47	2.46	24.735	0.75
81.2	6.73	1.24	24.75	0.38
81.25	6.37	1.15	24.765	0.35
81.3	5.68	2.02	24.78	0.62
81.35	4.84	2.35	24.796	0.72
81.4	4.42	1.26	24.811	0.39
81.45	4.21	1.77	24.826	0.54
81.5	4.11	0.97	24.841	0.3
81.55	4.05	1.71	24.857	0.52
81.6	4.03	1.32	24.872	0.4
81.65	4.01	1.18	24.887	0.36
81.7	4.01	1.78	24.902	0.54
81.75	4.5	1.42	24.918	0.43
81.8	4.25	1.28	24.933	0.39
81.85	4.13	0.7	24.948	0.21
81.9	4.06	0.55	24.963	0.17
81.95	4.03	0.96	24.978	0.29
82	4.02	0.93	24.994	0.28
82.05	3.51	1.3	25.009	0.4
82.1	3.25	1.2	25.024	0.37
82.15	3.13	0.83	25.039	0.25
82.2	3.06	0.62	25.055	0.19
82.25	3.53	1.53	25.07	0.47
82.3	3.27	1.25	25.085	0.38
82.35	3.13	0.88	25.1	0.27
82.4	3.07	1.2	25.116	0.37
82.45	3.03	1	25.131	0.31
82.5	3.02	0.69	25.146	0.21
82.55	3.01	0.61	25.161	0.18
82.6	3	2.94	25.177	0.9
82.65	3	0.85	25.192	0.26
82.7	3	0.74	25.207	0.22
82.75	2.5	0.91	25.222	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	2.75	1.44	25.238	0.44
82.85	2.88	1.51	25.253	0.46
82.9	2.94	2.05	25.268	0.63
82.95	2.97	2.17	25.283	0.66
83	2.98	2.78	25.299	0.85
83.05	2.99	1.5	25.314	0.46
83.1	3.5	2.04	25.329	0.62
83.15	3.25	1.32	25.344	0.4
83.2	3.12	0.86	25.36	0.26
83.25	3.56	1.84	25.375	0.56
83.3	3.78	2.48	25.39	0.76
83.35	3.39	1.27	25.405	0.39
83.4	3.2	1.97	25.42	0.6
83.45	3.1	1.51	25.436	0.46
83.5	3.05	0.91	25.451	0.28
83.55	3.02	1.09	25.466	0.33
83.6	3.01	0.84	25.481	0.26
83.65	3.01	2.21	25.497	0.67
83.7	3	0.58	25.512	0.18
83.75	3	1.86	25.527	0.57
83.8	3	0.95	25.542	0.29
83.85	3	2.05	25.558	0.63
83.9	3	1.28	25.573	0.39
83.95	3	1.85	25.588	0.56
84	3	1.05	25.603	0.32
84.05	3	2.43	25.619	0.74
84.1	3	2.09	25.634	0.64
84.15	3.5	1.8	25.649	0.55
84.2	3.25	1.27	25.664	0.39
84.25	3.13	1.99	25.68	0.61
84.3	3.56	1.64	25.695	0.5
84.35	3.78	0.94	25.71	0.29
84.4	3.89	1.89	25.725	0.58
84.45	3.95	1.54	25.741	0.47
84.5	3.47	1.09	25.756	0.33
84.55	3.74	0.78	25.771	0.24
84.6	3.87	1.47	25.786	0.45
84.65	3.43	1.28	25.801	0.39
84.7	3.22	0.73	25.817	0.22
84.75	3.11	0.67	25.832	0.21
84.8	3.05	1.49	25.847	0.46
84.85	3.03	0.8	25.862	0.24
84.9	3.01	1.99	25.878	0.61
84.95	3.01	1.19	25.893	0.36
85	3	1.86	25.908	0.57
85.05	3	1.56	25.923	0.47
85.1	3.5	1.65	25.939	0.5
85.15	3.25	1.3	25.954	0.4
85.2	3.13	2.29	25.969	0.7
85.25	3.06	2.28	25.984	0.7
85.3	3.03	1.8	26	0.55
85.35	3.02	2.14	26.015	0.65
85.4	3.01	1.86	26.03	0.57
85.45	3	2.58	26.045	0.79
85.5	3	2.42	26.061	0.74
85.55	3	2.66	26.076	0.81
85.6	3	3.54	26.091	1.08
85.65	3	2.38	26.106	0.72
85.7	2.5	2.4	26.122	0.73
85.75	2.75	2.9	26.137	0.89
85.8	2.88	1.69	26.152	0.52
85.85	2.94	2.68	26.167	0.82

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	2.97	1.94	26.183	0.59
85.95	2.98	2.31	26.198	0.7
86	2.99	2.29	26.213	0.7
86.05	3	2.74	26.228	0.84
86.1	3	1.73	26.243	0.53
86.15	3	2.66	26.259	0.81
86.2	3	2.17	26.274	0.66
86.25	3	2.96	26.289	0.9
86.3	2.5	2.95	26.304	0.9
86.35	2.25	2.73	26.32	0.83
86.4	2.12	2.42	26.335	0.74
86.45	2.06	2.56	26.35	0.78
86.5	2.03	2.79	26.365	0.85
86.55	2.02	3.03	26.381	0.92
86.6	2.01	2.39	26.396	0.73
86.65	2	3.34	26.411	1.02
86.7	2.5	2.99	26.426	0.91
86.75	2.75	1.98	26.442	0.6
86.8	2.88	2.79	26.457	0.85
86.85	2.94	1.98	26.472	0.6
86.9	2.97	3.05	26.487	0.93
86.95	2.98	3.13	26.503	0.95
87	2.49	2.33	26.518	0.71
87.05	2.75	2.85	26.533	0.87
87.1	2.87	2.12	26.548	0.65
87.15	2.94	2.63	26.564	0.8
87.2	2.97	2.22	26.579	0.68
87.25	2.98	2.76	26.594	0.84
87.3	2.99	3.11	26.609	0.95
87.35	3	2.87	26.625	0.88
87.4	3	3.71	26.64	1.13
87.45	3	3.58	26.655	1.09
87.5	3.5	3.34	26.67	1.02
87.55	3.25	0	26.685	0
87.6	3.12	4.58	26.701	1.4
87.65	2.56	4.1	26.716	1.25
87.7	2.28	3.68	26.731	1.12
87.75	2.14	3.85	26.746	1.17
87.8	2.07	5.16	26.762	1.57
87.85	3.04	4.05	26.777	1.23
87.9	8.52	5.47	26.792	1.67
87.95	14.76	3.93	26.807	1.2
88	20.38	6.04	26.823	1.84
88.05	22.69	5.19	26.838	1.58
88.1	23.84	5.53	26.853	1.69
88.15	23.92	4.95	26.868	1.51
88.2	23.96	3.34	26.884	1.02
88.25	23.48	2.06	26.899	0.63
88.3	23.74	2.66	26.914	0.81
88.35	23.37	4.53	26.929	1.38
88.4	23.19	2.89	26.945	0.88
88.45	22.59	4.9	26.96	1.49
88.5	22.3	3.38	26.975	1.03
88.55	22.15	3.77	26.99	1.15
88.6	23.07	3.1	27.006	0.94
88.65	23.04	3.08	27.021	0.94
88.7	23.02	3.18	27.036	0.97
88.75	22.51	3.72	27.051	1.13
88.8	18.25	2.63	27.066	0.8
88.85	16.13	5.43	27.082	1.66
88.9	14.06	4.09	27.097	1.25
88.95	13.53	4.22	27.112	1.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
89	13.27	3.09	27.127	0.94
89.05	13.63	5.16	27.143	1.57
89.1	12.82	3.43	27.158	1.05
89.15	11.91	3.94	27.173	1.2
89.2	12.95	5.44	27.188	1.66
89.25	12.48	3.66	27.204	1.12
89.3	11.74	3.66	27.219	1.12
89.35	13.37	3.85	27.234	1.17
89.4	14.18	3.65	27.249	1.11
89.45	15.09	2.83	27.265	0.86
89.5	16.05	2.46	27.28	0.75
89.55	16.02	2.97	27.295	0.9
89.6	16.51	2.99	27.31	0.91
89.65	15.76	3.06	27.326	0.93
89.7	14.88	3.21	27.341	0.98
89.75	13.94	1.67	27.356	0.51
89.8	13.47	2.96	27.371	0.9
89.85	12.73	1.79	27.387	0.55
89.9	11.87	2.85	27.402	0.87
89.95	10.93	1.94	27.417	0.59
90	10.97	2.69	27.432	0.82
90.05	9.98	2.58	27.448	0.79
90.1	9.99	2.47	27.463	0.75
90.15	10	2.76	27.478	0.84
90.2	10	2.33	27.493	0.71
90.25	10.5	1.41	27.508	0.43
90.3	10.75	5.05	27.524	1.54
90.35	10.87	2.73	27.539	0.83
90.4	10.44	4.56	27.554	1.39
90.45	10.22	3.38	27.569	1.03
90.5	9.61	5.27	27.585	1.61
90.55	9.8	3.91	27.6	1.19
90.6	10.4	3.9	27.615	1.19
90.65	10.7	3.98	27.63	1.21
90.7	10.85	5.3	27.646	1.62
90.75	10.93	3.88	27.661	1.18
90.8	11.96	4.41	27.676	1.34
90.85	12.98	5.31	27.691	1.62
90.9	13.49	4.29	27.707	1.31
90.95	13.75	2.96	27.722	0.9
91	13.87	3.39	27.737	1.03
91.05	12.94	4.88	27.752	1.49
91.1	12.47	3.36	27.768	1.02
91.15	12.73	4.01	27.783	1.22
91.2	13.37	3.15	27.798	0.96
91.25	13.68	3.28	27.813	1
91.3	13.84	3	27.829	0.92
91.35	14.42	4.61	27.844	1.4
91.4	16.21	3.85	27.859	1.17
91.45	17.61	4.74	27.874	1.44
91.5	18.8	3.66	27.889	1.12
91.55	18.4	3.14	27.905	0.96
91.6	19.2	3.8	27.92	1.16
91.65	19.6	4.38	27.935	1.34
91.7	20.3	4	27.95	1.22
91.75	20.15	3.32	27.966	1.01
91.8	18.58	3.12	27.981	0.95
91.85	17.79	3.22	27.996	0.98
91.9	17.39	3.19	28.011	0.97
91.95	17.7	3.25	28.027	0.99
92	18.35	3.14	28.042	0.96
92.05	18.67	5.74	28.057	1.75

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92.1	18.34	4.38	28.072	1.33
92.15	19.17	3.49	28.088	1.06
92.2	18.58	3.77	28.103	1.15
92.25	18.79	3.48	28.118	1.06
92.3	16.4	3.81	28.133	1.16
92.35	14.2	3.26	28.149	0.99
92.4	13.6	3.63	28.164	1.11
92.45	13.3	3.61	28.179	1.1
92.5	13.15	2.64	28.194	0.8
92.55	13.57	1.31	28.21	0.4
92.6	14.29	3.11	28.225	0.95
92.65	14.14	3.33	28.24	1.01
92.7	14.57	3.08	28.255	0.94
92.75	14.29	3.26	28.271	1
92.8	15.64	5.25	28.286	1.6
92.85	15.82	3.73	28.301	1.14
92.9	15.91	7.02	28.316	2.14
92.95	15.96	6.22	28.331	1.9
93	15.98	3.5	28.347	1.07
93.05	15.99	4.63	28.362	1.41
93.1	14.99	4.87	28.377	1.48
93.15	14.5	5.23	28.392	1.6
93.2	14.25	1.96	28.408	0.6
93.25	13.62	4.08	28.423	1.24
93.3	12.31	4.09	28.438	1.25
93.35	12.16	3.81	28.453	1.16
93.4	11.58	4.58	28.469	1.39
93.45	11.79	3.65	28.484	1.11
93.5	11.89	3.3	28.499	1.01
93.55	11.95	3.19	28.514	0.97
93.6	11.97	1.96	28.53	0.6
93.65	11.99	4.47	28.545	1.36
93.7	10.99	2.55	28.56	0.78
93.75	10.5	3.05	28.575	0.93
93.8	10.25	2.51	28.591	0.76
93.85	10.12	4.53	28.606	1.38
93.9	10.56	3.92	28.621	1.19
93.95	11.28	5.54	28.636	1.69
94	11.14	4.08	28.652	1.24
94.05	11.57	6.35	28.667	1.94
94.1	11.79	4.33	28.682	1.32
94.15	12.39	6.02	28.697	1.83
94.2	13.7	3.73	28.713	1.14
94.25	13.35	3.99	28.728	1.22
94.3	12.67	5.29	28.743	1.61
94.35	12.34	4.76	28.758	1.45
94.4	11.17	6.01	28.773	1.83
94.45	10.08	5.08	28.789	1.55
94.5	10.04	5.18	28.804	1.58
94.55	10.02	4.18	28.819	1.27
94.6	10.01	4.76	28.834	1.45
94.65	10.01	6.4	28.85	1.95
94.7	10	4.93	28.865	1.5
94.75	10	3.66	28.88	1.11
94.8	10	5.01	28.895	1.53
94.85	10	3.76	28.911	1.14
94.9	10.5	4.43	28.926	1.35
94.95	11.25	3.96	28.941	1.21
95	11.13	4.02	28.956	1.22
95.05	11.06	4.14	28.972	1.26
95.1	11.53	4.94	28.987	1.51
95.15	11.77	4.47	29.002	1.36

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
95.2	11.38	4.12	29.017	1.26
95.25	12.19	4.77	29.033	1.45
95.3	14.1	5.22	29.048	1.59
95.35	15.55	4.6	29.063	1.4
95.4	16.27	5.01	29.078	1.53
95.45	15.64	5.32	29.094	1.62
95.5	13.82	5.14	29.109	1.57
95.55	12.91	4.09	29.124	1.25
95.6	11.95	6.85	29.139	2.09
95.65	10.98	4.91	29.154	1.5
95.7	9.99	5.74	29.17	1.75
95.75	8.99	4.84	29.185	1.48
95.8	8.5	4.78	29.2	1.46
95.85	8.25	4.13	29.215	1.26
95.9	8.12	3.7	29.231	1.13
95.95	8.56	4.22	29.246	1.29
96	8.78	3.93	29.261	1.2
96.05	8.89	3.85	29.276	1.17
96.1	8.95	3.03	29.292	0.92
96.15	9.47	2.92	29.307	0.89
96.2	10.24	3.24	29.322	0.99
96.25	10.12	2.71	29.337	0.83
96.3	10.56	2.58	29.353	0.79
96.35	10.28	3.13	29.368	0.95
96.4	9.64	2.71	29.383	0.83
96.45	9.32	3.7	29.398	1.13
96.5	8.66	2.84	29.414	0.87
96.55	7.83	3.32	29.429	1.01
96.6	7.41	3.36	29.444	1.02
96.65	7.21	2.97	29.459	0.9
96.7	6.1	2.74	29.475	0.83
96.75	5.05	3.51	29.49	1.07
96.8	4.53	2.96	29.505	0.9
96.85	4.26	2.39	29.52	0.73
96.9	4.13	2.67	29.536	0.82
96.95	4.07	2.06	29.551	0.63
97	4.03	2.1	29.566	0.64
97.05	3.02	1.91	29.581	0.58
97.1	2.51	2.73	29.596	0.83
97.15	2.75	1.78	29.612	0.54
97.2	2.88	1.52	29.627	0.46
97.25	2.94	2.67	29.642	0.81
97.3	2.97	1.84	29.657	0.56
97.35	2.98	1.41	29.673	0.43
97.4	2.99	1.47	29.688	0.45
97.45	3.5	1.29	29.703	0.39
97.5	3.25	1.99	29.718	0.61
97.55	2.62	1.15	29.734	0.35
97.6	2.81	2.66	29.749	0.81
97.65	2.91	1.75	29.764	0.53
97.7	2.95	1.54	29.779	0.47
97.75	2.98	2.58	29.795	0.79
97.8	2.99	3.49	29.81	1.06
97.85	2.99	2.57	29.825	0.78
97.9	3	2.87	29.84	0.88
97.95	5	1.73	29.856	0.53
98	5.5	2.86	29.871	0.87
98.05	6.25	3.63	29.886	1.11
98.1	5.62	4.07	29.901	1.24
98.15	5.31	2.32	29.917	0.71
98.2	5.16	2.71	29.932	0.82
98.25	4.58	2.3	29.947	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.3	4.29	4.18	29.962	1.28
98.35	4.14	2.59	29.978	0.79
98.4	4.07	2.39	29.993	0.73
98.45	4.04	1.79	30.008	0.55
98.5	4.02	3.99	30.023	1.21
98.55	5.01	1.65	30.038	0.5
98.6	4.5	1.35	30.054	0.41
98.65	4.25	3.19	30.069	0.97
98.7	4.13	2.02	30.084	0.62
98.75	4.06	2.34	30.099	0.71
98.8	4.03	2.56	30.115	0.78
98.85	6.52	3.48	30.13	1.06
98.9	8.26	2.41	30.145	0.73
98.95	8.63	3.32	30.16	1.01
99	7.81	2.26	30.176	0.69
99.05	7.91	4.91	30.191	1.5
99.1	7.95	2.45	30.206	0.75
99.15	7.98	2.9	30.221	0.89
99.2	6.49	3.13	30.237	0.96
99.25	6.24	3.19	30.252	0.97
99.3	6.12	3.13	30.267	0.95
99.35	6.06	3.86	30.282	1.18
99.4	5.53	4.23	30.298	1.29
99.45	5.27	2.22	30.313	0.68
99.5	5.13	2.34	30.328	0.71
99.55	5.07	4.38	30.343	1.33
99.6	6.03	2.61	30.359	0.79
99.65	7.02	2.29	30.374	0.7
99.7	6.51	3.21	30.389	0.98
99.75	6.75	1.77	30.404	0.54
99.8	6.38	2.46	30.419	0.75
99.85	6.19	1.49	30.435	0.45
99.9	6.59	2.98	30.45	0.91
99.95	5.8	1.34	30.465	0.41
100	5.4	2.39	30.48	0.73
100.05	5.2	1.4	30.496	0.43
100.1	5.6	1.79	30.511	0.55
100.15	7.3	1.46	30.526	0.44
100.2	8.15	1.63	30.541	0.5
100.25	7.57	1.75	30.557	0.53
100.3	6.79	1.84	30.572	0.56
100.35	6.39	2.31	30.587	0.7
100.4	8.2	1.88	30.602	0.57
100.45	10.1	1.75	30.618	0.53
100.5	10.05	1.94	30.633	0.59
100.55	9.02	1.48	30.648	0.45
100.6	8.01	1.95	30.663	0.59
100.65	7.01	1.44	30.679	0.44
100.7	6	2.29	30.694	0.7
100.75	6	1.34	30.709	0.41
100.8	6.5	2.14	30.724	0.65
100.85	6.25	1.25	30.74	0.38
100.9	7.13	1.32	30.755	0.4
100.95	5.56	1.68	30.77	0.51
101	4.78	1.17	30.785	0.36
101.05	4.89	1.13	30.801	0.34
101.1	4.45	1.34	30.816	0.41
101.15	3.22	1.25	30.831	0.38
101.2	3.11	1.2	30.846	0.37
101.25	2.56	1.32	30.861	0.4
101.3	2.28	1.07	30.877	0.33
101.35	3.14	1.55	30.892	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	3.57	0.73	30.907	0.22
101.45	2.78	1.3	30.922	0.4
101.5	2.89	1.36	30.938	0.41
101.55	2.95	1	30.953	0.31
101.6	2.97	0.74	30.968	0.23
101.65	3.99	1.13	30.983	0.34
101.7	3.49	0.87	30.999	0.27
101.75	3.75	1.2	31.014	0.36
101.8	3.87	0.71	31.029	0.22
101.85	4.44	0.97	31.044	0.3
101.9	4.22	0.87	31.06	0.27
101.95	4.11	1.06	31.075	0.32
102	4.05	1.4	31.09	0.43
102.05	4.03	1.05	31.105	0.32
102.1	4.01	0.69	31.121	0.21
102.15	4.01	1.05	31.136	0.32
102.2	4	1.09	31.151	0.33
102.25	3.5	1.64	31.166	0.5
102.3	3.25	1.46	31.182	0.44
102.35	3.63	1	31.197	0.31
102.4	3.81	1.91	31.212	0.58
102.45	3.91	1.42	31.227	0.43
102.5	3.95	0.62	31.243	0.19
102.55	4.48	1.04	31.258	0.32
102.6	4.24	1.39	31.273	0.42
102.65	4.62	0.92	31.288	0.28
102.7	4.31	0.91	31.303	0.28
102.75	4.65	1.1	31.319	0.34
102.8	5.33	2.3	31.334	0.7
102.85	5.16	0.81	31.349	0.25
102.9	5.08	2.2	31.364	0.67
102.95	5.04	0.61	31.38	0.19
103	5.52	2.43	31.395	0.74
103.05	5.76	1.66	31.41	0.51
103.1	6.38	2.27	31.425	0.69
103.15	6.69	0.91	31.441	0.28
103.2	6.85	2.45	31.456	0.75
103.25	6.42	1.72	31.471	0.53
103.3	6.21	2.09	31.486	0.64
103.35	6.11	1.15	31.502	0.35
103.4	6.55	1.01	31.517	0.31
103.45	6.28	1.34	31.532	0.41
103.5	6.14	1.59	31.547	0.48
103.55	6.07	1.69	31.563	0.51
103.6	6.03	1.68	31.578	0.51
103.65	6.52	1.09	31.593	0.33
103.7	6.26	0.99	31.608	0.3
103.75	6.13	0.98	31.624	0.3
103.8	6.06	0.62	31.639	0.19
103.85	6.03	1.36	31.654	0.41
103.9	6.02	1.79	31.669	0.55
103.95	5.51	1.58	31.684	0.48
104	4.75	0.95	31.7	0.29
104.05	4.88	1.82	31.715	0.56
104.1	4.94	0.74	31.73	0.23
104.15	4.47	1.18	31.745	0.36
104.2	4.23	1.66	31.761	0.51
104.25	4.62	1.36	31.776	0.42
104.3	4.81	1.09	31.791	0.33
104.35	4.9	1.68	31.806	0.51
104.4	4.95	1.19	31.822	0.36
104.45	5.48	2.49	31.837	0.76

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	5.24	1.25	31.852	0.38
104.55	5.12	2.16	31.867	0.66
104.6	5.56	0.92	31.883	0.28
104.65	5.78	1.16	31.898	0.35
104.7	4.89	1.53	31.913	0.47
104.75	5.44	1	31.928	0.3
104.8	5.22	1.35	31.944	0.41
104.85	5.11	0.71	31.959	0.22
104.9	5.06	1.25	31.974	0.38
104.95	5.03	1.49	31.989	0.45
105	4.51	0.87	32.005	0.26
105.05	4.76	1.12	32.02	0.34
105.1	4.38	1.25	32.035	0.38
105.15	4.19	0.9	32.05	0.27
105.2	4.59	0.93	32.066	0.28
105.25	4.3	1.76	32.081	0.54
105.3	4.15	2.04	32.096	0.62
105.35	4.07	1.97	32.111	0.6
105.4	4.04	0.88	32.126	0.27
105.45	4.02	0.96	32.142	0.29
105.5	4.01	2.55	32.157	0.78
105.55	4	0.97	32.172	0.3
105.6	4	1.79	32.187	0.55
105.65	4	1.79	32.203	0.55
105.7	4	2.03	32.218	0.62
105.75	3.5	1.73	32.233	0.53
105.8	3.75	1.91	32.248	0.58
105.85	3.88	2.13	32.264	0.65
105.9	3.94	1.97	32.279	0.6
105.95	3.47	2.09	32.294	0.64
106	3.73	1.75	32.309	0.53
106.05	3.37	1.47	32.325	0.45
106.1	3.68	1.15	32.34	0.35
106.15	3.84	1.35	32.355	0.41
106.2	3.92	1.38	32.37	0.42
106.25	3.96	1.37	32.386	0.42
106.3	3.98	1.69	32.401	0.51
106.35	3.99	1.76	32.416	0.54
106.4	4	1.41	32.431	0.43
106.45	4	2.31	32.447	0.7
106.5	4	1.81	32.462	0.55
106.55	4	2.57	32.477	0.78
106.6	4	2.31	32.492	0.7
106.65	3.5	1.92	32.508	0.59
106.7	3.75	2.81	32.523	0.86
106.75	3.87	2.52	32.538	0.77
106.8	3.94	2.58	32.553	0.79
106.85	3.97	2.46	32.568	0.75
106.9	3.98	2.97	32.584	0.91
106.95	3.49	2.06	32.599	0.63
107	3.25	2.01	32.614	0.61
107.05	3.12	2.69	32.629	0.82
107.1	3.06	2.63	32.645	0.8
107.15	3.03	2.12	32.66	0.65
107.2	3.52	2.23	32.675	0.68
107.25	3.26	1.7	32.69	0.52
107.3	3.63	1.37	32.706	0.42
107.35	3.31	1.29	32.721	0.39
107.4	3.66	1	32.736	0.3
107.45	3.83	1.64	32.751	0.5
107.5	3.91	0.83	32.767	0.25
107.55	3.96	0.5	32.782	0.15

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107.6	3.98	2.19	32.797	0.67
107.65	3.99	1.05	32.812	0.32
107.7	3.49	1.09	32.828	0.33
107.75	3.75	0.95	32.843	0.29
107.8	3.87	1.47	32.858	0.45
107.85	3.94	1.23	32.873	0.38
107.9	3.97	1.51	32.889	0.46
107.95	3.98	1.69	32.904	0.52
108	3.49	2.97	32.919	0.91
108.05	3.25	3.28	32.934	1
108.1	3.62	1.93	32.949	0.59
108.15	3.81	2.24	32.965	0.68
108.2	3.91	3.41	32.98	1.04
108.25	3.95	1.27	32.995	0.39
108.3	3.98	0.84	33.01	0.26
108.35	3.99	1.25	33.026	0.38
108.4	4.99	2.52	33.041	0.77
108.45	6	1.22	33.056	0.37
108.5	6	1.42	33.071	0.43
108.55	6.5	1.14	33.087	0.35
108.6	6.25	1.22	33.102	0.37
108.65	6.12	1.42	33.117	0.43
108.7	6.06	0.47	33.132	0.14
108.75	6.03	0.47	33.148	0.14
108.8	5.52	0.75	33.163	0.23
108.85	5.76	0.76	33.178	0.23
108.9	5.88	1.68	33.193	0.51
108.95	5.94	1.02	33.209	0.31
109	5.97	0.95	33.224	0.29
109.05	6.48	1.23	33.239	0.37
109.1	6.74	0.38	33.254	0.11
109.15	7.37	1.13	33.27	0.35
109.2	7.19	1.02	33.285	0.31
109.25	7.09	1.56	33.3	0.48
109.3	7.05	0.98	33.315	0.3
109.35	7.52	0.79	33.331	0.24
109.4	7.26	0.85	33.346	0.26
109.45	7.63	2.38	33.361	0.73
109.5	7.32	1.83	33.376	0.56
109.55	7.66	0.8	33.391	0.24
109.6	7.33	0.98	33.407	0.3
109.65	7.16	1.14	33.422	0.35
109.7	6.58	1.53	33.437	0.47
109.75	6.29	1.45	33.452	0.44
109.8	6.15	1.37	33.468	0.42
109.85	6.07	0.83	33.483	0.25
109.9	6.54	1.15	33.498	0.35
109.95	6.77	0.92	33.513	0.28
110	6.88	0.95	33.529	0.29
110.05	6.94	0.54	33.544	0.16
110.1	7.47	0.75	33.559	0.23
110.15	7.74	0.88	33.574	0.27
110.2	7.87	0.67	33.59	0.2
110.25	7.93	1.31	33.605	0.4
110.3	7.97	1.11	33.62	0.34
110.35	7.98	0.87	33.635	0.27
110.4	7.49	0.69	33.651	0.21
110.45	7.25	0.57	33.666	0.17
110.5	7.12	0.99	33.681	0.3
110.55	7.06	1.47	33.696	0.45
110.6	7.03	0.7	33.712	0.21
110.65	6.52	0.78	33.727	0.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	5.76	1.67	33.742	0.51
110.75	5.38	1.2	33.757	0.37
110.8	5.19	1.67	33.772	0.51
110.85	5.09	1	33.788	0.31
110.9	5.05	1.24	33.803	0.38
110.95	5.02	0.81	33.818	0.25
111	4.51	1.11	33.833	0.34
111.05	4.76	1.23	33.849	0.37
111.1	5.38	0.5	33.864	0.15
111.15	5.19	0.88	33.879	0.27
111.2	4.59	0.77	33.894	0.24
111.25	4.3	0.95	33.91	0.29
111.3	4.15	0.73	33.925	0.22
111.35	3.57	0.58	33.94	0.18
111.4	3.79	0.47	33.955	0.14
111.45	3.89	0.48	33.971	0.15
111.5	3.95	0.65	33.986	0.2
111.55	3.97	0.46	34.001	0.14
111.6	3.99	0.5	34.016	0.15
111.65	4.49	0.93	34.032	0.28
111.7	5.25	0.85	34.047	0.26
111.75	6.12	0.74	34.062	0.23
111.8	6.56	1.28	34.077	0.39
111.85	6.78	0.87	34.093	0.26
111.9	6.89	1.07	34.108	0.32
111.95	6.95	1.57	34.123	0.48
112	5.97	1.25	34.138	0.38
112.05	5.99	0.98	34.154	0.3
112.1	5.49	0.86	34.169	0.26
112.15	5.25	1.94	34.184	0.59
112.2	5.12	1.35	34.199	0.41
112.25	5.06	1.95	34.214	0.59
112.3	5.03	1.4	34.23	0.43
112.35	5.02	1.59	34.245	0.49
112.4	5.51	1.66	34.26	0.5
112.45	5.25	2.5	34.275	0.76
112.5	5.63	0.48	34.291	0.15
112.55	5.31	1.1	34.306	0.34
112.6	5.16	3.05	34.321	0.93
112.65	5.08	0.93	34.336	0.28
112.7	5.04	0.74	34.352	0.23
112.75	5.02	1.93	34.367	0.59
112.8	5.51	1.42	34.382	0.43
112.85	5.25	1.56	34.397	0.48
112.9	5.13	1.44	34.413	0.44
112.95	5.06	1.68	34.428	0.51
113	5.03	1.51	34.443	0.46
113.05	5.02	2.67	34.458	0.81
113.1	5.01	2.4	34.474	0.73
113.15	5.5	3.24	34.489	0.99
113.2	5.75	4.33	34.504	1.32
113.25	5.38	4.04	34.519	1.23
113.3	5.19	2.56	34.535	0.78
113.35	5.09	2.82	34.55	0.86
113.4	5.05	1.93	34.565	0.59
113.45	5.02	2.67	34.58	0.81
113.5	5.01	3.14	34.596	0.96
113.55	5.01	1.53	34.611	0.47
113.6	5	3.05	34.626	0.93
113.65	5.5	2.33	34.641	0.71
113.7	5.25	1.97	34.656	0.6
113.75	5.13	1.88	34.672	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	5.06	1.7	34.687	0.52
113.85	5.03	2.32	34.702	0.71
113.9	5.52	2.13	34.717	0.65
113.95	5.26	3.04	34.733	0.93
114	5.13	2.18	34.748	0.66
114.05	5.06	3.02	34.763	0.92
114.1	5.03	1.81	34.778	0.55
114.15	5.02	2.48	34.794	0.76
114.2	5.01	4.14	34.809	1.26
114.25	5	2.28	34.824	0.69
114.3	5	2.36	34.839	0.72
114.35	5	2.19	34.855	0.67
114.4	5	2.73	34.87	0.83
114.45	5	3.37	34.885	1.03
114.5	5	2.68	34.9	0.82
114.55	5	2.94	34.916	0.9
114.6	5	1.9	34.931	0.58
114.65	5	1.33	34.946	0.41
114.7	5	2.72	34.961	0.83
114.75	5	1.1	34.977	0.34
114.8	5	1.8	34.992	0.55
114.85	5.5	1.86	35.007	0.57
114.9	5.25	1.55	35.022	0.47
114.95	5.62	1.53	35.037	0.46
115	5.81	0.93	35.053	0.28
115.05	5.41	0.7	35.068	0.21
115.1	5.7	1.11	35.083	0.34
115.15	5.85	1.11	35.098	0.34
115.2	5.93	1.27	35.114	0.39
115.25	5.96	1.45	35.129	0.44
115.3	5.98	1.55	35.144	0.47
115.35	5.99	1.01	35.159	0.31
115.4	6	1.25	35.175	0.38
115.45	6	1.17	35.19	0.36
115.5	6	1.3	35.205	0.4
115.55	6	1.38	35.22	0.42
115.6	6	2.05	35.236	0.63
115.65	6	1.48	35.251	0.45
115.7	6	1.69	35.266	0.51
115.75	6	1.56	35.281	0.48
115.8	6	1.1	35.297	0.33
115.85	6	0.73	35.312	0.22
115.9	6	1.82	35.327	0.55
115.95	6	1.13	35.342	0.34
116	6	0.63	35.358	0.19
116.05	6	1.46	35.373	0.44
116.1	6	0.99	35.388	0.3
116.15	6	1.26	35.403	0.38
116.2	6.5	0.6	35.419	0.18
116.25	6.25	0.82	35.434	0.25
116.3	6.12	0.55	35.449	0.17
116.35	6.06	1.88	35.464	0.57
116.4	6.53	0.61	35.479	0.19
116.45	6.77	1.45	35.495	0.44
116.5	6.88	0.97	35.51	0.3
116.55	6.94	1	35.525	0.31
116.6	6.47	1.06	35.54	0.32
116.65	6.74	1.22	35.556	0.37
116.7	6.87	1.43	35.571	0.44
116.75	6.43	1.78	35.586	0.54
116.8	6.22	1.39	35.601	0.42
116.85	6.61	2.01	35.617	0.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	6.3	2.06	35.632	0.63
116.95	6.15	2.38	35.647	0.72
117	6.08	2.05	35.662	0.62
117.05	6.54	2.53	35.678	0.77
117.1	6.27	1.48	35.693	0.45
117.15	6.13	1.9	35.708	0.58
117.2	6.07	1.73	35.723	0.53
117.25	6.03	2.41	35.739	0.73
117.3	6.02	1.41	35.754	0.43
117.35	6.01	1.97	35.769	0.6
117.4	6	1.87	35.784	0.57
117.45	6	2.13	35.8	0.65
117.5	6	0.91	35.815	0.28
117.55	6	0.71	35.83	0.22
117.6	6	3.49	35.845	1.06
117.65	5.5	2.82	35.861	0.86
117.7	5.75	2.16	35.876	0.66
117.75	5.88	3.78	35.891	1.15
117.8	5.94	5.44	35.906	1.66
117.85	5.97	3.08	35.921	0.94
117.9	5.98	3.68	35.937	1.12
117.95	5.99	3.58	35.952	1.09
118	6	3.92	35.967	1.2
118.05	6	4.91	35.982	1.5
118.1	5.5	4.16	35.998	1.27
118.15	5.75	3.8	36.013	1.16
118.2	5.87	7.3	36.028	2.23
118.25	5.94	3.53	36.043	1.08
118.3	5.47	3.78	36.059	1.15
118.35	5.23	3.02	36.074	0.92
118.4	5.62	2.94	36.089	0.9
118.45	5.81	3.29	36.104	1
118.5	5.9	2.72	36.12	0.83
118.55	5.45	1.92	36.135	0.59
118.6	5.23	2.22	36.15	0.68
118.65	5.11	2.28	36.165	0.7
118.7	5.06	1.28	36.181	0.39
118.75	5.03	2.03	36.196	0.62
118.8	5.01	1.54	36.211	0.47
118.85	5.01	2.24	36.226	0.68
118.9	5	1.42	36.242	0.43
118.95	5.5	2.68	36.257	0.82
119	5.75	1.63	36.272	0.5
119.05	5.88	2.4	36.287	0.73
119.1	5.94	1.64	36.302	0.5
119.15	6.47	3.79	36.318	1.15
119.2	6.73	2.15	36.333	0.66
119.25	6.37	3.56	36.348	1.08
119.3	6.68	2.59	36.363	0.79
119.35	6.84	2.05	36.379	0.63
119.4	6.42	2.09	36.394	0.64
119.45	6.71	2.82	36.409	0.86
119.5	6.36	1.14	36.424	0.35
119.55	5.68	2.97	36.44	0.9
119.6	5.34	1.32	36.455	0.4
119.65	5.17	2.43	36.47	0.74
119.7	5.08	1.65	36.485	0.5
119.75	5.04	0.57	36.501	0.18
119.8	5.02	1.54	36.516	0.47
119.85	5.01	2.26	36.531	0.69
119.9	5.01	1.48	36.546	0.45
119.95	5.5	1.13	36.562	0.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	5.25	0.81	36.577	0.25
120.05	5.13	0.54	36.592	0.17
120.1	5.06	1.26	36.607	0.38
120.15	5.03	1.77	36.623	0.54
120.2	5.02	1.84	36.638	0.56
120.25	5.51	2.11	36.653	0.64
120.3	5.75	1.55	36.668	0.47
120.35	5.88	1.81	36.684	0.55
120.4	5.94	2.95	36.699	0.9
120.45	5.47	2.59	36.714	0.79
120.5	5.73	3.02	36.729	0.92
120.55	5.87	1.92	36.744	0.59
120.6	5.93	1.9	36.76	0.58
120.65	5.97	1.69	36.775	0.51
120.7	5.98	2.28	36.79	0.7
120.75	5.99	2	36.805	0.61
120.8	6	1.76	36.821	0.54
120.85	6	2.31	36.836	0.71
120.9	5.5	2.85	36.851	0.87
120.95	5.75	1.16	36.866	0.35
121	5.37	1.41	36.882	0.43
121.05	5.19	1.08	36.897	0.33
121.1	5.09	1.28	36.912	0.39
121.15	5.05	1.2	36.927	0.37
121.2	5.02	1.21	36.943	0.37
121.25	5.01	1.5	36.958	0.46
121.3	5.01	0.78	36.973	0.24
121.35	5	1.03	36.988	0.31
121.4	5	0.79	37.004	0.24
121.45	5	1.78	37.019	0.54
121.5	5.5	0.92	37.034	0.28
121.55	5.25	1.22	37.049	0.37
121.6	5.13	0.98	37.065	0.3
121.65	5.06	1.36	37.08	0.42
121.7	5.03	0.97	37.095	0.3
121.75	5.02	2.07	37.11	0.63
121.8	5.01	0.85	37.126	0.26
121.85	5	0.91	37.141	0.28
121.9	5.5	0.98	37.156	0.3
121.95	5.75	1.49	37.171	0.45
122	5.38	1.01	37.186	0.31
122.05	5.19	1.43	37.202	0.43
122.1	5.09	1.49	37.217	0.46
122.15	5.05	1.2	37.232	0.36
122.2	5.02	1.11	37.247	0.34
122.25	5.01	1.82	37.263	0.55
122.3	5.01	1.17	37.278	0.36
122.35	5	1.55	37.293	0.47
122.4	5	0.98	37.308	0.3
122.45	5	1.37	37.324	0.42
122.5	5	1.92	37.339	0.58
122.55	4.5	0.46	37.354	0.14
122.6	4.75	3.45	37.369	1.05
122.65	4.88	1.55	37.385	0.47
122.7	4.94	1.37	37.4	0.42
122.75	4.97	1.35	37.415	0.41
122.8	4.98	2.72	37.43	0.83
122.85	5.49	1.64	37.446	0.5
122.9	5.75	2.81	37.461	0.86
122.95	5.87	2.62	37.476	0.8
123	5.44	3.09	37.491	0.94
123.05	5.22	2.59	37.507	0.79

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	5.11	4.05	37.522	1.23
123.15	5.05	4.41	37.537	1.34
123.2	5.03	4.16	37.552	1.27
123.25	5.01	3.34	37.567	1.02
123.3	5.01	4.17	37.583	1.27
123.35	5	3.94	37.598	1.2
123.4	5	2.45	37.613	0.75
123.45	5	3.01	37.628	0.92
123.5	5	4.31	37.644	1.31
123.55	5	3.58	37.659	1.09
123.6	5	3.38	37.674	1.03
123.65	5	3.1	37.689	0.94
123.7	5	2.51	37.705	0.77
123.75	5	2.64	37.72	0.81
123.8	5	2.04	37.735	0.62
123.85	5	3.1	37.75	0.95
123.9	5	2.68	37.766	0.82
123.95	5	3.04	37.781	0.93
124	5	3.48	37.796	1.06
124.05	5	3.46	37.811	1.06
124.1	5	3.05	37.827	0.93
124.15	5	3.28	37.842	1
124.2	5	3.11	37.857	0.95
124.25	5	3.6	37.872	1.1
124.3	5.5	3.11	37.888	0.95
124.35	5.75	3.14	37.903	0.96
124.4	5.88	2.83	37.918	0.86
124.45	5.94	2.32	37.933	0.71
124.5	5.47	3.28	37.949	1
124.55	5.73	4.14	37.964	1.26
124.6	5.37	2.86	37.979	0.87
124.65	5.18	4.45	37.994	1.36
124.7	5.59	4.82	38.009	1.47
124.75	5.8	3.58	38.025	1.09
124.8	5.9	3.52	38.04	1.07
124.85	5.45	3.74	38.055	1.14
124.9	5.72	3.16	38.07	0.96
124.95	5.86	6.53	38.086	1.99
125	5.93	3.26	38.101	0.99
125.05	6.47	2.79	38.116	0.85
125.1	7.73	3.6	38.131	1.1
125.15	8.87	2.98	38.147	0.91
125.2	10.93	4.14	38.162	1.26
125.25	13.47	3.24	38.177	0.99
125.3	13.23	4.15	38.192	1.26
125.35	13.62	3.75	38.208	1.14
125.4	13.81	4.15	38.223	1.27
125.45	13.9	3.38	38.238	1.03
125.5	14.45	4.22	38.253	1.29
125.55	14.73	4.25	38.269	1.29
125.6	15.36	3.38	38.284	1.03
125.65	15.68	6.06	38.299	1.85
125.7	16.34	4.89	38.314	1.49
125.75	16.17	4.7	38.33	1.43
125.8	16.59	5.13	38.345	1.56
125.85	16.79	4.73	38.36	1.44
125.9	17.4	4.84	38.375	1.47
125.95	17.2	4.89	38.39	1.49
126	18.1	4.69	38.406	1.43
126.05	18.55	4.88	38.421	1.49
126.1	18.77	5.38	38.436	1.64
126.15	18.89	3.53	38.451	1.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	19.44	4.02	38.467	1.23
126.25	19.72	4.24	38.482	1.29
126.3	19.86	5.9	38.497	1.8
126.35	19.93	4.28	38.512	1.3
126.4	19.97	4.74	38.528	1.45
126.45	19.48	4.31	38.543	1.31
126.5	18.74	4.22	38.558	1.29
126.55	17.87	4.82	38.573	1.47
126.6	18.44	4.2	38.589	1.28
126.65	18.22	4.52	38.604	1.38
126.7	18.11	6.03	38.619	1.84
126.75	17.55	4.86	38.634	1.48
126.8	17.28	4.85	38.65	1.48
126.85	17.64	6.58	38.665	2
126.9	17.32	4.17	38.68	1.27
126.95	16.66	4.59	38.695	1.4
127	16.83	5.09	38.711	1.55
127.05	16.91	3.76	38.726	1.15
127.1	16.46	5.13	38.741	1.56
127.15	16.73	4.32	38.756	1.32
127.2	16.86	3.72	38.772	1.13
127.25	16.43	5.85	38.787	1.78
127.3	16.22	4.35	38.802	1.33
127.35	16.61	4.54	38.817	1.38
127.4	16.8	4.5	38.832	1.37
127.45	16.4	4.27	38.848	1.3
127.5	16.7	2.77	38.863	0.84
127.55	16.35	0.47	38.878	0.14
127.6	16.18	4.46	38.893	1.36
127.65	16.09	4.4	38.909	1.34
127.7	16.04	2.99	38.924	0.91
127.75	16.02	4.23	38.939	1.29
127.8	16.01	4.63	38.954	1.41
127.85	16.51	3.99	38.97	1.22
127.9	16.25	3.74	38.985	1.14
127.95	16.13	3.69	39	1.12
128	16.06	4.5	39.015	1.37
128.05	15.53	4.58	39.031	1.4
128.1	15.27	4.91	39.046	1.5
128.15	15.13	5.55	39.061	1.69
128.2	15.07	4.34	39.076	1.32
128.25	15.03	5.31	39.092	1.62
128.3	15.02	6.98	39.107	2.13
128.35	15.01	5.26	39.122	1.6
128.4	16	4.78	39.137	1.46
128.45	16	4.36	39.153	1.33
128.5	17.5	7.46	39.168	2.27
128.55	17.25	3.93	39.183	1.2
128.6	17.13	5.38	39.198	1.64
128.65	17.56	6.19	39.214	1.89
128.7	16.78	3.83	39.229	1.17
128.75	15.39	4.39	39.244	1.34
128.8	15.2	3.02	39.259	0.92
128.85	14.1	5.34	39.274	1.63
128.9	13.55	3.95	39.29	1.2
128.95	13.77	4.78	39.305	1.46
129	13.89	4.21	39.32	1.28
129.05	13.44	5.15	39.335	1.57
129.1	13.22	4.37	39.351	1.33
129.15	13.61	4.37	39.366	1.33
129.2	13.81	4.49	39.381	1.37
129.25	13.9	6.46	39.396	1.97

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	13.95	4.97	39.412	1.51
129.35	13.98	3.66	39.427	1.11
129.4	13.99	4.06	39.442	1.24
129.45	13.99	7.3	39.457	2.22
129.5	14	5.02	39.473	1.53
129.55	13.5	4.61	39.488	1.41
129.6	13.25	3.99	39.503	1.22
129.65	13.62	3.29	39.518	1
129.7	13.31	6.97	39.534	2.13
129.75	13.16	6.05	39.549	1.84
129.8	13.08	4.15	39.564	1.27
129.85	13.04	4.09	39.579	1.25
129.9	13.02	3.5	39.595	1.07
129.95	13.01	6.72	39.61	2.05
130	13	3.41	39.625	1.04
130.05	12.5	4.56	39.64	1.39
130.1	13.25	3.94	39.655	1.2
130.15	13.13	3.16	39.671	0.96
130.2	13.56	3.97	39.686	1.21
130.25	13.28	2.47	39.701	0.75
130.3	13.14	4.74	39.716	1.45
130.35	13.57	4.18	39.732	1.27
130.4	13.79	2.4	39.747	0.73
130.45	12.89	2.74	39.762	0.83
130.5	13.45	3.01	39.777	0.92
130.55	13.22	3.49	39.793	1.06
130.6	13.11	2.27	39.808	0.69
130.65	13.06	3.75	39.823	1.14
130.7	13.03	3.94	39.838	1.2
130.75	12.51	2.39	39.854	0.73
130.8	12.76	3.06	39.869	0.93
130.85	12.38	5.06	39.884	1.54
130.9	12.69	2.76	39.899	0.84
130.95	11.84	2.24	39.915	0.68
131	10.92	2.41	39.93	0.74
131.05	10.46	1.96	39.945	0.6
131.1	10.73	1.59	39.96	0.48
131.15	10.87	2.35	39.976	0.72
131.2	10.43	2.06	39.991	0.63
131.25	11.22	1.85	40.006	0.56
131.3	11.61	1.88	40.021	0.57
131.35	11.3	2.2	40.037	0.67
131.4	11.65	1.98	40.052	0.6
131.45	10.83	2.15	40.067	0.65
131.5	9.41	2.17	40.082	0.66
131.55	8.71	2.58	40.097	0.79
131.6	7.85	1.53	40.113	0.47
131.65	6.93	2.7	40.128	0.82
131.7	6.46	1.87	40.143	0.57
131.75	6.73	2.31	40.158	0.7
131.8	6.87	1.65	40.174	0.5
131.85	6.43	2.61	40.189	0.79
131.9	5.72	1.87	40.204	0.57
131.95	5.36	1.97	40.219	0.6
132	5.18	2.2	40.235	0.67
132.05	5.09	1.77	40.25	0.54
132.1	5.04	2.6	40.265	0.79
132.15	5.02	1.88	40.28	0.57
132.2	5.01	2.32	40.296	0.71
132.25	5.01	2.63	40.311	0.8
132.3	4.5	1.56	40.326	0.48
132.35	4.75	2.23	40.341	0.68

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	4.38	2.04	40.357	0.62
132.45	4.19	2.21	40.372	0.67
132.5	4.59	1.37	40.387	0.42
132.55	4.8	0.45	40.402	0.14
132.6	4.9	2.61	40.418	0.8
132.65	4.45	1.33	40.433	0.41
132.7	4.72	2.2	40.448	0.67
132.75	4.36	2.23	40.463	0.68
132.8	4.18	2.71	40.479	0.83
132.85	4.09	1.91	40.494	0.58
132.9	4.55	3.54	40.509	1.08
132.95	4.77	2.3	40.524	0.7
133	4.89	5.99	40.539	1.82
133.05	4.94	2.29	40.555	0.7
133.1	4.97	4.53	40.57	1.38
133.15	4.99	2.79	40.585	0.85
133.2	4.99	3.69	40.6	1.12
133.25	5	2.56	40.616	0.78
133.3	5	2.02	40.631	0.62
133.35	5	2.66	40.646	0.81
133.4	5	2.6	40.661	0.79
133.45	5	2.89	40.677	0.88
133.5	5	2.76	40.692	0.84
133.55	4.5	2.19	40.707	0.67
133.6	4.75	1.33	40.722	0.4
133.65	4.37	2.13	40.738	0.65
133.7	4.69	1.46	40.753	0.45
133.75	4.34	1.95	40.768	0.59
133.8	4.17	0.83	40.783	0.25
133.85	4.09	2.87	40.799	0.88
133.9	4.04	0.87	40.814	0.26
133.95	4.02	1.2	40.829	0.37
134	4.01	1.66	40.844	0.51
134.05	4.01	1.49	40.86	0.45
134.1	4	0.98	40.875	0.3
134.15	4	1.75	40.89	0.53
134.2	4.5	1.25	40.905	0.38
134.25	4.75	1.28	40.92	0.39
134.3	4.88	1.71	40.936	0.52
134.35	4.44	1.49	40.951	0.45
134.4	4.22	1.05	40.966	0.32
134.45	4.61	2.45	40.981	0.75
134.5	4.8	1.39	40.997	0.42
134.55	4.9	1.62	41.012	0.49
134.6	4.95	2.03	41.027	0.62
134.65	4.98	1.58	41.042	0.48
134.7	4.99	2.01	41.058	0.61
134.75	4.99	2.87	41.073	0.87
134.8	5	1.68	41.088	0.51
134.85	5	1.34	41.103	0.41
134.9	5	1.73	41.119	0.53
134.95	5	1.46	41.134	0.44
135	4.5	1.32	41.149	0.4
135.05	4.75	1.06	41.164	0.32
135.1	4.87	1.58	41.18	0.48
135.15	4.94	1.64	41.195	0.5
135.2	4.97	2.06	41.21	0.63
135.25	4.98	1.43	41.225	0.44
135.3	4.99	2.7	41.241	0.82
135.35	5	1.66	41.256	0.51
135.4	4.5	2.36	41.271	0.72
135.45	4.75	2.17	41.286	0.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	4.87	3.25	41.302	0.99
135.55	4.94	2.37	41.317	0.72
135.6	4.97	2.44	41.332	0.74
135.65	4.98	1.82	41.347	0.56
135.7	4.99	2.69	41.362	0.82
135.75	5	1.81	41.378	0.55
135.8	4.5	1.62	41.393	0.5
135.85	4.25	2.32	41.408	0.71
135.9	4.62	1.94	41.423	0.59
135.95	4.81	1.64	41.439	0.5
136	4.41	2.13	41.454	0.65
136.05	4.2	1.7	41.469	0.52
136.1	4.6	1.67	41.484	0.51
136.15	4.3	1.3	41.5	0.4
136.2	4.65	1.87	41.515	0.57
136.25	4.83	2.02	41.53	0.62
136.3	4.91	1.77	41.545	0.54
136.35	4.96	1.83	41.561	0.56
136.4	4.48	1.8	41.576	0.55
136.45	4.24	1.92	41.591	0.58
136.5	4.62	1.75	41.606	0.53
136.55	4.81	2.03	41.622	0.62
136.6	4.9	2.52	41.637	0.77
136.65	4.45	2.9	41.652	0.88
136.7	5.23	2.7	41.667	0.82
136.75	5.11	2.11	41.683	0.64
136.8	5.06	2.38	41.698	0.73
136.85	4.53	2.51	41.713	0.76
136.9	4.76	2.3	41.728	0.7
136.95	4.38	1.63	41.744	0.5
137	4.19	1.96	41.759	0.6
137.05	4.6	2.49	41.774	0.76
137.1	4.8	1.51	41.789	0.46
137.15	4.4	1.64	41.804	0.5
137.2	4.2	2.38	41.82	0.73
137.25	4.6	1.85	41.835	0.56
137.3	4.3	2.38	41.85	0.73
137.35	4.65	2.94	41.865	0.9
137.4	4.32	2.09	41.881	0.64
137.45	4.16	1.64	41.896	0.5
137.5	4.08	2.02	41.911	0.62
137.55	4.54	0.76	41.926	0.23
137.6	4.77	3.98	41.942	1.21
137.65	4.39	3.45	41.957	1.05
137.7	4.69	1.28	41.972	0.39
137.75	4.85	1.46	41.987	0.44
137.8	4.92	2.18	42.003	0.66
137.85	4.96	1.35	42.018	0.41
137.9	4.98	2.83	42.033	0.86
137.95	4.99	1.96	42.048	0.6
138	4.5	2.39	42.064	0.73
138.05	4.25	3.18	42.079	0.97
138.1	4.62	1.97	42.094	0.6
138.15	4.31	3.27	42.109	1
138.2	4.16	5.29	42.125	1.61
138.25	4.58	2.84	42.14	0.87
138.3	4.79	2.42	42.155	0.74
138.35	4.89	1.6	42.17	0.49
138.4	4.45	3.31	42.185	1.01
138.45	4.22	2.23	42.201	0.68
138.5	4.61	4.69	42.216	1.43
138.55	4.81	1.94	42.231	0.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	4.9	1.74	42.246	0.53
138.65	4.95	1.79	42.262	0.54
138.7	4.48	1.73	42.277	0.53
138.75	4.74	2.64	42.292	0.8
138.8	4.87	1.57	42.307	0.48
138.85	4.93	3.3	42.323	1
138.9	4.97	1.71	42.338	0.52
138.95	4.48	1.87	42.353	0.57
139	4.74	1.69	42.368	0.51
139.05	4.37	2.77	42.384	0.84
139.1	4.69	2.08	42.399	0.63
139.15	4.84	2.03	42.414	0.62
139.2	4.92	2.54	42.429	0.77
139.25	4.96	4.87	42.445	1.48
139.3	4.48	2.67	42.46	0.81
139.35	4.74	2.12	42.475	0.65
139.4	4.87	2.71	42.49	0.83
139.45	4.94	3.91	42.506	1.19
139.5	4.97	2.64	42.521	0.8
139.55	4.98	3.42	42.536	1.04
139.6	4.99	3.83	42.551	1.17
139.65	5	3.01	42.567	0.92
139.7	5	3.27	42.582	1
139.75	5	2.57	42.597	0.78
139.8	5	3.26	42.612	0.99
139.85	5	2.49	42.627	0.76
139.9	5	2.2	42.643	0.67
139.95	5	1.97	42.658	0.6
140	5	1.95	42.673	0.6
140.05	5	1.6	42.688	0.49
140.1	5	2.11	42.704	0.64
140.15	5	2	42.719	0.61
140.2	5	2.22	42.734	0.68
140.25	4.5	1.72	42.749	0.52
140.3	4.25	2.05	42.765	0.63
140.35	4.62	2.34	42.78	0.71
140.4	4.81	2.12	42.795	0.65
140.45	4.41	1.92	42.81	0.58
140.5	4.7	2.93	42.826	0.89
140.55	4.85	2.29	42.841	0.7
140.6	4.43	2.55	42.856	0.78
140.65	4.71	3.61	42.871	1.1
140.7	4.86	2.12	42.887	0.65
140.75	4.93	2.58	42.902	0.79
140.8	4.46	2.12	42.917	0.65
140.85	4.23	2.96	42.932	0.9
140.9	4.12	2.58	42.948	0.79
140.95	4.06	2.59	42.963	0.79
141	4.53	4	42.978	1.22
141.05	4.26	2.44	42.993	0.74
141.1	4.13	2.38	43.008	0.73
141.15	4.07	2.72	43.024	0.83
141.2	4.03	2.5	43.039	0.76
141.25	4.52	3.11	43.054	0.95
141.3	4.26	1.95	43.069	0.59
141.35	4.63	2.4	43.085	0.73
141.4	4.81	1.9	43.1	0.58
141.45	4.91	3.01	43.115	0.92
141.5	4.95	2.5	43.13	0.76
141.55	4.98	2.48	43.146	0.76
141.6	4.99	2.49	43.161	0.76
141.65	4.99	2.55	43.176	0.78

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	5	2.2	43.191	0.67
141.75	5	2.68	43.207	0.82
141.8	5	2.71	43.222	0.83
141.85	5	2.23	43.237	0.68
141.9	5	2.82	43.252	0.86
141.95	5	3.88	43.268	1.18
142	5	2.2	43.283	0.67
142.05	4.5	2.74	43.298	0.84
142.1	4.25	2.19	43.313	0.67
142.15	4.12	2.58	43.329	0.79
142.2	4.56	2.24	43.344	0.68
142.25	4.28	2.8	43.359	0.85
142.3	4.14	2.99	43.374	0.91
142.35	4.07	2.53	43.39	0.77
142.4	4.04	2.61	43.405	0.8
142.45	4.52	2.28	43.42	0.7
142.5	4.26	1.26	43.435	0.39
142.55	4.13	0.46	43.45	0.14
142.6	4.06	2.64	43.466	0.8
142.65	4.03	1.67	43.481	0.51
142.7	4.02	2.09	43.496	0.64
142.75	4.01	1.85	43.511	0.56
142.8	4	3.49	43.527	1.07
142.85	4.5	1.67	43.542	0.51
142.9	4.25	3.07	43.557	0.94
142.95	4.63	1.95	43.572	0.6
143	4.31	3.6	43.588	1.1
143.05	4.16	2.16	43.603	0.66
143.1	4.08	4.17	43.618	1.27
143.15	4.04	1.77	43.633	0.54
143.2	4.52	2.88	43.649	0.88
143.25	4.76	3.32	43.664	1.01
143.3	4.88	2.92	43.679	0.89
143.35	4.44	3.38	43.694	1.03
143.4	4.22	2.11	43.71	0.64
143.45	4.11	2.32	43.725	0.71
143.5	4.55	3.08	43.74	0.94
143.55	4.78	2.75	43.755	0.84
143.6	4.39	0.91	43.771	0.28
143.65	4.19	2.91	43.786	0.89
143.7	4.1	2.19	43.801	0.67
143.75	4.05	1.94	43.816	0.59
143.8	4.02	0.86	43.832	0.26
143.85	4.01	2.23	43.847	0.68
143.9	4.01	0.9	43.862	0.27
143.95	4.5	1.51	43.877	0.46
144	4.25	1.26	43.892	0.38
144.05	4.13	3.26	43.908	0.99
144.1	4.06	1.08	43.923	0.33
144.15	4.03	2.51	43.938	0.76
144.2	4.02	1.9	43.953	0.58
144.25	4.01	3.22	43.969	0.98
144.3	4	1.61	43.984	0.49
144.35	4	2.04	43.999	0.62
144.4	4	1.41	44.014	0.43
144.45	4.5	2.81	44.03	0.86
144.5	4.75	2.01	44.045	0.61
144.55	4.88	3.81	44.06	1.16
144.6	4.94	1.53	44.075	0.47
144.65	4.97	1.74	44.091	0.53
144.7	4.98	1.76	44.106	0.54
144.75	4.99	1.26	44.121	0.39

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
144.8	5	1.49	44.136	0.45
144.85	5	1.48	44.152	0.45
144.9	5	1.24	44.167	0.38
144.95	5	0.98	44.182	0.3
145	5	1.3	44.197	0.4
145.05	5	0.69	44.213	0.21
145.1	5	1.21	44.228	0.37
145.15	5	1.64	44.243	0.5
145.2	4.5	1.34	44.258	0.41
145.25	4.75	1.27	44.273	0.39
145.3	4.87	1.48	44.289	0.45
145.35	4.94	1.88	44.304	0.57
145.4	5.47	1.71	44.319	0.52
145.45	5.23	1.15	44.334	0.35
145.5	5.12	1.87	44.35	0.57
145.55	5.56	2.16	44.365	0.66
145.6	5.28	2.43	44.38	0.74
145.65	4.64	1.83	44.395	0.56
145.7	4.82	1.85	44.411	0.56
145.75	4.91	2.66	44.426	0.81
145.8	4.95	1.8	44.441	0.55
145.85	4.98	1.31	44.456	0.4
145.9	4.99	1.94	44.472	0.59
145.95	4.99	1.96	44.487	0.6
146	5	1.2	44.502	0.37
146.05	5	1.92	44.517	0.59
146.1	5	0.94	44.533	0.29
146.15	4.5	1.26	44.548	0.39
146.2	4.75	1.09	44.563	0.33
146.25	4.87	1.64	44.578	0.5
146.3	4.44	0.74	44.594	0.23
146.35	4.72	0.86	44.609	0.26
146.4	4.86	0.97	44.624	0.29
146.45	4.43	1.54	44.639	0.47
146.5	4.21	0.95	44.655	0.29
146.55	4.11	1.34	44.67	0.41
146.6	4.05	1.02	44.685	0.31
146.65	4.03	1.66	44.7	0.51
146.7	4.51	1.27	44.715	0.39
146.75	4.26	1.23	44.731	0.38
146.8	4.63	1.23	44.746	0.37
146.85	4.81	1.67	44.761	0.51
146.9	4.91	1.88	44.776	0.57
146.95	4.95	1.79	44.792	0.54
147	4.48	1.35	44.807	0.41
147.05	4.24	1.27	44.822	0.39
147.1	4.12	1.29	44.837	0.39
147.15	4.06	1.42	44.853	0.43
147.2	4.03	1.03	44.868	0.32
147.25	4.51	1.18	44.883	0.36
147.3	6.26	1.53	44.898	0.47
147.35	9.13	1.47	44.914	0.45
147.4	11.06	1.09	44.929	0.33
147.45	12.53	1.58	44.944	0.48
147.5	12.77	1.39	44.959	0.42
147.55	12.88	0.42	44.975	0.13
147.6	12.44	3.11	44.99	0.95
147.65	10.72	2.1	45.005	0.64
147.7	10.36	1.29	45.02	0.39
147.75	10.68	1.99	45.036	0.61
147.8	10.84	4.58	45.051	1.39
147.85	10.42	1.87	45.066	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.9	10.21	2.98	45.081	0.91
147.95	10.11	1.99	45.097	0.61
148	10.05	2.68	45.112	0.82
148.05	10.53	1.98	45.127	0.6
148.1	10.76	2.06	45.142	0.63
148.15	10.38	1.79	45.157	0.55
148.2	11.19	4.45	45.173	1.36
148.25	11.6	2.02	45.188	0.62
148.3	11.8	1.11	45.203	0.34
148.35	12.9	1.75	45.218	0.53
148.4	12.45	3.85	45.234	1.17
148.45	13.72	1.96	45.249	0.6
148.5	14.36	1.23	45.264	0.37
148.55	13.68	2.4	45.279	0.73
148.6	12.34	0.99	45.295	0.3
148.65	12.17	0.97	45.31	0.3
148.7	11.59	1.2	45.325	0.37
148.75	10.79	0.67	45.34	0.2
148.8	10.4	0.39	45.356	0.12
148.85	9.7	1.6	45.371	0.49
148.9	8.85	0.37	45.386	0.11
148.95	7.92	0.52	45.401	0.16
149	7.46	0.72	45.417	0.22
149.05	7.23	1.28	45.432	0.39
149.1	6.62	1.05	45.447	0.32
149.15	5.81	1.41	45.462	0.43
149.2	5.4	0.78	45.478	0.24
149.25	5.7	2.88	45.493	0.88
149.3	5.35	1.62	45.508	0.49
149.35	5.18	0.67	45.523	0.2
149.4	5.59	0.81	45.538	0.25
149.45	5.29	1.73	45.554	0.53
149.5	5.15	1.62	45.569	0.49
149.55	5.07	2.35	45.584	0.72
149.6	5.54	1.31	45.599	0.4
149.65	5.77	1.68	45.615	0.51
149.7	5.88	2.29	45.63	0.7
149.75	5.94	3.04	45.645	0.93
149.8	5.97	2.47	45.66	0.75
149.85	6.49	1.67	45.676	0.51
149.9	6.74	2.47	45.691	0.75
149.95	6.87	3.86	45.706	1.18
150	7.44	2.01	45.721	0.61
150.05	7.22	3.12	45.737	0.95
150.1	7.11	3.03	45.752	0.92
150.15	7.05	2.65	45.767	0.81
150.2	6.53	2.48	45.782	0.76
150.25	6.76	3.36	45.798	1.02
150.3	6.38	3.96	45.813	1.21
150.35	6.19	2.92	45.828	0.89
150.4	6.1	3.41	45.843	1.04
150.45	6.05	1.36	45.859	0.41
150.5	6.02	2.94	45.874	0.9
150.55	5.51	2.23	45.889	0.68
150.6	5.76	2.28	45.904	0.69
150.65	5.38	1.73	45.92	0.53
150.7	5.69	2.66	45.935	0.81
150.75	5.84	1.84	45.95	0.56
150.8	5.92	2.64	45.965	0.81
150.85	5.96	1.7	45.98	0.52
150.9	5.98	2.17	45.996	0.66
150.95	5.99	2.29	46.011	0.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	5.5	1.24	46.026	0.38
151.05	5.25	1.94	46.041	0.59
151.1	5.12	2.11	46.057	0.64
151.15	5.56	1.65	46.072	0.5
151.2	5.78	2.34	46.087	0.71
151.25	5.89	1.41	46.102	0.43
151.3	5.95	1.07	46.118	0.33
151.35	5.97	2.38	46.133	0.73
151.4	5.49	2	46.148	0.61
151.45	5.24	1.59	46.163	0.49
151.5	5.12	1.73	46.179	0.53
151.55	5.06	1.32	46.194	0.4
151.6	5.03	1.87	46.209	0.57
151.65	5.02	1.8	46.224	0.55
151.7	5.01	2.75	46.24	0.84
151.75	5	1.5	46.255	0.46
151.8	5	2.23	46.27	0.68
151.85	5	1.48	46.285	0.45
151.9	5	1.31	46.301	0.4
151.95	5	2.47	46.316	0.75
152	5	0.97	46.331	0.3
152.05	5	4.63	46.346	1.41
152.1	5	2.21	46.362	0.67
152.15	5.5	1.49	46.377	0.45
152.2	5.25	1.13	46.392	0.34
152.25	5.63	4.74	46.407	1.45
152.3	5.31	1.59	46.422	0.48
152.35	5.66	1.8	46.438	0.55
152.4	5.83	1.93	46.453	0.59
152.45	5.91	5.09	46.468	1.55
152.5	5.96	0.74	46.483	0.23
152.55	5.48	4.05	46.499	1.24
152.6	5.24	2.7	46.514	0.82
152.65	5.12	2.63	46.529	0.8
152.7	5.06	2.27	46.544	0.69
152.75	5.03	1.98	46.56	0.6
152.8	4.51	2.62	46.575	0.8
152.85	5.26	1.93	46.59	0.59
152.9	5.13	1.59	46.605	0.49
152.95	5.06	1.92	46.621	0.59
153	5.53	2.73	46.636	0.83
153.05	4.77	1.87	46.651	0.57
153.1	5.38	2.54	46.666	0.77
153.15	5.69	0.87	46.682	0.26
153.2	5.35	2.02	46.697	0.62
153.25	4.17	0.81	46.712	0.25
153.3	3.59	3.8	46.727	1.16
153.35	4.29	0.94	46.743	0.29
153.4	3.65	2.78	46.758	0.85
153.45	3.82	1.15	46.773	0.35
153.5	4.41	2.87	46.788	0.87
153.55	4.21	1.2	46.803	0.37
153.6	5.1	2.2	46.819	0.67
153.65	4.55	1.37	46.834	0.42
153.7	4.28	2.27	46.849	0.69
153.75	4.64	0.72	46.864	0.22
153.8	4.82	1.01	46.88	0.31
153.85	5.41	1.5	46.895	0.46
153.9	5.7	3.15	46.91	0.96
153.95	6.35	2.07	46.925	0.63
154	6.68	2.59	46.941	0.79
154.05	7.84	3.54	46.956	1.08

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	7.42	2.83	46.971	0.86
154.15	7.71	2.69	46.986	0.82
154.2	7.85	3.03	47.002	0.92
154.25	7.43	2.99	47.017	0.91
154.3	7.21	2.12	47.032	0.65
154.35	6.61	3.52	47.047	1.07
154.4	6.3	1.74	47.063	0.53
154.45	6.15	3.85	47.078	1.17
154.5	6.08	1.68	47.093	0.51
154.55	6.04	2.36	47.108	0.72
154.6	6.02	2.33	47.124	0.71
154.65	6.01	2.72	47.139	0.83
154.7	6	1.82	47.154	0.56
154.75	6	2.7	47.169	0.82
154.8	6	1.6	47.185	0.49
154.85	6	1.35	47.2	0.41
154.9	6	0.65	47.215	0.2
154.95	6	1.99	47.23	0.61
155	6	1.2	47.245	0.37
155.05	6	1.65	47.261	0.5
155.1	6	1.86	47.276	0.57
155.15	6	1.32	47.291	0.4
155.2	6.5	2.05	47.306	0.63
155.25	6.75	1.53	47.322	0.47
155.3	6.88	1.84	47.337	0.56
155.35	7.44	2.18	47.352	0.67
155.4	7.22	1.54	47.367	0.47
155.45	7.11	0.89	47.383	0.27
155.5	7.05	1.35	47.398	0.41
155.55	7.03	1.72	47.413	0.52
155.6	7.01	1.93	47.428	0.59
155.65	7.01	0.78	47.444	0.24
155.7	7	1.14	47.459	0.35
155.75	7.5	0.72	47.474	0.22
155.8	7.25	0.87	47.489	0.27
155.85	7.13	0.73	47.505	0.22
155.9	7.06	1.32	47.52	0.4
155.95	7.03	0.68	47.535	0.21
156	7.02	1.69	47.55	0.51
156.05	7.01	0.58	47.566	0.18
156.1	7	0.82	47.581	0.25
156.15	7	0.62	47.596	0.19
156.2	7	1.54	47.611	0.47
156.25	7	1.52	47.627	0.46
156.3	7	1.36	47.642	0.41
156.35	7	1.3	47.657	0.4
156.4	7	2.16	47.672	0.66
156.45	7	2.03	47.687	0.62
156.5	7	1.59	47.703	0.48
156.55	7	0.63	47.718	0.19
156.6	7	1	47.733	0.3
156.65	7	0.64	47.748	0.19
156.7	7	1.57	47.764	0.48
156.75	7.5	1.76	47.779	0.54
156.8	7.75	1.38	47.794	0.42
156.85	7.38	3	47.809	0.91
156.9	7.19	1.32	47.825	0.4

US EPA ARCHIVE DOCUMENT

C:\COND\LOGFILES\EC0695.INF TS3-05

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Sat Jun 07 2008 09:39

LOG END DEPTH: 143.805 FEET

LOG END TIME: Sat Jun 07 2008 13:10

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	137.04	3.4	0	1.04
0.05	70.52	6.17	0.015	1.88
0.1	35.76	7.91	0.03	2.41
0.15	19.88	11.02	0.046	3.36
0.2	10.44	11.99	0.061	3.66
0.25	6.22	12.91	0.076	3.93
0.3	3.61	13.07	0.091	3.98
0.35	5.3	14.24	0.107	4.34
0.4	6.65	15.16	0.122	4.62
0.45	7.83	15.5	0.137	4.72
0.5	8.41	15.81	0.152	4.82
0.55	9.21	15.55	0.168	4.74
0.6	10.1	17.26	0.183	5.26
0.65	10.55	16.6	0.198	5.06
0.7	12.28	17.51	0.213	5.34
0.75	12.64	16.75	0.229	5.1
0.8	12.32	16.88	0.244	5.15
0.85	12.16	16.31	0.259	4.97
0.9	12.08	17.1	0.274	5.21
0.95	13.04	16.8	0.29	5.12
1	13.02	17.7	0.305	5.39
1.05	14.01	15.13	0.32	4.61
1.1	15	13.23	0.335	4.03
1.15	14.5	13.99	0.351	4.26
1.2	15.25	14.69	0.366	4.48
1.25	16.13	13.83	0.381	4.21
1.3	17.06	12.84	0.396	3.91
1.35	18.53	13.27	0.411	4.04
1.4	19.27	13.5	0.427	4.12
1.45	19.13	13.51	0.442	4.12
1.5	25.07	14.42	0.457	4.39
1.55	26.53	13.46	0.472	4.1
1.6	24.77	11.07	0.488	3.37
1.65	23.38	6.95	0.503	2.12
1.7	21.19	5.23	0.518	1.6
1.75	19.6	5.42	0.533	1.65
1.8	18.3	5.05	0.549	1.54
1.85	14.15	7.57	0.564	2.31
1.9	11.57	7.03	0.579	2.14
1.95	11.29	10.58	0.594	3.23
2	13.64	9.18	0.61	2.8
2.05	16.32	11.06	0.625	3.37
2.1	15.16	11.15	0.64	3.4

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.15	14.08	12.2	0.655	3.72
2.2	14.54	12	0.671	3.66
2.25	16.77	12.81	0.686	3.91
2.3	18.39	13.39	0.701	4.08
2.35	21.19	10.34	0.716	3.15
2.4	22.6	8.03	0.732	2.45
2.45	22.8	7.68	0.747	2.34
2.5	21.4	7.43	0.762	2.27
2.55	21.7	6.47	0.777	1.97
2.6	26.35	3.21	0.792	0.98
2.65	28.67	5.31	0.808	1.62
2.7	26.34	5.93	0.823	1.81
2.75	13.67	6.59	0.838	2.01
2.8	7.33	7.74	0.853	2.36
2.85	13.17	7.83	0.869	2.39
2.9	17.08	8.49	0.884	2.59
2.95	20.54	8.89	0.899	2.71
3	21.77	11.74	0.914	3.58
3.05	23.89	13.86	0.93	4.23
3.1	25.94	18.31	0.945	5.58
3.15	27.97	12.75	0.96	3.89
3.2	28.99	13.39	0.975	4.08
3.25	28.99	10.51	0.991	3.2
3.3	29	7.83	1.006	2.39
3.35	23.5	6.21	1.021	1.89
3.4	24.25	5.36	1.036	1.63
3.45	25.62	5.25	1.052	1.6
3.5	25.81	8.35	1.067	2.55
3.55	24.91	7.7	1.082	2.35
3.6	25.45	10.49	1.097	3.2
3.65	24.73	7.52	1.113	2.29
3.7	19.86	12.12	1.128	3.69
3.75	20.43	11.43	1.143	3.49
3.8	22.22	12.43	1.158	3.79
3.85	22.61	18.39	1.173	5.61
3.9	23.8	15.12	1.189	4.61
3.95	23.4	17.88	1.204	5.45
4	24.7	16.28	1.219	4.96
4.05	22.85	18.47	1.234	5.63
4.1	21.93	17.7	1.25	5.39
4.15	22.46	21.52	1.265	6.56
4.2	22.73	17.87	1.28	5.45
4.25	21.87	19.76	1.295	6.02
4.3	21.43	19.27	1.311	5.88
4.35	20.22	21.35	1.326	6.51
4.4	21.11	19.9	1.341	6.07
4.45	20.05	20.97	1.356	6.39
4.5	19.03	18.86	1.372	5.75
4.55	19.01	18.25	1.387	5.56
4.6	18.01	18.65	1.402	5.69
4.65	17.5	19.18	1.417	5.85
4.7	17.25	19.88	1.433	6.06
4.75	18.63	21.05	1.448	6.42
4.8	18.81	19.77	1.463	6.02
4.85	18.91	21.8	1.478	6.65
4.9	20.95	18.92	1.494	5.77
4.95	21.98	15	1.509	4.57
5	21.99	17.94	1.524	5.47
5.05	22.49	18.04	1.539	5.5
5.1	22.25	18.79	1.554	5.73
5.15	21.12	18.61	1.57	5.67

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.2	20.06	18.94	1.585	5.77
5.25	21.03	18.62	1.6	5.68
5.3	23.52	20.83	1.615	6.35
5.35	25.26	18.45	1.631	5.62
5.4	25.63	18.39	1.646	5.6
5.45	25.81	18.45	1.661	5.62
5.5	24.91	18.86	1.676	5.75
5.55	23.45	18.59	1.692	5.67
5.6	22.23	20.19	1.707	6.15
5.65	23.61	18.9	1.722	5.76
5.7	24.81	20.07	1.737	6.12
5.75	24.9	18.08	1.753	5.51
5.8	25.45	19.85	1.768	6.05
5.85	26.73	18.54	1.783	5.65
5.9	26.36	19.55	1.798	5.96
5.95	24.68	18.69	1.814	5.7
6	24.34	19.48	1.829	5.94
6.05	24.17	18.88	1.844	5.76
6.1	23.59	20.77	1.859	6.33
6.15	22.79	17.84	1.875	5.44
6.2	25.4	17.69	1.89	5.39
6.25	24.7	18.09	1.905	5.51
6.3	25.35	15.96	1.92	4.86
6.35	26.17	17.21	1.935	5.25
6.4	18.59	17.21	1.951	5.25
6.45	11.79	17.62	1.966	5.37
6.5	6.9	17.64	1.981	5.38
6.55	5.45	17.97	1.996	5.48
6.6	3.72	17.86	2.012	5.45
6.65	2.36	18.32	2.027	5.58
6.7	2.18	18.42	2.042	5.61
6.75	2.09	18.29	2.057	5.57
6.8	5.05	18.01	2.073	5.49
6.85	5.52	18.27	2.088	5.57
6.9	8.76	17.84	2.103	5.44
6.95	12.38	19.32	2.118	5.89
7	14.19	18.09	2.134	5.51
7.05	16.1	18.25	2.149	5.56
7.1	20.55	18.51	2.164	5.64
7.15	25.77	18.78	2.179	5.72
7.2	28.89	18.08	2.195	5.51
7.25	29.44	17.76	2.21	5.41
7.3	32.22	17.34	2.225	5.29
7.35	33.61	17.74	2.24	5.41
7.4	32.81	17.68	2.256	5.39
7.45	31.9	17.04	2.271	5.19
7.5	32.45	17.64	2.286	5.38
7.55	33.23	17	2.301	5.18
7.6	34.61	18.4	2.316	5.61
7.65	33.31	2.25	2.332	0.69
7.7	32.15	5.07	2.347	1.55
7.75	31.58	6.07	2.362	1.85
7.8	32.29	6.29	2.377	1.92
7.85	31.64	8.53	2.393	2.6
7.9	31.82	10.07	2.408	3.07
7.95	30.91	8.64	2.423	2.63
8	31.46	12.68	2.438	3.87
8.05	32.23	13.23	2.454	4.03
8.1	32.11	18.53	2.469	5.65
8.15	33.56	16.75	2.484	5.1
8.2	34.78	21.19	2.499	6.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.25	34.39	18.49	2.515	5.63
8.3	34.19	19.41	2.53	5.92
8.35	33.1	19.61	2.545	5.98
8.4	32.05	23.9	2.56	7.29
8.45	33.02	20.71	2.576	6.31
8.5	33.51	21.17	2.591	6.45
8.55	35.76	21.57	2.606	6.57
8.6	33.88	23.84	2.621	7.27
8.65	32.94	20.93	2.637	6.38
8.7	34.47	19.08	2.652	5.82
8.75	32.23	21.03	2.667	6.41
8.8	30.62	23.56	2.682	7.18
8.85	30.81	16.28	2.697	4.96
8.9	30.9	17.41	2.713	5.31
8.95	30.95	17.01	2.728	5.19
9	31.98	17.85	2.743	5.44
9.05	31.49	20.4	2.758	6.22
9.1	31.74	19.8	2.774	6.04
9.15	32.37	17.92	2.789	5.46
9.2	32.69	20.42	2.804	6.23
9.25	32.34	19.23	2.819	5.86
9.3	30.67	19.07	2.835	5.81
9.35	31.84	21.92	2.85	6.68
9.4	30.92	20.01	2.865	6.1
9.45	31.46	20.05	2.88	6.11
9.5	30.73	20.54	2.896	6.26
9.55	29.36	19.37	2.911	5.9
9.6	30.18	20.63	2.926	6.29
9.65	31.09	23.01	2.941	7.01
9.7	32.05	19.5	2.957	5.94
9.75	32.02	18.76	2.972	5.72
9.8	31.51	20.13	2.987	6.14
9.85	30.26	21.74	3.002	6.63
9.9	30.13	19.43	3.018	5.92
9.95	29.56	22.37	3.033	6.82
10	29.28	19.27	3.048	5.87
10.05	28.64	22.1	3.063	6.74
10.1	28.32	18.21	3.078	5.55
10.15	29.16	18.65	3.094	5.69
10.2	29.58	18.54	3.109	5.65
10.25	29.29	18.79	3.124	5.73
10.3	29.15	19.14	3.139	5.84
10.35	28.57	19.11	3.155	5.83
10.4	28.79	18.97	3.17	5.78
10.45	29.89	18.98	3.185	5.79
10.5	30.95	20.01	3.2	6.1
10.55	30.97	18.68	3.216	5.69
10.6	30.49	18.93	3.231	5.77
10.65	30.24	18.39	3.246	5.61
10.7	29.62	21.43	3.261	6.53
10.75	29.81	18.91	3.277	5.76
10.8	29.91	20.35	3.292	6.2
10.85	29.45	18.8	3.307	5.73
10.9	28.73	20.98	3.322	6.4
10.95	28.86	19.22	3.338	5.86
11	28.93	19.87	3.353	6.06
11.05	28.97	19.26	3.368	5.87
11.1	29.98	20.01	3.383	6.1
11.15	30.99	18.8	3.399	5.73
11.2	30.5	17.96	3.414	5.47
11.25	29.75	19.52	3.429	5.95

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.3	29.37	17.75	3.444	5.41
11.35	29.19	18.11	3.459	5.52
11.4	29.59	18.09	3.475	5.51
11.45	29.3	18.2	3.49	5.55
11.5	29.65	18.19	3.505	5.55
11.55	29.82	18.31	3.52	5.58
11.6	28.41	18.18	3.536	5.54
11.65	28.21	18.29	3.551	5.58
11.7	28.1	18.53	3.566	5.65
11.75	28.55	18.31	3.581	5.58
11.8	28.28	18.11	3.597	5.52
11.85	28.14	18.29	3.612	5.58
11.9	27.07	17.91	3.627	5.46
11.95	27.03	18.97	3.642	5.78
12	27.02	18.52	3.658	5.64
12.05	27.01	18.45	3.673	5.63
12.1	27	18.15	3.688	5.53
12.15	27.5	18.89	3.703	5.76
12.2	28.25	17.96	3.719	5.47
12.25	29.13	18.12	3.734	5.52
12.3	28.56	18.71	3.749	5.7
12.35	28.28	18.81	3.764	5.73
12.4	29.14	19.19	3.78	5.85
12.45	28.57	19.16	3.795	5.84
12.5	28.79	18.87	3.81	5.75
12.55	28.89	17.91	3.825	5.46
12.6	28.95	18.18	3.84	5.54
12.65	28.97	17.89	3.856	5.45
12.7	30.49	5.68	3.871	1.73
12.75	28.74	4.48	3.886	1.36
12.8	28.87	4.87	3.901	1.48
12.85	28.94	9.98	3.917	3.04
12.9	27.47	11.48	3.932	3.5
12.95	28.23	12.48	3.947	3.8
13	28.62	18.47	3.962	5.63
13.05	26.81	15.08	3.978	4.6
13.1	25.4	15.66	3.993	4.77
13.15	23.7	16.84	4.008	5.13
13.2	23.85	23.03	4.023	7.02
13.25	23.43	20.83	4.039	6.35
13.3	20.71	18.85	4.054	5.75
13.35	19.86	21.37	4.069	6.51
13.4	19.93	24.32	4.084	7.41
13.45	20.96	21.11	4.1	6.44
13.5	22.48	20.79	4.115	6.34
13.55	23.24	21.54	4.13	6.56
13.6	25.12	24.06	4.145	7.33
13.65	26.56	21.83	4.161	6.66
13.7	25.78	19.37	4.176	5.9
13.75	26.39	21.82	4.191	6.65
13.8	26.2	23.72	4.206	7.23
13.85	27.1	20.57	4.221	6.27
13.9	26.05	17.73	4.237	5.4
13.95	26.52	20.94	4.252	6.38
14	26.26	23.07	4.267	7.03
14.05	26.63	20.76	4.282	6.33
14.1	25.82	16.9	4.298	5.15
14.15	25.41	17.35	4.313	5.29
14.2	26.2	17.68	4.328	5.39
14.25	26.1	17.65	4.343	5.38
14.3	27.05	18.21	4.359	5.55

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.35	26.53	17.53	4.374	5.34
14.4	25.76	18.29	4.389	5.57
14.45	25.88	20.47	4.404	6.24
14.5	24.94	19.27	4.42	5.87
14.55	25.47	18.88	4.435	5.76
14.6	25.74	20.36	4.45	6.21
14.65	24.87	22.53	4.465	6.87
14.7	24.93	19.81	4.481	6.04
14.75	24.97	18.53	4.496	5.65
14.8	24.98	19.49	4.511	5.94
14.85	24.99	21.38	4.526	6.52
14.9	25	18.85	4.542	5.75
14.95	24.5	21.67	4.557	6.61
15	25.25	19.14	4.572	5.83
15.05	25.62	21.68	4.587	6.61
15.1	25.81	18.49	4.602	5.64
15.15	25.41	21.06	4.618	6.42
15.2	24.7	17.22	4.633	5.25
15.25	25.35	18.82	4.648	5.74
15.3	25.68	19.17	4.663	5.84
15.35	26.34	2.5	4.679	0.76
15.4	26.67	5.99	4.694	1.83
15.45	26.33	8.41	4.709	2.56
15.5	25.67	10.87	4.724	3.31
15.55	26.83	13.46	4.74	4.1
15.6	25.92	14.26	4.755	4.35
15.65	24.96	15.02	4.77	4.58
15.7	25.48	15.79	4.785	4.81
15.75	24.74	16.64	4.801	5.07
15.8	24.87	17.74	4.816	5.41
15.85	24.93	17.49	4.831	5.33
15.9	24.97	20.3	4.846	6.19
15.95	24.98	17.75	4.862	5.41
16	24.49	18.61	4.877	5.67
16.05	24.25	18.48	4.892	5.63
16.1	23.62	20.66	4.907	6.3
16.15	23.31	3.26	4.923	0.99
16.2	23.16	5.13	4.938	1.56
16.25	23.58	7.31	4.953	2.23
16.3	23.29	9.37	4.968	2.86
16.35	24.14	8.71	4.983	2.65
16.4	24.57	8.92	4.999	2.72
16.45	24.29	8.87	5.014	2.7
16.5	23.14	5.78	5.029	1.76
16.55	23.07	4.3	5.044	1.31
16.6	23.04	3.48	5.06	1.06
16.65	22.52	3.66	5.075	1.12
16.7	23.26	4.36	5.09	1.33
16.75	22.63	6.62	5.105	2.02
16.8	22.31	9.89	5.121	3.01
16.85	22.16	11.13	5.136	3.39
16.9	22.58	13.3	5.151	4.05
16.95	22.29	13.74	5.166	4.19
17	23.14	15.44	5.182	4.71
17.05	23.57	15.54	5.197	4.74
17.1	23.79	15.97	5.212	4.87
17.15	23.39	16.91	5.227	5.16
17.2	23.7	17.32	5.243	5.28
17.25	23.35	17.19	5.258	5.24
17.3	23.67	17.45	5.273	5.32
17.35	23.34	18.41	5.288	5.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.4	22.67	17.53	5.304	5.34
17.45	22.33	17.87	5.319	5.45
17.5	22.17	17.85	5.334	5.44
17.55	23.08	17.68	5.349	5.39
17.6	22.04	17.96	5.364	5.47
17.65	23.52	8.11	5.38	2.47
17.7	22.76	6.87	5.395	2.09
17.75	22.88	6.15	5.41	1.87
17.8	23.44	5.54	5.425	1.69
17.85	23.72	7.94	5.441	2.42
17.9	23.86	9.29	5.456	2.83
17.95	24.43	10.61	5.471	3.23
18	25.22	11.48	5.486	3.5
18.05	26.11	13.88	5.502	4.23
18.1	26.55	18.7	5.517	5.7
18.15	25.28	15.81	5.532	4.82
18.2	26.64	22.06	5.547	6.72
18.25	27.32	19.41	5.563	5.92
18.3	25.16	20.68	5.578	6.3
18.35	25.08	20.13	5.593	6.13
18.4	25.04	23.44	5.608	7.14
18.45	26.52	20.5	5.624	6.25
18.5	24.26	20.94	5.639	6.38
18.55	25.13	21.25	5.654	6.48
18.6	24.06	23.26	5.669	7.09
18.65	25.53	19.83	5.685	6.04
18.7	23.27	16.71	5.7	5.09
18.75	25.13	18.88	5.715	5.75
18.8	25.57	21.31	5.73	6.49
18.85	24.78	19.31	5.745	5.89
18.9	24.89	16.81	5.761	5.12
18.95	24.45	19.18	5.776	5.85
19	24.22	22.74	5.791	6.93
19.05	24.11	19.42	5.806	5.92
19.1	24.56	14.14	5.822	4.31
19.15	24.28	14.91	5.837	4.55
19.2	23.64	15.24	5.852	4.65
19.25	23.82	15.19	5.867	4.63
19.3	22.91	14.61	5.883	4.45
19.35	23.95	17.42	5.898	5.31
19.4	23.98	15.25	5.913	4.65
19.45	22.99	15.58	5.928	4.75
19.5	23.49	14.48	5.944	4.42
19.55	23.25	14.65	5.959	4.47
19.6	24.12	12.86	5.974	3.92
19.65	23.56	16.1	5.989	4.91
19.7	23.28	13.09	6.005	3.99
19.75	23.64	13.64	6.02	4.16
19.8	24.82	11.63	6.035	3.54
19.85	24.91	12.15	6.05	3.7
19.9	24.96	9.75	6.066	2.97
19.95	25.48	10.18	6.081	3.1
20	24.24	11	6.096	3.35
20.05	23.62	11.91	6.111	3.63
20.1	23.31	11.29	6.126	3.44
20.15	23.15	10.67	6.142	3.25
20.2	24.08	10.43	6.157	3.18
20.25	24.54	11.73	6.172	3.57
20.3	25.77	11.13	6.187	3.39
20.35	26.38	8.86	6.203	2.7
20.4	26.19	8.45	6.218	2.58

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
20.45	26.1	9.16	6.233	2.79
20.5	26.05	9.22	6.248	2.81
20.55	27.02	8.78	6.264	2.68
20.6	27.01	8.53	6.279	2.6
20.65	27.51	8.55	6.294	2.61
20.7	26.75	8.38	6.309	2.55
20.75	26.88	9.46	6.325	2.88
20.8	26.44	9.72	6.34	2.96
20.85	25.72	9.07	6.355	2.77
20.9	25.36	8.82	6.37	2.69
20.95	26.18	10.17	6.386	3.1
21	25.59	10.33	6.401	3.15
21.05	26.29	9	6.416	2.74
21.1	25.65	9.05	6.431	2.76
21.15	25.32	9.39	6.447	2.86
21.2	28.66	9.47	6.462	2.89
21.25	26.33	9.33	6.477	2.84
21.3	26.67	10.68	6.492	3.25
21.35	26.83	8.74	6.507	2.66
21.4	26.42	9.49	6.523	2.89
21.45	27.21	9.02	6.538	2.75
21.5	27.6	9.36	6.553	2.85
21.55	28.3	8.97	6.568	2.73
21.6	27.65	8.18	6.584	2.49
21.65	26.33	8.29	6.599	2.53
21.7	27.66	7.87	6.614	2.4
21.75	25.33	8.87	6.629	2.7
21.8	24.17	8.59	6.645	2.62
21.85	25.08	8.66	6.66	2.64
21.9	25.54	8.31	6.675	2.53
21.95	24.77	7.89	6.69	2.4
22	25.39	8.48	6.706	2.58
22.05	23.19	7.8	6.721	2.38
22.1	22.6	7.75	6.736	2.36
22.15	22.3	7.57	6.751	2.31
22.2	21.65	7.1	6.767	2.16
22.25	21.32	6.72	6.782	2.05
22.3	21.16	6.91	6.797	2.11
22.35	20.08	6.61	6.812	2.01
22.4	20.04	6.88	6.828	2.1
22.45	20.02	5.71	6.843	1.74
22.5	19.51	5.99	6.858	1.82
22.55	17.76	6.03	6.873	1.84
22.6	17.38	5.53	6.888	1.69
22.65	16.69	3.02	6.904	0.92
22.7	16.84	2.99	6.919	0.91
22.75	16.92	12.03	6.934	3.67
22.8	15.96	7.63	6.949	2.33
22.85	14.98	7.7	6.965	2.35
22.9	13.99	8.76	6.98	2.67
22.95	13	6.79	6.995	2.07
23	12.5	7.21	7.01	2.2
23.05	12.25	5.94	7.026	1.81
23.1	11.62	4.73	7.041	1.44
23.15	11.31	1.4	7.056	0.43
23.2	11.16	3.39	7.071	1.03
23.25	11.58	7.78	7.087	2.37
23.3	12.29	4.3	7.102	1.31
23.35	12.64	6.47	7.117	1.97
23.4	11.82	6.09	7.132	1.86
23.45	12.41	5.61	7.148	1.71

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.5	13.21	5.81	7.163	1.77
23.55	13.6	6.05	7.178	1.84
23.6	13.8	10.11	7.193	3.08
23.65	14.9	6.16	7.208	1.88
23.7	15.45	6.81	7.224	2.07
23.75	16.73	4.84	7.239	1.48
23.8	17.86	5.27	7.254	1.61
23.85	19.43	5.77	7.269	1.76
23.9	20.72	4.55	7.285	1.39
23.95	23.36	4.7	7.3	1.43
24	28.18	7.43	7.315	2.27
24.05	33.09	5.26	7.33	1.6
24.1	35.04	5.59	7.346	1.7
24.15	36.02	7.12	7.361	2.17
24.2	36.51	6.05	7.376	1.85
24.25	37.26	4.95	7.391	1.51
24.3	37.63	7.98	7.407	2.43
24.35	38.81	4.87	7.422	1.49
24.4	38.41	2.66	7.437	0.81
24.45	39.7	0.82	7.452	0.25
24.5	38.85	3.54	7.468	1.08
24.55	38.93	2.83	7.483	0.86
24.6	38.96	4.18	7.498	1.27
24.65	39.98	3.13	7.513	0.95
24.7	39.49	4.1	7.529	1.25
24.75	40.75	4	7.544	1.22
24.8	39.87	4.81	7.559	1.47
24.85	39.94	5.69	7.574	1.73
24.9	40.47	3.64	7.589	1.11
24.95	41.23	4.09	7.605	1.25
25	41.12	3.44	7.62	1.05
25.05	40.06	8.19	7.635	2.5
25.1	40.03	3.61	7.65	1.1
25.15	40.01	3.83	7.666	1.17
25.2	42.51	5.16	7.681	1.57
25.25	41.75	6.99	7.696	2.13
25.3	41.38	4.45	7.711	1.36
25.35	40.19	5.28	7.727	1.61
25.4	39.59	4.36	7.742	1.33
25.45	39.8	4.18	7.757	1.27
25.5	38.4	3.92	7.772	1.2
25.55	38.7	4.35	7.788	1.32
25.6	37.35	4.47	7.803	1.36
25.65	37.17	3.44	7.818	1.05
25.7	37.09	3.5	7.833	1.07
25.75	37.54	2.48	7.849	0.76
25.8	37.27	3.67	7.864	1.12
25.85	37.64	4.09	7.879	1.25
25.9	36.82	4.44	7.894	1.35
25.95	36.91	3.91	7.91	1.19
26	36.45	4.29	7.925	1.31
26.05	38.73	5.24	7.94	1.6
26.1	38.36	4.05	7.955	1.24
26.15	37.18	5.8	7.97	1.77
26.2	37.59	4.7	7.986	1.43
26.25	37.8	3.54	8.001	1.08
26.3	36.4	4.99	8.016	1.52
26.35	35.7	4.83	8.031	1.47
26.4	37.35	4.57	8.047	1.39
26.45	35.67	4.41	8.062	1.34
26.5	35.34	3.68	8.077	1.12

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
26.55	37.17	4.8	8.092	1.46
26.6	37.08	4.71	8.108	1.43
26.65	37.04	3.68	8.123	1.12
26.7	36.02	5.04	8.138	1.54
26.75	36.51	4.81	8.153	1.47
26.8	37.76	4.53	8.169	1.38
26.85	36.88	3.92	8.184	1.19
26.9	37.44	3.75	8.199	1.14
26.95	37.22	4.08	8.214	1.24
27	40.11	4.12	8.23	1.26
27.05	39.05	4.14	8.245	1.26
27.1	39.53	3.79	8.26	1.15
27.15	39.26	4.34	8.275	1.32
27.2	38.63	4.56	8.291	1.39
27.25	39.82	4.66	8.306	1.42
27.3	38.91	4.3	8.321	1.31
27.35	40.45	4.88	8.336	1.49
27.4	40.73	4.22	8.351	1.29
27.45	41.36	4.66	8.367	1.42
27.5	41.18	5	8.382	1.52
27.55	41.09	4.33	8.397	1.32
27.6	42.55	2.1	8.412	0.64
27.65	43.27	2.85	8.428	0.87
27.7	42.64	3.59	8.443	1.09
27.75	43.82	8.45	8.458	2.58
27.8	43.91	4.7	8.473	1.43
27.85	43.95	5.18	8.489	1.58
27.9	40.98	4.82	8.504	1.47
27.95	39.49	8.85	8.519	2.7
28	38.74	3.97	8.534	1.21
28.05	40.37	4.11	8.55	1.25
28.1	40.69	3.18	8.565	0.97
28.15	41.84	4.41	8.58	1.34
28.2	42.42	4.31	8.595	1.31
28.25	41.21	3.9	8.611	1.19
28.3	39.11	5.67	8.626	1.73
28.35	40.55	7.4	8.641	2.25
28.4	41.28	3.53	8.656	1.08
28.45	42.14	2	8.672	0.61
28.5	41.57	3.33	8.687	1.01
28.55	41.28	2.75	8.702	0.84
28.6	41.64	4.49	8.717	1.37
28.65	40.32	3.25	8.732	0.99
28.7	41.16	3.35	8.748	1.02
28.75	38.08	2.86	8.763	0.87
28.8	40.04	4.96	8.778	1.51
28.85	38.52	4.26	8.793	1.3
28.9	39.26	4.7	8.809	1.43
28.95	39.63	3.76	8.824	1.15
29	38.32	3.95	8.839	1.21
29.05	39.16	4.36	8.854	1.33
29.1	42.08	2.57	8.87	0.78
29.15	43.54	3.32	8.885	1.01
29.2	42.77	3.52	8.9	1.07
29.25	41.88	3.7	8.915	1.13
29.3	43.44	3.97	8.931	1.21
29.35	42.22	3.5	8.946	1.07
29.4	42.61	3.75	8.961	1.14
29.45	42.31	4.97	8.976	1.52
29.5	43.15	2.84	8.992	0.87
29.55	43.58	3.63	9.007	1.11

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
29.6	39.79	2.23	9.022	0.68
29.65	42.39	2.56	9.037	0.78
29.7	40.7	2.21	9.053	0.67
29.75	40.35	2.47	9.068	0.75
29.8	41.67	2.88	9.083	0.88
29.85	41.34	3.14	9.098	0.96
29.9	41.17	3.23	9.113	0.98
29.95	41.08	3.84	9.129	1.17
30	40.04	3.23	9.144	0.98
30.05	39.02	3.73	9.159	1.14
30.1	38.51	2.92	9.174	0.89
30.15	37.26	2.46	9.19	0.75
30.2	38.13	3.44	9.205	1.05
30.25	38.56	4.72	9.22	1.44
30.3	38.78	3.88	9.235	1.18
30.35	38.39	1.78	9.251	0.54
30.4	39.2	3.23	9.266	0.99
30.45	40.6	4.72	9.281	1.44
30.5	41.3	2.68	9.296	0.82
30.55	40.15	3.27	9.312	1
30.6	40.07	3.95	9.327	1.21
30.65	41.04	3.08	9.342	0.94
30.7	41.02	2.45	9.357	0.75
30.75	40.01	2.2	9.373	0.67
30.8	40.5	1.87	9.388	0.57
30.85	41.75	2.2	9.403	0.67
30.9	42.38	2.29	9.418	0.7
30.95	41.69	1.88	9.434	0.57
31	41.34	2.15	9.449	0.66
31.05	42.67	2.96	9.464	0.9
31.1	41.34	3.29	9.479	1
31.15	39.67	2.14	9.494	0.65
31.2	38.83	2.76	9.51	0.84
31.25	38.92	2	9.525	0.61
31.3	40.46	2.54	9.54	0.78
31.35	41.73	3.05	9.555	0.93
31.4	42.86	2.78	9.571	0.85
31.45	42.93	3.36	9.586	1.03
31.5	42.47	3.06	9.601	0.93
31.55	42.23	2.47	9.616	0.75
31.6	41.62	3.1	9.632	0.94
31.65	43.31	3.37	9.647	1.03
31.7	43.65	2.35	9.662	0.72
31.75	43.33	2.51	9.677	0.77
31.8	43.16	3.05	9.693	0.93
31.85	40.58	2.28	9.708	0.69
31.9	40.29	4.43	9.723	1.35
31.95	40.15	1.99	9.738	0.61
32	39.57	2.14	9.754	0.65
32.05	41.29	2.67	9.769	0.81
32.1	42.64	2.89	9.784	0.88
32.15	41.82	3.2	9.799	0.98
32.2	40.41	2.24	9.814	0.68
32.25	40.71	2.62	9.83	0.8
32.3	39.85	2.28	9.845	0.7
32.35	41.43	2.71	9.86	0.83
32.4	40.71	2.99	9.875	0.91
32.45	40.86	2.59	9.891	0.79
32.5	41.43	2.88	9.906	0.88
32.55	42.21	3.11	9.921	0.95
32.6	42.11	0.79	9.936	0.24

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32.65	41.55	3.1	9.952	0.95
32.7	41.78	6.08	9.967	1.85
32.75	41.39	6.98	9.982	2.13
32.8	41.19	4.36	9.997	1.33
32.85	42.1	2.78	10.013	0.85
32.9	42.55	3.97	10.028	1.21
32.95	41.27	4.48	10.043	1.37
33	41.64	3.48	10.058	1.06
33.05	40.32	3.69	10.074	1.13
33.1	40.16	5.73	10.089	1.75
33.15	39.08	9.4	10.104	2.87
33.2	39.54	3.88	10.119	1.18
33.25	38.77	4.91	10.135	1.5
33.3	38.88	2.62	10.15	0.8
33.35	38.94	2.52	10.165	0.77
33.4	38.97	4.67	10.18	1.42
33.45	38.99	1.48	10.195	0.45
33.5	39.49	1.77	10.211	0.54
33.55	39.75	2.08	10.226	0.63
33.6	39.87	3.61	10.241	1.1
33.65	39.94	2.99	10.256	0.91
33.7	40.97	2.18	10.272	0.66
33.75	39.98	2.89	10.287	0.88
33.8	40.49	5.82	10.302	1.78
33.85	40.75	3.52	10.317	1.07
33.9	43.87	3.65	10.333	1.11
33.95	44.94	3.15	10.348	0.96
34	43.97	5.87	10.363	1.79
34.05	42.98	4.32	10.378	1.32
34.1	42.49	3.6	10.394	1.1
34.15	43.75	4.15	10.409	1.27
34.2	44.37	2.92	10.424	0.89
34.25	43.69	2.77	10.439	0.84
34.3	42.84	5.86	10.455	1.79
34.35	44.92	3.1	10.47	0.95
34.4	42.46	2.25	10.485	0.69
34.45	40.73	3.44	10.5	1.05
34.5	40.87	3.06	10.516	0.93
34.55	40.93	2.69	10.531	0.82
34.6	41.97	7.82	10.546	2.38
34.65	42.48	2.7	10.561	0.82
34.7	42.74	1.94	10.576	0.59
34.75	42.37	2.36	10.592	0.72
34.8	42.69	2.5	10.607	0.76
34.85	43.34	2.77	10.622	0.84
34.9	45.67	3.46	10.637	1.06
34.95	44.34	3.49	10.653	1.06
35	43.67	2.34	10.668	0.71
35.05	42.83	2.64	10.683	0.8
35.1	41.42	2.51	10.698	0.77
35.15	41.21	2.49	10.714	0.76
35.2	40.6	2.59	10.729	0.79
35.25	40.8	2.9	10.744	0.88
35.3	39.9	3.09	10.759	0.94
35.35	38.95	2.27	10.775	0.69
35.4	38.48	2.41	10.79	0.73
35.45	39.24	4.38	10.805	1.33
35.5	39.62	2.72	10.82	0.83
35.55	38.81	4.8	10.836	1.46
35.6	37.4	3.53	10.851	1.08
35.65	36.7	4.5	10.866	1.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
35.7	36.35	2.64	10.881	0.8
35.75	37.18	1.7	10.897	0.52
35.8	37.09	1.69	10.912	0.51
35.85	39.04	3.05	10.927	0.93
35.9	40.52	3.31	10.942	1.01
35.95	39.26	1.89	10.957	0.58
36	39.13	2.48	10.973	0.76
36.05	38.07	2.04	10.988	0.62
36.1	38.53	2.59	11.003	0.79
36.15	38.27	3.05	11.018	0.93
36.2	36.63	1.96	11.034	0.6
36.25	38.32	2.24	11.049	0.68
36.3	36.66	2.83	11.064	0.86
36.35	37.33	2.17	11.079	0.66
36.4	35.66	3.02	11.095	0.92
36.45	35.33	2.29	11.11	0.7
36.5	35.17	2.61	11.125	0.79
36.55	34.08	2.09	11.14	0.64
36.6	35.04	2.23	11.156	0.68
36.65	34.52	2.27	11.171	0.69
36.7	33.76	2.7	11.186	0.82
36.75	33.38	2.31	11.201	0.7
36.8	33.19	3.31	11.217	1.01
36.85	32.6	1.88	11.232	0.57
36.9	33.3	2.22	11.247	0.68
36.95	33.65	2.2	11.262	0.67
37	33.32	1.9	11.278	0.58
37.05	33.66	1.94	11.293	0.59
37.1	34.33	2.33	11.308	0.71
37.15	34.17	2.05	11.323	0.63
37.2	33.08	2.06	11.338	0.63
37.25	32.04	2.21	11.354	0.67
37.3	32.52	1.77	11.369	0.54
37.35	32.76	1.78	11.384	0.54
37.4	30.88	1.77	11.399	0.54
37.45	29.94	1.95	11.415	0.59
37.5	29.97	1.73	11.43	0.53
37.55	28.99	2.15	11.445	0.65
37.6	29.49	2.06	11.46	0.63
37.65	31.75	1.12	11.476	0.34
37.7	31.87	2.62	11.491	0.8
37.75	31.44	3.76	11.506	1.15
37.8	31.22	2.48	11.521	0.76
37.85	31.11	3.56	11.537	1.08
37.9	31.05	2.98	11.552	0.91
37.95	31.03	3.8	11.567	1.16
38	30.51	3.9	11.582	1.19
38.05	30.26	5.08	11.598	1.55
38.1	30.13	3.3	11.613	1
38.15	30.06	6	11.628	1.83
38.2	30.53	2.87	11.643	0.87
38.25	30.77	5.08	11.659	1.55
38.3	30.38	2.74	11.674	0.83
38.35	29.69	3.43	11.689	1.05
38.4	29.85	4.69	11.704	1.43
38.45	29.92	3.74	11.719	1.14
38.5	29.46	2.19	11.735	0.67
38.55	29.23	3.7	11.75	1.13
38.6	29.62	4.79	11.765	1.46
38.65	29.31	2.4	11.78	0.73
38.7	28.65	1.54	11.796	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
38.75	28.83	1.06	11.811	0.32
38.8	28.91	1.82	11.826	0.55
38.85	28.96	2.33	11.841	0.71
38.9	28.48	2.47	11.857	0.75
38.95	28.24	2.23	11.872	0.68
39	28.12	3.47	11.887	1.06
39.05	27.06	2.93	11.902	0.89
39.1	26.03	2.75	11.918	0.84
39.15	26.01	2.48	11.933	0.75
39.2	25.51	5.4	11.948	1.64
39.25	26.25	3.16	11.963	0.96
39.3	25.63	2.93	11.979	0.89
39.35	24.81	2.11	11.994	0.64
39.4	23.41	3.6	12.009	1.1
39.45	25.2	3.12	12.024	0.95
39.5	25.6	1.84	12.04	0.56
39.55	25.3	2.44	12.055	0.74
39.6	26.15	3.66	12.07	1.11
39.65	26.08	3.7	12.085	1.13
39.7	26.54	2.59	12.1	0.79
39.75	26.27	1.85	12.116	0.56
39.8	26.63	2.5	12.131	0.76
39.85	25.32	3.22	12.146	0.98
39.9	24.66	3.35	12.161	1.02
39.95	26.33	1.84	12.177	0.56
40	24.66	0.87	12.192	0.26
40.05	24.83	1.77	12.207	0.54
40.1	24.92	1.96	12.222	0.6
40.15	24.46	1.86	12.238	0.57
40.2	24.73	2.13	12.253	0.65
40.25	25.36	2.53	12.268	0.77
40.3	24.68	1.89	12.283	0.58
40.35	24.34	1.79	12.299	0.55
40.4	23.17	1.69	12.314	0.51
40.45	23.59	2.82	12.329	0.86
40.5	24.29	1.91	12.344	0.58
40.55	24.65	2.09	12.36	0.64
40.6	24.32	1.84	12.375	0.56
40.65	24.66	3.61	12.39	1.1
40.7	24.83	1.92	12.405	0.59
40.75	25.92	2.19	12.42	0.67
40.8	26.46	2.35	12.436	0.71
40.85	25.73	2.86	12.451	0.87
40.9	25.86	2.55	12.466	0.78
40.95	25.43	2.27	12.481	0.69
41	25.22	2.05	12.497	0.62
41.05	25.11	2.75	12.512	0.84
41.1	25.05	2.76	12.527	0.84
41.15	25.03	3.31	12.542	1.01
41.2	25.01	1.92	12.558	0.58
41.25	25.01	1.54	12.573	0.47
41.3	25	1.92	12.588	0.59
41.35	25	2.13	12.603	0.65
41.4	26.5	2.9	12.619	0.88
41.45	26.25	2.25	12.634	0.69
41.5	26.13	3.35	12.649	1.02
41.55	25.56	3.45	12.664	1.05
41.6	25.78	2.15	12.68	0.66
41.65	26.39	2.56	12.695	0.78
41.7	26.2	2.31	12.71	0.7
41.75	25.1	2.61	12.725	0.79

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
41.8	26.05	2.32	12.741	0.71
41.85	27.02	2.28	12.756	0.69
41.9	27.01	2.12	12.771	0.65
41.95	28.01	2.3	12.786	0.7
42	28	2.26	12.801	0.69
42.05	28	1.96	12.817	0.6
42.1	28	2.17	12.832	0.66
42.15	28.5	1.84	12.847	0.56
42.2	28.25	2.86	12.862	0.87
42.25	27.13	1.73	12.878	0.53
42.3	27.56	1.68	12.893	0.51
42.35	28.28	1.95	12.908	0.59
42.4	28.14	1.52	12.923	0.46
42.45	28.07	1.68	12.939	0.51
42.5	26.54	1.82	12.954	0.55
42.55	27.77	2.26	12.969	0.69
42.6	28.38	1.71	12.984	0.52
42.65	28.69	3.71	13	1.13
42.7	28.85	7.12	13.015	2.17
42.75	28.92	3.35	13.03	1.02
42.8	28.96	3.18	13.045	0.97
42.85	28.98	3.72	13.061	1.13
42.9	29.49	3.66	13.076	1.12
42.95	29.25	2.68	13.091	0.82
43	29.12	2.43	13.106	0.74
43.05	29.06	3.32	13.122	1.01
43.1	28.53	1.69	13.137	0.51
43.15	29.77	2.04	13.152	0.62
43.2	29.88	1	13.167	0.31
43.25	31.44	1.74	13.182	0.53
43.3	31.72	1.06	13.198	0.32
43.35	31.36	4.8	13.213	1.46
43.4	31.18	2.09	13.228	0.64
43.45	31.59	2.6	13.243	0.79
43.5	32.8	2.48	13.259	0.76
43.55	33.4	4.09	13.274	1.25
43.6	34.2	2.44	13.289	0.74
43.65	35.1	2.04	13.304	0.62
43.7	35.55	2.27	13.32	0.69
43.75	35.77	4.31	13.335	1.31
43.8	36.39	3.33	13.35	1.02
43.85	37.19	4.31	13.365	1.31
43.9	36.6	2.52	13.381	0.77
43.95	37.3	2.88	13.396	0.88
44	37.15	2.56	13.411	0.78
44.05	37.07	3.78	13.426	1.15
44.1	37.04	3.03	13.442	0.92
44.15	37.02	2.45	13.457	0.75
44.2	36.51	3.8	13.472	1.16
44.25	36.25	3.22	13.487	0.98
44.3	36.13	2.93	13.503	0.89
44.35	37.06	4.93	13.518	1.5
44.4	36.53	2.57	13.533	0.78
44.45	35.27	2.11	13.548	0.64
44.5	35.63	3.94	13.563	1.2
44.55	35.82	0.94	13.579	0.29
44.6	35.41	2.68	13.594	0.82
44.65	35.2	2.22	13.609	0.68
44.7	34.1	2.59	13.624	0.79
44.75	33.55	3.04	13.64	0.93
44.8	33.28	3.59	13.655	1.09

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44.85	33.14	2.29	13.67	0.7
44.9	32.57	2.38	13.685	0.72
44.95	31.78	2.66	13.701	0.81
45	33.39	3.76	13.716	1.15
45.05	33.7	2.17	13.731	0.66
45.1	33.35	2.18	13.746	0.66
45.15	33.17	2.13	13.762	0.65
45.2	32.59	3.23	13.777	0.99
45.25	33.29	2.7	13.792	0.82
45.3	34.15	2.09	13.807	0.64
45.35	35.57	3.4	13.823	1.04
45.4	35.29	2.75	13.838	0.84
45.45	34.64	4.58	13.853	1.4
45.5	37.32	3.05	13.868	0.93
45.55	36.66	3.9	13.884	1.19
45.6	38.33	4.76	13.899	1.45
45.65	36.17	2.2	13.914	0.67
45.7	35.58	2.15	13.929	0.65
45.75	35.79	2.6	13.944	0.79
45.8	36.4	1.76	13.96	0.54
45.85	36.2	2.58	13.975	0.79
45.9	35.6	2.17	13.99	0.66
45.95	35.8	2.33	14.005	0.71
46	35.4	2.38	14.021	0.73
46.05	35.7	3.05	14.036	0.93
46.1	36.35	2.9	14.051	0.88
46.15	36.17	3.31	14.066	1.01
46.2	35.09	2.79	14.082	0.85
46.25	35.04	2.75	14.097	0.84
46.3	35.02	2.11	14.112	0.64
46.35	34.51	3.03	14.127	0.92
46.4	34.26	2.49	14.143	0.76
46.45	33.63	3.21	14.158	0.98
46.5	32.81	2.12	14.173	0.65
46.55	33.41	2.98	14.188	0.91
46.6	34.7	1.81	14.204	0.55
46.65	33.85	2.41	14.219	0.73
46.7	32.93	1.84	14.234	0.56
46.75	32.96	2.33	14.249	0.71
46.8	32.98	2.37	14.265	0.72
46.85	32.99	1.87	14.28	0.57
46.9	33	3.03	14.295	0.92
46.95	34	2.34	14.31	0.71
47	34.5	1.72	14.325	0.52
47.05	34.75	1.66	14.341	0.51
47.1	34.87	2.06	14.356	0.63
47.15	33.94	2.1	14.371	0.64
47.2	33.47	2.18	14.386	0.67
47.25	33.73	2.79	14.402	0.85
47.3	32.87	1.8	14.417	0.55
47.35	33.93	2.17	14.432	0.66
47.4	32.97	2.5	14.447	0.76
47.45	32.98	2.38	14.463	0.73
47.5	34.49	2.05	14.478	0.62
47.55	34.75	1.74	14.493	0.53
47.6	34.87	1.93	14.508	0.59
47.65	34.44	1.12	14.524	0.34
47.7	34.72	5.68	14.539	1.73
47.75	35.86	3.59	14.554	1.09
47.8	35.43	2.23	14.569	0.68
47.85	35.21	3.05	14.585	0.93

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47.9	35.61	5.24	14.6	1.6
47.95	36.3	3.86	14.615	1.18
48	35.65	2.39	14.63	0.73
48.05	35.83	2.47	14.646	0.75
48.1	35.91	1.78	14.661	0.54
48.15	36.46	1.96	14.676	0.6
48.2	37.23	1.14	14.691	0.35
48.25	36.61	1.92	14.706	0.59
48.3	37.31	0.93	14.722	0.28
48.35	37.15	1.62	14.737	0.49
48.4	37.58	2.22	14.752	0.68
48.45	37.29	1.75	14.767	0.53
48.5	37.14	2.16	14.783	0.66
48.55	37.57	2.84	14.798	0.87
48.6	37.29	1.83	14.813	0.56
48.65	36.14	1.58	14.828	0.48
48.7	36.07	2.19	14.844	0.67
48.75	36.04	4.03	14.859	1.23
48.8	36.02	2.97	14.874	0.91
48.85	36.01	3.5	14.889	1.07
48.9	35.5	2.64	14.905	0.8
48.95	35.75	4.51	14.92	1.37
49	34.38	3.21	14.935	0.98
49.05	34.19	3.28	14.95	1
49.1	34.59	2.37	14.966	0.72
49.15	33.8	4.04	14.981	1.23
49.2	32.9	4.15	14.996	1.26
49.25	32.95	3.35	15.011	1.02
49.3	32.47	2.4	15.026	0.73
49.35	32.74	1.86	15.042	0.57
49.4	32.87	2.26	15.057	0.69
49.45	32.93	2.23	15.072	0.68
49.5	32.47	1.65	15.087	0.5
49.55	31.73	1.62	15.103	0.49
49.6	30.87	1.75	15.118	0.53
49.65	30.93	1.8	15.133	0.55
49.7	30.47	2.51	15.148	0.77
49.75	30.73	2.21	15.164	0.67
49.8	30.37	3.28	15.179	1
49.85	30.18	2.47	15.194	0.75
49.9	29.59	2.24	15.209	0.68
49.95	29.3	2.77	15.225	0.84
50	28.15	4.96	15.24	1.51
50.05	28.07	2.3	15.255	0.7
50.1	27.54	3.06	15.27	0.93
50.15	27.27	2.79	15.286	0.85
50.2	26.63	3.16	15.301	0.96
50.25	27.32	3.01	15.316	0.92
50.3	26.66	2.29	15.331	0.7
50.35	26.33	2.49	15.347	0.76
50.4	26.66	4.41	15.362	1.35
50.45	27.83	1.93	15.377	0.59
50.5	27.42	4.69	15.392	1.43
50.55	27.71	3.38	15.407	1.03
50.6	27.85	2.91	15.423	0.89
50.65	27.93	2.08	15.438	0.63
50.7	26.96	3.82	15.453	1.17
50.75	26.48	3	15.468	0.91
50.8	25.24	1.52	15.484	0.46
50.85	25.12	1.82	15.499	0.56
50.9	26.06	2.55	15.514	0.78

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
50.95	26.53	2.4	15.529	0.73
51	25.27	2.9	15.545	0.88
51.05	25.13	2.48	15.56	0.76
51.1	25.07	2.33	15.575	0.71
51.15	26.03	1.89	15.59	0.58
51.2	25.02	2.02	15.606	0.62
51.25	25.51	2.93	15.621	0.89
51.3	25.75	2.17	15.636	0.66
51.35	24.88	2.26	15.651	0.69
51.4	24.44	3.01	15.667	0.92
51.45	23.22	2.32	15.682	0.71
51.5	23.11	2.94	15.697	0.9
51.55	22.55	2.2	15.712	0.67
51.6	22.78	2.6	15.728	0.79
51.65	23.89	2.12	15.743	0.65
51.7	23.94	2.14	15.758	0.65
51.75	22.97	1.98	15.773	0.6
51.8	22.99	2.67	15.788	0.81
51.85	24.49	1.85	15.804	0.56
51.9	24.75	2.31	15.819	0.7
51.95	26.37	1.67	15.834	0.51
52	27.19	1.51	15.849	0.46
52.05	27.59	1.5	15.865	0.46
52.1	28.8	1.61	15.88	0.49
52.15	29.4	1.8	15.895	0.55
52.2	30.7	1.94	15.91	0.59
52.25	31.35	1.97	15.926	0.6
52.3	31.67	2.23	15.941	0.68
52.35	33.34	2.05	15.956	0.63
52.4	36.67	1.39	15.971	0.42
52.45	35.33	1.71	15.987	0.52
52.5	37.17	2	16.002	0.61
52.55	36.08	1.51	16.017	0.46
52.6	34.04	4.92	16.032	1.5
52.65	35.02	2.7	16.048	0.82
52.7	35.51	4.61	16.063	1.41
52.75	35.76	3.13	16.078	0.95
52.8	32.88	2.4	16.093	0.73
52.85	30.94	2.66	16.109	0.81
52.9	29.47	1.87	16.124	0.57
52.95	29.73	3.52	16.139	1.07
53	29.37	4.07	16.154	1.24
53.05	28.18	2.03	16.169	0.62
53.1	26.59	4.8	16.185	1.46
53.15	26.8	3.73	16.2	1.14
53.2	26.9	2.59	16.215	0.79
53.25	24.95	1.55	16.23	0.47
53.3	26.97	4.48	16.246	1.37
53.35	26.49	2.27	16.261	0.69
53.4	25.74	1.28	16.276	0.39
53.45	24.87	1.77	16.291	0.54
53.5	24.44	2.09	16.307	0.64
53.55	25.22	2.59	16.322	0.79
53.6	25.61	2.56	16.337	0.78
53.65	24.8	1.77	16.352	0.54
53.7	24.4	2.93	16.368	0.89
53.75	24.2	3.78	16.383	1.15
53.8	23.1	2.56	16.398	0.78
53.85	22.05	5.07	16.413	1.55
53.9	21.03	3.2	16.429	0.98
53.95	19.01	4.88	16.444	1.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
54	17.51	3.73	16.459	1.14
54.05	15.75	3.98	16.474	1.21
54.1	14.38	2.42	16.49	0.74
54.15	13.19	3.13	16.505	0.95
54.2	12.59	1.98	16.52	0.6
54.25	11.3	4.72	16.535	1.44
54.3	11.15	2.38	16.55	0.72
54.35	10.57	3.96	16.566	1.21
54.4	10.79	2.02	16.581	0.62
54.45	10.39	1.82	16.596	0.56
54.5	11.7	1.91	16.611	0.58
54.55	11.35	2.71	16.627	0.83
54.6	12.17	2.52	16.642	0.77
54.65	11.59	1.15	16.657	0.35
54.7	11.79	2.18	16.672	0.66
54.75	13.4	1.61	16.688	0.49
54.8	12.7	2.2	16.703	0.67
54.85	12.85	2.13	16.718	0.65
54.9	13.92	2.93	16.733	0.89
54.95	14.46	2.56	16.749	0.78
55	15.23	2.99	16.764	0.91
55.05	16.12	1.99	16.779	0.61
55.1	16.56	2.59	16.794	0.79
55.15	15.78	2.89	16.81	0.88
55.2	15.39	2.03	16.825	0.62
55.25	15.19	1.88	16.84	0.57
55.3	14.1	2.07	16.855	0.63
55.35	14.55	1.72	16.871	0.52
55.4	14.27	2.72	16.886	0.83
55.45	13.64	2.37	16.901	0.72
55.5	14.82	1.89	16.916	0.58
55.55	15.41	1.5	16.931	0.46
55.6	16.2	3.21	16.947	0.98
55.65	16.1	1.99	16.962	0.61
55.7	18.55	1.74	16.977	0.53
55.75	17.78	1.33	16.992	0.41
55.8	15.89	2.73	17.008	0.83
55.85	14.44	2.14	17.023	0.65
55.9	13.22	1.19	17.038	0.36
55.95	12.11	1.36	17.053	0.41
56	11.06	1.78	17.069	0.54
56.05	11.03	1.56	17.084	0.48
56.1	10.51	1.62	17.099	0.49
56.15	10.76	1.74	17.114	0.53
56.2	9.88	2.61	17.13	0.79
56.25	8.94	2.05	17.145	0.63
56.3	8.97	1.82	17.16	0.56
56.35	9.98	1.98	17.175	0.6
56.4	10.49	2	17.191	0.61
56.45	10.25	1.78	17.206	0.54
56.5	10.12	2.3	17.221	0.7
56.55	9.56	2	17.236	0.61
56.6	10.78	1.56	17.252	0.47
56.65	10.89	1.6	17.267	0.49
56.7	10.95	1.38	17.282	0.42
56.75	11.97	1.36	17.297	0.41
56.8	11.49	1.71	17.312	0.52
56.85	10.74	2.56	17.328	0.78
56.9	12.37	1.5	17.343	0.46
56.95	13.19	1.56	17.358	0.48
57	12.09	2.1	17.373	0.64

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
57.05	12.55	1.3	17.389	0.39
57.1	12.77	1.86	17.404	0.57
57.15	12.89	1.31	17.419	0.4
57.2	14.44	1.73	17.434	0.53
57.25	14.22	1.77	17.45	0.54
57.3	14.61	1.6	17.465	0.49
57.35	17.31	1.66	17.48	0.5
57.4	19.15	1.29	17.495	0.39
57.45	20.08	1.61	17.511	0.49
57.5	22.04	1.37	17.526	0.42
57.55	26.52	1.69	17.541	0.52
57.6	30.26	1.74	17.556	0.53
57.65	32.63	3.04	17.572	0.93
57.7	33.31	3.91	17.587	1.19
57.75	33.16	3.52	17.602	1.07
57.8	33.08	2.47	17.617	0.75
57.85	33.54	2.81	17.632	0.86
57.9	32.77	7.31	17.648	2.23
57.95	31.88	4.56	17.663	1.39
58	31.44	3.8	17.678	1.16
58.05	30.22	2.5	17.693	0.76
58.1	30.11	4.4	17.709	1.34
58.15	30.56	4.99	17.724	1.52
58.2	29.78	2.85	17.739	0.87
58.25	28.89	1.72	17.754	0.52
58.3	27.44	1.64	17.77	0.5
58.35	27.22	2.06	17.785	0.63
58.4	27.61	2.35	17.8	0.72
58.45	28.31	1.47	17.815	0.45
58.5	29.65	0.64	17.831	0.19
58.55	28.33	2.02	17.846	0.61
58.6	26.16	1.66	17.861	0.51
58.65	25.58	1.84	17.876	0.56
58.7	26.29	2.08	17.892	0.63
58.75	26.65	4.52	17.907	1.38
58.8	25.32	1.8	17.922	0.55
58.85	25.16	2.74	17.937	0.83
58.9	25.58	2.31	17.953	0.71
58.95	25.29	5.05	17.968	1.54
59	25.15	2.18	17.983	0.66
59.05	25.57	3.21	17.998	0.98
59.1	24.79	3.46	18.013	1.05
59.15	24.89	2.14	18.029	0.65
59.2	24.95	3.54	18.044	1.08
59.25	24.97	5.73	18.059	1.75
59.3	24.99	3.34	18.074	1.02
59.35	24.49	3.26	18.09	0.99
59.4	23.75	2.57	18.105	0.78
59.45	23.37	2.17	18.12	0.66
59.5	22.69	1.35	18.135	0.41
59.55	21.84	5.74	18.151	1.75
59.6	20.42	2.27	18.166	0.69
59.65	19.71	2.07	18.181	0.63
59.7	18.86	1.44	18.196	0.44
59.75	18.43	0.71	18.212	0.22
59.8	17.71	1.47	18.227	0.45
59.85	17.86	1.57	18.242	0.48
59.9	17.43	2.01	18.257	0.61
59.95	16.71	1.87	18.273	0.57
60	16.36	3.33	18.288	1.01
60.05	16.18	1.55	18.303	0.47

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
60.1	16.09	1.47	18.318	0.45
60.15	16.04	1.51	18.334	0.46
60.2	15.02	2.31	18.349	0.7
60.25	14.01	1.81	18.364	0.55
60.3	13.01	1.5	18.379	0.46
60.35	12.5	1.86	18.394	0.57
60.4	10.75	3.8	18.41	1.16
60.45	9.38	2.58	18.425	0.79
60.5	8.19	2.84	18.44	0.87
60.55	7.59	2.17	18.455	0.66
60.6	7.8	4.08	18.471	1.24
60.65	7.4	1.94	18.486	0.59
60.7	7.2	2.96	18.501	0.9
60.75	7.1	2.36	18.516	0.72
60.8	7.55	2.07	18.532	0.63
60.85	7.77	1.32	18.547	0.4
60.9	7.89	1.86	18.562	0.57
60.95	7.94	1.53	18.577	0.47
61	8.47	0.85	18.593	0.26
61.05	9.24	1.65	18.608	0.5
61.1	9.62	1.94	18.623	0.59
61.15	9.81	1.78	18.638	0.54
61.2	9.9	1.87	18.654	0.57
61.25	9.95	2.07	18.669	0.63
61.3	9.98	1.59	18.684	0.49
61.35	9.99	1.59	18.699	0.49
61.4	9.49	1.92	18.715	0.59
61.45	9.25	1.75	18.73	0.53
61.5	9.62	2.1	18.745	0.64
61.55	9.81	2.13	18.76	0.65
61.6	10.41	2.02	18.775	0.62
61.65	10.7	1.73	18.791	0.53
61.7	11.35	1.86	18.806	0.57
61.75	13.18	1.81	18.821	0.55
61.8	15.09	2.31	18.836	0.7
61.85	14.54	2.11	18.852	0.64
61.9	14.77	2.22	18.867	0.68
61.95	18.39	2.31	18.882	0.7
62	23.69	1.53	18.897	0.47
62.05	26.35	2.97	18.913	0.9
62.1	27.67	2.02	18.928	0.62
62.15	28.84	1.76	18.943	0.54
62.2	28.92	1.77	18.958	0.54
62.25	28.96	1.32	18.974	0.4
62.3	28.48	1.68	18.989	0.51
62.35	25.74	1.48	19.004	0.45
62.4	24.87	2	19.019	0.61
62.45	23.93	1.69	19.035	0.51
62.5	22.47	1.87	19.05	0.57
62.55	23.73	1.48	19.065	0.45
62.6	24.37	1.67	19.08	0.51
62.65	22.68	3.28	19.096	1
62.7	21.84	5.55	19.111	1.69
62.75	20.92	2.71	19.126	0.83
62.8	20.96	2.04	19.141	0.62
62.85	21.98	3.36	19.156	1.02
62.9	21.99	5.53	19.172	1.69
62.95	21.5	3.14	19.187	0.96
63	21.25	3.17	19.202	0.97
63.05	21.62	3.01	19.217	0.92
63.1	21.81	5.38	19.233	1.64

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63.15	21.91	2.84	19.248	0.87
63.2	20.95	2.01	19.263	0.61
63.25	20.48	4.07	19.278	1.24
63.3	20.24	2.7	19.294	0.82
63.35	19.62	2.02	19.309	0.62
63.4	18.81	0.91	19.324	0.28
63.45	17.9	1.6	19.339	0.49
63.5	16.45	0.65	19.355	0.2
63.55	15.23	2.02	19.37	0.61
63.6	14.61	2.03	19.385	0.62
63.65	13.81	2.02	19.4	0.62
63.7	12.4	1.8	19.416	0.55
63.75	12.2	4.6	19.431	1.4
63.8	12.6	2.22	19.446	0.68
63.85	12.8	2.19	19.461	0.67
63.9	13.4	2.43	19.477	0.74
63.95	13.2	4.51	19.492	1.37
64	13.6	2.46	19.507	0.75
64.05	14.3	2.67	19.522	0.81
64.1	15.15	3.06	19.537	0.93
64.15	15.08	3.27	19.553	1
64.2	16.04	3.31	19.568	1.01
64.25	17.02	2.4	19.583	0.73
64.3	18.01	2.12	19.598	0.65
64.35	19	4.22	19.614	1.29
64.4	20.5	3.7	19.629	1.13
64.45	21.25	1.45	19.644	0.44
64.5	22.13	3.87	19.659	1.18
64.55	23.56	3.67	19.675	1.12
64.6	23.78	3.94	19.69	1.2
64.65	24.39	1.95	19.705	0.59
64.7	25.7	1.43	19.72	0.43
64.75	26.85	1.05	19.736	0.32
64.8	27.42	1.5	19.751	0.46
64.85	27.21	2.01	19.766	0.61
64.9	26.11	2.55	19.781	0.78
64.95	26.55	2.08	19.797	0.63
65	26.28	2.38	19.812	0.72
65.05	26.14	1.97	19.827	0.6
65.1	26.07	2.45	19.842	0.75
65.15	26.03	1.89	19.858	0.58
65.2	25.52	3.75	19.873	1.14
65.25	25.76	2.35	19.888	0.72
65.3	24.38	1.97	19.903	0.6
65.35	23.19	1.8	19.918	0.55
65.4	21.59	2.18	19.934	0.67
65.45	19.3	2.38	19.949	0.72
65.5	17.65	1.45	19.964	0.44
65.55	16.82	1.46	19.979	0.44
65.6	15.91	1.87	19.995	0.57
65.65	14.96	1.29	20.01	0.39
65.7	14.48	1.79	20.025	0.55
65.75	14.24	2.12	20.04	0.65
65.8	14.62	1.24	20.056	0.38
65.85	14.31	1.05	20.071	0.32
65.9	14.15	1.53	20.086	0.47
65.95	14.08	1.18	20.101	0.36
66	14.04	0.64	20.117	0.19
66.05	14.02	1.4	20.132	0.43
66.1	14.01	0.9	20.147	0.27
66.15	13	1.17	20.162	0.36

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
66.2	12	1.43	20.178	0.44
66.25	11	0.93	20.193	0.28
66.3	10.5	0.81	20.208	0.25
66.35	10.25	0.78	20.223	0.24
66.4	9.13	0.82	20.239	0.25
66.45	8.56	0.86	20.254	0.26
66.5	7.78	0.7	20.269	0.21
66.55	7.39	0.89	20.284	0.27
66.6	6.7	0.86	20.3	0.26
66.65	5.85	0.81	20.315	0.25
66.7	5.42	0.81	20.33	0.25
66.75	5.21	0.89	20.345	0.27
66.8	5.11	1.1	20.36	0.34
66.85	4.55	0.88	20.376	0.27
66.9	4.28	0.7	20.391	0.21
66.95	4.64	0.65	20.406	0.2
67	4.32	0.65	20.421	0.2
67.05	4.16	0.82	20.437	0.25
67.1	4.08	0.61	20.452	0.19
67.15	4.04	0.62	20.467	0.19
67.2	4.02	0.84	20.482	0.26
67.25	3.51	0.47	20.498	0.14
67.3	3.25	0.45	20.513	0.14
67.35	3.63	0.56	20.528	0.17
67.4	3.81	0.6	20.543	0.18
67.45	3.91	0.59	20.559	0.18
67.5	3.95	0.51	20.574	0.16
67.55	3.98	0.55	20.589	0.17
67.6	4.49	2.34	20.604	0.71
67.65	4.24	0.57	20.62	0.17
67.7	4.12	1.95	20.635	0.59
67.75	4.06	0.46	20.65	0.14
67.8	4.53	0.42	20.665	0.13
67.85	4.77	0.7	20.681	0.21
67.9	5.38	4.33	20.696	1.32
67.95	5.19	0.71	20.711	0.22
68	5.6	2.82	20.726	0.86
68.05	5.8	0.93	20.742	0.28
68.1	5.9	1.93	20.757	0.59
68.15	5.95	1.43	20.772	0.43
68.2	5.97	1.05	20.787	0.32
68.25	5.99	1.4	20.802	0.43
68.3	5.99	4.28	20.818	1.31
68.35	5.5	2.18	20.833	0.67
68.4	5.75	2.42	20.848	0.74
68.45	5.87	2.32	20.863	0.71
68.5	5.44	1.88	20.879	0.57
68.55	5.22	2.13	20.894	0.65
68.6	5.11	0.51	20.909	0.15
68.65	5.05	0.52	20.924	0.16
68.7	5.03	0.42	20.94	0.13
68.75	5.51	0.4	20.955	0.12
68.8	5.76	0.54	20.97	0.16
68.85	5.88	0.52	20.985	0.16
68.9	5.94	0.49	21.001	0.15
68.95	4.97	1.78	21.016	0.54
69	4.98	0.82	21.031	0.25
69.05	4.49	0.62	21.046	0.19
69.1	5.25	0.47	21.062	0.14
69.15	4.12	1.88	21.077	0.57
69.2	5.56	0.58	21.092	0.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
69.25	5.28	1.08	21.107	0.33
69.3	5.14	0.74	21.123	0.23
69.35	5.57	3.06	21.138	0.93
69.4	5.79	1.29	21.153	0.39
69.45	5.39	0.99	21.168	0.3
69.5	5.2	0.82	21.183	0.25
69.55	5.1	2.67	21.199	0.81
69.6	5.05	0.85	21.214	0.26
69.65	5.02	1.62	21.229	0.49
69.7	5.01	1.82	21.244	0.56
69.75	5.51	1.46	21.26	0.44
69.8	5.75	0.9	21.275	0.27
69.85	6.38	1.17	21.29	0.36
69.9	6.19	1.23	21.305	0.37
69.95	6.09	0.41	21.321	0.13
70	6.05	0.47	21.336	0.14
70.05	5.52	0.59	21.351	0.18
70.1	5.76	0.61	21.366	0.19
70.15	5.38	0.91	21.382	0.28
70.2	5.69	0.59	21.397	0.18
70.25	5.35	0.57	21.412	0.17
70.3	4.67	0.58	21.427	0.18
70.35	4.34	0.53	21.443	0.16
70.4	4.17	0.97	21.458	0.3
70.45	4.08	1.15	21.473	0.35
70.5	4.04	0.8	21.488	0.24
70.55	4.02	1.04	21.504	0.32
70.6	4.01	1.26	21.519	0.38
70.65	4.01	1.23	21.534	0.37
70.7	4.5	0.88	21.549	0.27
70.75	4.25	0.6	21.565	0.18
70.8	4.63	1.17	21.58	0.36
70.85	4.31	0.75	21.595	0.23
70.9	4.16	0.83	21.61	0.25
70.95	3.58	0.79	21.625	0.24
71	3.79	1.55	21.641	0.47
71.05	3.39	1	21.656	0.3
71.1	3.2	0.63	21.671	0.19
71.15	3.1	0.85	21.686	0.26
71.2	3.05	0.44	21.702	0.13
71.25	3.02	0.64	21.717	0.19
71.3	3.01	0.63	21.732	0.19
71.35	3.01	0.71	21.747	0.22
71.4	3.5	1.11	21.763	0.34
71.45	4.25	0.8	21.778	0.24
71.5	5.63	0.76	21.793	0.23
71.55	6.31	0.79	21.808	0.24
71.6	6.66	0.8	21.824	0.24
71.65	6.33	0.8	21.839	0.24
71.7	6.16	0.8	21.854	0.25
71.75	5.58	1.08	21.869	0.33
71.8	4.79	1.23	21.885	0.38
71.85	3.9	1.73	21.9	0.53
71.9	3.45	1.26	21.915	0.38
71.95	3.22	1.03	21.93	0.32
72	3.11	1.14	21.946	0.35
72.05	3.06	1.16	21.961	0.35
72.1	3.53	1.67	21.976	0.51
72.15	3.76	0.88	21.991	0.27
72.2	3.88	1	22.007	0.3
72.25	3.94	1.01	22.022	0.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
72.3	3.47	0.97	22.037	0.29
72.35	3.24	1.4	22.052	0.43
72.4	3.12	1.04	22.067	0.32
72.45	3.06	0.62	22.083	0.19
72.5	3.03	0.78	22.098	0.24
72.55	3.01	0.79	22.113	0.24
72.6	2.51	1.68	22.128	0.51
72.65	2.25	1.15	22.144	0.35
72.7	2.13	1.78	22.159	0.54
72.75	2.06	1	22.174	0.3
72.8	2.53	0.63	22.189	0.19
72.85	2.77	0.92	22.205	0.28
72.9	2.88	3.77	22.22	1.15
72.95	2.44	1.28	22.235	0.39
73	3.22	2.43	22.25	0.74
73.05	3.11	1.55	22.266	0.47
73.1	3.06	3.08	22.281	0.94
73.15	3.03	1.96	22.296	0.6
73.2	3.01	2.43	22.311	0.74
73.25	4.01	1.85	22.327	0.56
73.3	4.5	2.37	22.342	0.72
73.35	4.75	2.42	22.357	0.74
73.4	4.88	1.55	22.372	0.47
73.45	4.94	2.14	22.388	0.65
73.5	5.47	2.66	22.403	0.81
73.55	5.23	2	22.418	0.61
73.6	5.12	1.23	22.433	0.37
73.65	5.56	0.78	22.448	0.24
73.7	4.78	1.29	22.464	0.39
73.75	4.89	0.83	22.479	0.25
73.8	4.94	0.69	22.494	0.21
73.85	4.47	0.99	22.509	0.3
73.9	3.74	1.24	22.525	0.38
73.95	3.37	3.11	22.54	0.95
74	3.18	1.72	22.555	0.52
74.05	3.09	1.87	22.57	0.57
74.1	3.05	1.29	22.586	0.39
74.15	3.02	3.51	22.601	1.07
74.2	3.01	1.78	22.616	0.54
74.25	3.01	2.47	22.631	0.75
74.3	3	1.74	22.647	0.53
74.35	3	2.84	22.662	0.87
74.4	3	2.09	22.677	0.64
74.45	2.5	1.83	22.692	0.56
74.5	2.75	1.81	22.708	0.55
74.55	2.38	3.73	22.723	1.14
74.6	2.19	1.48	22.738	0.45
74.65	2.59	1.86	22.753	0.57
74.7	2.8	2.46	22.769	0.75
74.75	2.9	1	22.784	0.3
74.8	2.45	0.84	22.799	0.26
74.85	3.22	1.66	22.814	0.5
74.9	3.11	1.07	22.83	0.33
74.95	2.56	1.43	22.845	0.44
75	2.78	0.85	22.86	0.26
75.05	2.89	0.43	22.875	0.13
75.1	2.94	0.8	22.89	0.24
75.15	2.47	0.61	22.906	0.19
75.2	2.74	1.04	22.921	0.32
75.25	2.87	0.91	22.936	0.28
75.3	2.93	0.73	22.951	0.22

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
75.35	2.97	1.23	22.967	0.37
75.4	3.98	1	22.982	0.31
75.45	4.49	0.68	22.997	0.21
75.5	4.25	0.81	23.012	0.25
75.55	4.12	0.66	23.028	0.2
75.6	4.06	1.24	23.043	0.38
75.65	4.53	0.73	23.058	0.22
75.7	3.77	0.87	23.073	0.27
75.75	3.88	1.42	23.089	0.43
75.8	3.94	1.59	23.104	0.48
75.85	3.47	1.04	23.119	0.32
75.9	3.24	1.87	23.134	0.57
75.95	3.12	0.55	23.15	0.17
76	3.06	1.37	23.165	0.42
76.05	3.03	1.25	23.18	0.38
76.1	2.51	0.64	23.195	0.2
76.15	2.26	0.64	23.211	0.2
76.2	2.13	0.46	23.226	0.14
76.25	2.56	0.41	23.241	0.13
76.3	2.78	0.42	23.256	0.13
76.35	2.39	0.48	23.271	0.15
76.4	2.7	0.44	23.287	0.13
76.45	2.35	0.87	23.302	0.26
76.5	2.67	0.53	23.317	0.16
76.55	2.84	0.77	23.332	0.24
76.6	2.92	0.82	23.348	0.25
76.65	2.96	0.46	23.363	0.14
76.7	2.98	0.46	23.378	0.14
76.75	2.99	0.46	23.393	0.14
76.8	2.49	0.52	23.409	0.16
76.85	2.75	0.54	23.424	0.16
76.9	2.87	0.86	23.439	0.26
76.95	3.44	0.56	23.454	0.17
77	3.72	0.56	23.47	0.17
77.05	3.36	1.22	23.485	0.37
77.1	3.68	0.59	23.5	0.18
77.15	3.84	0.57	23.515	0.17
77.2	4.42	0.54	23.531	0.17
77.25	4.21	0.69	23.546	0.21
77.3	4.6	0.55	23.561	0.17
77.35	4.8	0.61	23.576	0.19
77.4	4.9	0.62	23.592	0.19
77.45	4.95	0.51	23.607	0.15
77.5	4.98	1.3	23.622	0.4
77.55	4.99	0.49	23.637	0.15
77.6	4.99	1.6	23.653	0.49
77.65	4.5	0.35	23.668	0.11
77.7	2.75	2.16	23.683	0.66
77.75	2.37	0.56	23.698	0.17
77.8	2.69	0.98	23.713	0.3
77.85	2.34	0.93	23.729	0.28
77.9	2.17	2.88	23.744	0.88
77.95	2.59	0.75	23.759	0.23
78	2.79	1.19	23.774	0.36
78.05	3.4	0.93	23.79	0.28
78.1	3.2	5.51	23.805	1.68
78.15	4.1	1.79	23.82	0.55
78.2	3.55	2.81	23.835	0.86
78.25	3.77	2.02	23.851	0.61
78.3	2.89	3.94	23.866	1.2
78.35	2.94	3.19	23.881	0.97

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
78.4	3.47	1.71	23.896	0.52
78.45	3.24	1.66	23.912	0.51
78.5	3.12	2.85	23.927	0.87
78.55	4.56	2.69	23.942	0.82
78.6	3.28	0.78	23.957	0.24
78.65	4.14	0.59	23.973	0.18
78.7	3.57	1.53	23.988	0.47
78.75	3.78	0.65	24.003	0.2
78.8	3.39	1.8	24.018	0.55
78.85	3.7	0.43	24.034	0.13
78.9	4.85	0.36	24.049	0.11
78.95	4.42	1.21	24.064	0.37
79	3.71	0.76	24.079	0.23
79.05	4.86	0.78	24.095	0.24
79.1	4.43	0.98	24.11	0.3
79.15	4.71	2.95	24.125	0.9
79.2	4.36	0.93	24.14	0.28
79.25	3.68	1.03	24.155	0.31
79.3	4.34	0.66	24.171	0.2
79.35	3.67	4.02	24.186	1.23
79.4	4.33	1.23	24.201	0.38
79.45	5.17	1.07	24.216	0.33
79.5	4.58	1.17	24.232	0.36
79.55	4.79	3.77	24.247	1.15
79.6	4.9	1.25	24.262	0.38
79.65	4.95	1.87	24.277	0.57
79.7	5.47	1.55	24.293	0.47
79.75	4.74	1.74	24.308	0.53
79.8	4.37	1.58	24.323	0.48
79.85	4.68	2.71	24.338	0.82
79.9	4.34	1.64	24.354	0.5
79.95	5.17	1.9	24.369	0.58
80	4.59	1.39	24.384	0.42
80.05	4.79	1.21	24.399	0.37
80.1	4.4	0.67	24.415	0.2
80.15	4.2	0.77	24.43	0.23
80.2	4.6	0.78	24.445	0.24
80.25	4.3	0.79	24.46	0.24
80.3	4.15	1.01	24.476	0.31
80.35	4.07	1.14	24.491	0.35
80.4	4.04	0.85	24.506	0.26
80.45	3.52	0.89	24.521	0.27
80.5	4.26	0.95	24.536	0.29
80.55	5.13	0.76	24.552	0.23
80.6	5.56	1.69	24.567	0.51
80.65	4.78	0.85	24.582	0.26
80.7	4.39	1.44	24.597	0.44
80.75	4.2	0.97	24.613	0.29
80.8	4.6	2.46	24.628	0.75
80.85	4.3	0.88	24.643	0.27
80.9	4.15	1.02	24.658	0.31
80.95	4.07	1.11	24.674	0.34
81	4.04	3.54	24.689	1.08
81.05	4.02	0.88	24.704	0.27
81.1	4.51	1.31	24.719	0.4
81.15	4.25	0.89	24.735	0.27
81.2	4.13	1.46	24.75	0.45
81.25	4.06	1.08	24.765	0.33
81.3	4.03	0.62	24.78	0.19
81.35	4.02	0.69	24.796	0.21
81.4	4.01	0.48	24.811	0.15

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
81.45	4	0.54	24.826	0.16
81.5	4	0.8	24.841	0.24
81.55	4	0.65	24.857	0.2
81.6	4	0.89	24.872	0.27
81.65	4	0.85	24.887	0.26
81.7	4.5	0.91	24.902	0.28
81.75	4.75	0.57	24.918	0.17
81.8	4.38	0.53	24.933	0.16
81.85	4.19	0.61	24.948	0.18
81.9	4.59	0.73	24.963	0.22
81.95	4.8	0.95	24.978	0.29
82	4.4	0.63	24.994	0.19
82.05	4.2	0.64	25.009	0.19
82.1	4.1	0.54	25.024	0.16
82.15	4.05	0.97	25.039	0.3
82.2	4.52	1.2	25.055	0.37
82.25	4.76	1.06	25.07	0.32
82.3	5.38	0.68	25.085	0.21
82.35	5.19	1.35	25.1	0.41
82.4	4.6	0.66	25.116	0.2
82.45	4.8	1.32	25.131	0.4
82.5	6.4	0.92	25.146	0.28
82.55	6.7	0.64	25.161	0.2
82.6	5.85	2.28	25.177	0.7
82.65	4.92	4.75	25.192	1.45
82.7	5.46	1.29	25.207	0.39
82.75	4.23	1.2	25.222	0.37
82.8	5.62	0.6	25.238	0.18
82.85	6.81	0.51	25.253	0.16
82.9	6.9	1.4	25.268	0.43
82.95	5.95	0.59	25.283	0.18
83	6.48	0.86	25.299	0.26
83.05	4.74	1.15	25.314	0.35
83.1	4.87	3.36	25.329	1.02
83.15	4.43	1.63	25.344	0.5
83.2	3.22	1.82	25.36	0.56
83.25	3.61	1.17	25.375	0.36
83.3	3.3	3.56	25.39	1.08
83.35	3.65	1.3	25.405	0.4
83.4	3.33	1.59	25.42	0.48
83.45	3.16	1.38	25.436	0.42
83.5	3.08	2.34	25.451	0.71
83.55	3.54	1.75	25.466	0.53
83.6	2.77	1.48	25.481	0.45
83.65	2.39	1.13	25.497	0.35
83.7	2.69	0.9	25.512	0.27
83.75	3.35	1.75	25.527	0.53
83.8	3.17	1.53	25.542	0.47
83.85	3.09	2.34	25.558	0.71
83.9	2.54	3	25.573	0.91
83.95	3.27	2.51	25.588	0.76
84	2.14	1.29	25.603	0.39
84.05	1.57	1.29	25.619	0.39
84.1	1.78	1.54	25.634	0.47
84.15	2.89	0.6	25.649	0.18
84.2	2.95	0.6	25.664	0.18
84.25	2.97	0.62	25.68	0.19
84.3	2.49	0.99	25.695	0.3
84.35	3.24	1.46	25.71	0.45
84.4	2.62	0.69	25.725	0.21
84.45	2.31	0.76	25.741	0.23

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84.5	2.66	0.72	25.756	0.22
84.55	2.83	2.3	25.771	0.7
84.6	2.41	0.85	25.786	0.26
84.65	2.21	1.71	25.801	0.52
84.7	2.6	1.09	25.817	0.33
84.75	1.8	2.29	25.832	0.7
84.8	1.9	1.1	25.847	0.34
84.85	1.45	2.22	25.862	0.68
84.9	1.73	1.61	25.878	0.49
84.95	1.86	1.38	25.893	0.42
85	1.43	2.07	25.908	0.63
85.05	2.22	2.41	25.923	0.73
85.1	2.11	2.46	25.939	0.75
85.15	1.55	1.86	25.954	0.57
85.2	1.78	2.68	25.969	0.82
85.25	2.39	1.61	25.984	0.49
85.3	1.69	1.1	26	0.34
85.35	1.85	0.83	26.015	0.25
85.4	1.42	1.52	26.03	0.46
85.45	1.21	1.07	26.045	0.32
85.5	1.61	1.34	26.061	0.41
85.55	1.8	1.68	26.076	0.51
85.6	1.9	1.46	26.091	0.44
85.65	1.45	1.98	26.106	0.6
85.7	1.73	1.62	26.122	0.49
85.75	1.86	1.17	26.137	0.36
85.8	1.43	1.56	26.152	0.47
85.85	1.22	1.52	26.167	0.46
85.9	2.11	1.6	26.183	0.49
85.95	3.05	1.15	26.198	0.35
86	5.03	2.79	26.213	0.85
86.05	8.51	1.41	26.228	0.43
86.1	16.76	1.26	26.243	0.38
86.15	17.88	1.27	26.259	0.39
86.2	21.44	1.83	26.274	0.56
86.25	26.22	1.7	26.289	0.52
86.3	27.61	1.82	26.304	0.55
86.35	29.3	1.27	26.32	0.39
86.4	30.65	2.72	26.335	0.83
86.45	29.33	1.4	26.35	0.43
86.5	29.66	1.93	26.365	0.59
86.55	31.83	1.23	26.381	0.38
86.6	30.92	2.06	26.396	0.63
86.65	29.96	1.9	26.411	0.58
86.7	28.48	1.18	26.426	0.36
86.75	26.24	1.21	26.442	0.37
86.8	22.62	1.58	26.457	0.48
86.85	18.81	1.21	26.472	0.37
86.9	16.4	1.46	26.487	0.44
86.95	16.2	1.33	26.503	0.4
87	18.1	1.18	26.518	0.36
87.05	19.05	1.98	26.533	0.6
87.1	19.53	1.36	26.548	0.41
87.15	19.26	1.48	26.564	0.45
87.2	21.63	1.56	26.579	0.47
87.25	22.32	1.73	26.594	0.53
87.3	22.66	1.2	26.609	0.37
87.35	23.83	1.29	26.625	0.39
87.4	24.91	1.43	26.64	0.44
87.45	25.46	1.53	26.655	0.47
87.5	26.73	1.56	26.67	0.48

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87.55	26.36	3.76	26.685	1.15
87.6	26.68	4.28	26.701	1.3
87.65	26.84	2.76	26.716	0.84
87.7	26.92	3.04	26.731	0.93
87.75	27.46	1.79	26.746	0.55
87.8	27.23	3.51	26.762	1.07
87.85	27.62	3.6	26.777	1.1
87.9	28.31	1.88	26.792	0.57
87.95	29.15	0.73	26.807	0.22
88	29.58	0.97	26.823	0.29
88.05	29.29	1.71	26.838	0.52
88.1	27.64	4.11	26.853	1.25
88.15	27.32	1.5	26.868	0.46
88.2	28.66	2.28	26.884	0.7
88.25	31.33	2.13	26.899	0.65
88.3	51.67	3.83	26.914	1.17
88.35	62.83	1.62	26.929	0.49
88.4	50.42	2.5	26.945	0.76
88.45	47.71	1.54	26.96	0.47
88.5	47.85	3.05	26.975	0.93
88.55	45.93	1.9	26.99	0.58
88.6	40.46	1.72	27.006	0.52
88.65	34.23	2.44	27.021	0.74
88.7	27.12	1.26	27.036	0.38
88.75	22.06	2.09	27.051	0.64
88.8	18.53	3.66	27.066	1.12
88.85	16.76	1.61	27.082	0.49
88.9	14.88	5.76	27.097	1.76
88.95	13.94	1.58	27.112	0.48
89	13.47	1.3	27.127	0.4
89.05	12.74	1.31	27.143	0.4
89.1	12.37	0.92	27.158	0.28
89.15	12.68	1.24	27.173	0.38
89.2	12.34	0.8	27.188	0.25
89.25	11.67	0.49	27.204	0.15
89.3	11.34	1.14	27.219	0.35
89.35	11.17	1.19	27.234	0.36
89.4	10.58	1.08	27.249	0.33
89.45	10.29	1.06	27.265	0.32
89.5	9.65	0.99	27.28	0.3
89.55	8.82	1.66	27.295	0.51
89.6	7.91	1.04	27.31	0.32
89.65	6.46	1.05	27.326	0.32
89.7	5.23	0.76	27.341	0.23
89.75	5.11	2.77	27.356	0.84
89.8	5.06	1.3	27.371	0.4
89.85	4.03	1.52	27.387	0.46
89.9	4.51	1.11	27.402	0.34
89.95	4.26	3.34	27.417	1.02
90	4.13	1.12	27.432	0.34
90.05	3.56	1.87	27.448	0.57
90.1	3.78	1.18	27.463	0.36
90.15	3.89	2.07	27.478	0.63
90.2	3.95	1.32	27.493	0.4
90.25	3.47	1.17	27.508	0.36
90.3	3.74	0.86	27.524	0.26
90.35	3.87	1.08	27.539	0.33
90.4	3.93	1.4	27.554	0.43
90.45	3.97	0.6	27.569	0.18
90.5	3.48	0.59	27.585	0.18
90.55	3.74	1.01	27.6	0.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
90.6	4.37	1.01	27.615	0.31
90.65	4.69	1.16	27.63	0.35
90.7	6.34	0.97	27.646	0.3
90.75	9.17	0.8	27.661	0.25
90.8	15.59	0.75	27.676	0.23
90.85	25.29	1.05	27.691	0.32
90.9	28.65	0.65	27.707	0.2
90.95	27.32	0.83	27.722	0.25
91	24.16	1.58	27.737	0.48
91.05	19.08	1.4	27.752	0.43
91.1	15.04	1.11	27.768	0.34
91.15	12.02	1.05	27.783	0.32
91.2	10.51	1.59	27.798	0.49
91.25	9.76	1.52	27.813	0.46
91.3	9.88	1.22	27.829	0.37
91.35	9.94	0.88	27.844	0.27
91.4	9.97	1.57	27.859	0.48
91.45	9.98	1.26	27.874	0.38
91.5	10.49	1.78	27.889	0.54
91.55	11.25	1.23	27.905	0.38
91.6	12.12	2.15	27.92	0.65
91.65	13.06	0.89	27.935	0.27
91.7	13.53	0.87	27.95	0.26
91.75	14.77	0.81	27.966	0.25
91.8	14.88	0.93	27.981	0.28
91.85	13.44	0.74	27.996	0.23
91.9	13.22	0.64	28.011	0.2
91.95	10.61	0.61	28.027	0.19
92	8.31	1.03	28.042	0.31
92.05	6.15	0.53	28.057	0.16
92.1	4.58	0.65	28.072	0.2
92.15	4.29	0.63	28.088	0.19
92.2	6.14	0.63	28.103	0.19
92.25	10.07	0.6	28.118	0.18
92.3	15.54	0.56	28.133	0.17
92.35	24.77	0.64	28.149	0.19
92.4	28.88	0.61	28.164	0.19
92.45	20.94	0.78	28.179	0.24
92.5	16.47	0.53	28.194	0.16
92.55	13.24	3.6	28.21	1.1
92.6	10.62	3.45	28.225	1.05
92.65	8.81	1.96	28.24	0.6
92.7	7.4	1.99	28.255	0.61
92.75	6.7	1.57	28.271	0.48
92.8	5.85	1.74	28.286	0.53
92.85	5.43	3.61	28.301	1.1
92.9	5.21	1.05	28.316	0.32
92.95	5.11	2.56	28.331	0.78
93	5.55	1.32	28.347	0.4
93.05	5.28	2.07	28.362	0.63
93.1	5.14	1.14	28.377	0.35
93.15	5.57	0.67	28.392	0.21
93.2	5.78	0.54	28.408	0.16
93.25	5.89	0.87	28.423	0.26
93.3	5.45	3.79	28.438	1.16
93.35	5.72	0.96	28.453	0.29
93.4	5.36	1.35	28.469	0.41
93.45	4.18	1.01	28.484	0.31
93.5	4.09	2.57	28.499	0.78
93.55	3.55	1.17	28.514	0.36
93.6	2.77	0.88	28.53	0.27

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
93.65	2.89	1.29	28.545	0.39
93.7	2.44	1.87	28.56	0.57
93.75	2.22	1.5	28.575	0.46
93.8	1.61	3.71	28.591	1.13
93.85	2.31	2.37	28.606	0.72
93.9	3.15	3.34	28.621	1.02
93.95	3.58	2.11	28.636	0.64
94	4.29	1.72	28.652	0.52
94.05	5.14	1.43	28.667	0.44
94.1	6.07	2.93	28.682	0.89
94.15	7.54	2.01	28.697	0.61
94.2	10.27	1.69	28.713	0.52
94.25	12.63	1.83	28.728	0.56
94.3	12.82	0.91	28.743	0.28
94.35	13.91	0.78	28.758	0.24
94.4	13.95	1.47	28.773	0.45
94.45	12.98	0.59	28.789	0.18
94.5	12.49	0.88	28.804	0.27
94.55	11.24	1.22	28.819	0.37
94.6	10.12	0.9	28.834	0.28
94.65	8.56	1.66	28.85	0.51
94.7	8.28	0.85	28.865	0.26
94.75	7.14	1.48	28.88	0.45
94.8	6.07	1.65	28.895	0.5
94.85	6.04	2.13	28.911	0.65
94.9	7.02	1.33	28.926	0.41
94.95	8.01	2.81	28.941	0.86
95	10	1.29	28.956	0.39
95.05	10	1.77	28.972	0.54
95.1	10	1.54	28.987	0.47
95.15	8	2.47	29.002	0.75
95.2	8	1.54	29.017	0.47
95.25	6.5	1.29	29.033	0.39
95.3	5.75	1.15	29.048	0.35
95.35	4.88	3.22	29.063	0.98
95.4	4.44	1.94	29.078	0.59
95.45	5.72	0.89	29.094	0.27
95.5	5.36	1.07	29.109	0.33
95.55	5.68	1.01	29.124	0.31
95.6	4.84	0.77	29.139	0.24
95.65	4.42	0.57	29.154	0.17
95.7	4.21	0.79	29.17	0.24
95.75	3.6	0.82	29.185	0.25
95.8	3.3	0.77	29.2	0.23
95.85	3.15	0.79	29.215	0.24
95.9	2.58	0.8	29.231	0.24
95.95	2.29	1.04	29.246	0.32
96	2.64	0.65	29.261	0.2
96.05	2.82	1.02	29.276	0.31
96.1	2.41	0.65	29.292	0.2
96.15	2.21	1.09	29.307	0.33
96.2	1.6	1.28	29.322	0.39
96.25	1.3	0.72	29.337	0.22
96.3	1.15	0.79	29.353	0.24
96.35	1.08	0.79	29.368	0.24
96.4	2.04	1.01	29.383	0.31
96.45	2.52	0.69	29.398	0.21
96.5	2.76	0.98	29.414	0.3
96.55	2.88	1.04	29.429	0.32
96.6	2.94	1.31	29.444	0.4
96.65	3.47	1.06	29.459	0.32

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96.7	3.23	0.6	29.475	0.18
96.75	2.62	0.64	29.49	0.2
96.8	1.81	0.51	29.505	0.16
96.85	2.4	0.74	29.52	0.23
96.9	2.2	0.58	29.536	0.18
96.95	3.1	0.92	29.551	0.28
97	3.05	0.61	29.566	0.19
97.05	2.53	0.89	29.581	0.27
97.1	2.76	0.63	29.596	0.19
97.15	3.88	0.8	29.612	0.24
97.2	2.94	0.57	29.627	0.17
97.25	2.97	0.56	29.642	0.17
97.3	2.49	0.8	29.657	0.24
97.35	2.74	0.55	29.673	0.17
97.4	2.37	0.54	29.688	0.16
97.45	2.69	0.9	29.703	0.28
97.5	2.34	0.93	29.718	0.28
97.55	2.67	1.01	29.734	0.31
97.6	3.84	1.31	29.749	0.4
97.65	3.92	1.98	29.764	0.6
97.7	3.96	0.75	29.779	0.23
97.75	3.98	2.84	29.795	0.87
97.8	3.99	0.92	29.81	0.28
97.85	4.49	4.09	29.825	1.25
97.9	4.75	1.97	29.84	0.6
97.95	4.87	1.94	29.856	0.59
98	4.94	1.77	29.871	0.54
98.05	4.47	2.13	29.886	0.65
98.1	4.23	1.24	29.901	0.38
98.15	4.62	1.81	29.917	0.55
98.2	4.31	1.78	29.932	0.54
98.25	4.65	4.47	29.947	1.36
98.3	4.33	1.55	29.962	0.47
98.35	3.66	2.47	29.978	0.75
98.4	4.33	2.05	29.993	0.63
98.45	4.67	1.43	30.008	0.43
98.5	4.33	1.46	30.023	0.45
98.55	4.67	0.83	30.038	0.25
98.6	4.33	0.61	30.054	0.19
98.65	4.67	0.72	30.069	0.22
98.7	4.33	0.63	30.084	0.19
98.75	4.67	0.67	30.099	0.21
98.8	4.33	0.95	30.115	0.29
98.85	4.67	0.97	30.13	0.29
98.9	4.33	1.4	30.145	0.43
98.95	4.67	0.92	30.16	0.28
99	4.83	1.38	30.176	0.42
99.05	4.92	0.56	30.191	0.17
99.1	4.46	1.61	30.206	0.49
99.15	4.23	0.72	30.221	0.22
99.2	4.61	1.73	30.237	0.53
99.25	4.31	1.09	30.252	0.33
99.3	5.15	3.12	30.267	0.95
99.35	5.08	1.59	30.282	0.48
99.4	5.54	1.25	30.298	0.38
99.45	5.77	0.92	30.313	0.28
99.5	5.38	3.98	30.328	1.21
99.55	5.19	1.65	30.343	0.5
99.6	5.1	2.71	30.359	0.83
99.65	6.05	1.51	30.374	0.46
99.7	5.52	1.47	30.389	0.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
99.75	5.26	1.34	30.404	0.41
99.8	4.63	0.6	30.419	0.18
99.85	4.82	0.53	30.435	0.16
99.9	5.41	1.83	30.45	0.56
99.95	6.2	0.63	30.465	0.19
100	7.1	0.8	30.48	0.25
100.05	7.55	0.76	30.496	0.23
100.1	7.28	0.8	30.511	0.24
100.15	7.14	0.87	30.526	0.27
100.2	7.57	1.47	30.541	0.45
100.25	7.78	1.39	30.557	0.42
100.3	6.89	0.96	30.572	0.29
100.35	5.95	2.09	30.587	0.64
100.4	4.97	1.09	30.602	0.33
100.45	4.49	0.94	30.618	0.29
100.5	4.74	0.89	30.633	0.27
100.55	4.37	2.48	30.648	0.76
100.6	4.69	1.39	30.663	0.42
100.65	5.34	1.18	30.679	0.36
100.7	5.17	1.39	30.694	0.42
100.75	5.09	1.42	30.709	0.43
100.8	5.04	1.53	30.724	0.47
100.85	5.02	1.4	30.74	0.43
100.9	5.01	1.27	30.755	0.39
100.95	5.01	2.14	30.77	0.65
101	5.5	1.05	30.785	0.32
101.05	6.25	0.94	30.801	0.29
101.1	7.13	1.4	30.816	0.43
101.15	8.06	0.49	30.831	0.15
101.2	10.03	0.9	30.846	0.27
101.25	10.52	0.77	30.861	0.23
101.3	10.26	0.78	30.877	0.24
101.35	9.13	1.22	30.892	0.37
101.4	9.56	1.11	30.907	0.34
101.45	12.28	1.26	30.922	0.38
101.5	9.64	1.34	30.938	0.41
101.55	9.32	1.3	30.953	0.4
101.6	7.66	0.94	30.968	0.29
101.65	5.83	0.84	30.983	0.26
101.7	5.92	0.78	30.999	0.24
101.75	4.96	0.97	31.014	0.29
101.8	4.48	1.05	31.029	0.32
101.85	4.24	1.05	31.044	0.32
101.9	4.12	1.19	31.06	0.36
101.95	4.06	1	31.075	0.31
102	3.53	1.25	31.09	0.38
102.05	3.26	1.15	31.105	0.35
102.1	3.63	1.35	31.121	0.41
102.15	3.82	1.27	31.136	0.39
102.2	3.41	1.2	31.151	0.37
102.25	3.2	1.15	31.166	0.35
102.3	3.6	0.81	31.182	0.25
102.35	3.8	0.89	31.197	0.27
102.4	4.4	0.86	31.212	0.26
102.45	5.2	0.92	31.227	0.28
102.5	6.1	2.48	31.243	0.76
102.55	7.05	1.23	31.258	0.38
102.6	8.53	2.24	31.273	0.68
102.65	9.26	1.47	31.288	0.45
102.7	9.63	1.12	31.303	0.34
102.75	9.82	0.58	31.319	0.18

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
102.8	9.91	0.37	31.334	0.11
102.85	9.95	2.27	31.349	0.69
102.9	10.48	1.5	31.364	0.46
102.95	10.74	1.69	31.38	0.51
103	10.87	0.85	31.395	0.26
103.05	10.43	3.09	31.41	0.94
103.1	9.72	1.83	31.425	0.56
103.15	8.86	2.46	31.441	0.75
103.2	8.93	1.19	31.456	0.36
103.25	9.46	3.62	31.471	1.1
103.3	9.23	1.98	31.486	0.6
103.35	8.62	2.28	31.502	0.69
103.4	9.81	2.21	31.517	0.67
103.45	9.4	2.54	31.532	0.78
103.5	8.7	1.35	31.547	0.41
103.55	8.85	0.98	31.563	0.3
103.6	7.93	1.65	31.578	0.5
103.65	7.96	1.75	31.593	0.53
103.7	7.48	1.7	31.608	0.52
103.75	7.24	1.24	31.624	0.38
103.8	7.12	0.91	31.639	0.28
103.85	7.56	2.93	31.654	0.89
103.9	7.78	1.23	31.669	0.38
103.95	7.39	0.49	31.684	0.15
104	7.2	0.45	31.7	0.14
104.05	8.1	0.4	31.715	0.12
104.1	9.05	0.9	31.73	0.27
104.15	10.02	0.75	31.745	0.23
104.2	10.51	0.82	31.761	0.25
104.25	9.76	0.73	31.776	0.22
104.3	11.88	1.97	31.791	0.6
104.35	9.44	0.84	31.806	0.26
104.4	7.22	0.8	31.822	0.24
104.45	5.61	0.91	31.837	0.28
104.5	4.3	2.63	31.852	0.8
104.55	4.65	1.07	31.867	0.33
104.6	5.33	1.37	31.883	0.42
104.65	5.66	1.52	31.898	0.46
104.7	6.33	2.4	31.913	0.73
104.75	7.67	1.57	31.928	0.48
104.8	8.83	2.59	31.944	0.79
104.85	8.42	1.53	31.959	0.47
104.9	6.71	1.55	31.974	0.47
104.95	6.35	1.2	31.989	0.37
105	5.68	1.86	32.005	0.57
105.05	5.84	0.94	32.02	0.29
105.1	4.92	1.82	32.035	0.56
105.15	4.96	1.09	32.05	0.33
105.2	4.98	0.89	32.066	0.27
105.25	4.49	1.09	32.081	0.33
105.3	3.74	0.54	32.096	0.17
105.35	3.37	0.89	32.111	0.27
105.4	3.69	0.69	32.126	0.21
105.45	3.84	1.13	32.142	0.34
105.5	4.92	0.81	32.157	0.25
105.55	4.96	1.64	32.172	0.5
105.6	5.48	0.77	32.187	0.23
105.65	4.74	0.85	32.203	0.26
105.7	4.37	0.76	32.218	0.23
105.75	4.69	1.26	32.233	0.38
105.8	4.34	1.03	32.248	0.31

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
105.85	4.17	0.97	32.264	0.3
105.9	3.59	1.67	32.279	0.51
105.95	3.29	1.77	32.294	0.54
106	3.15	1.41	32.309	0.43
106.05	3.57	1.33	32.325	0.4
106.1	4.79	1.04	32.34	0.32
106.15	5.39	2.15	32.355	0.66
106.2	5.7	0.98	32.37	0.3
106.25	5.35	1.53	32.386	0.47
106.3	5.17	1.4	32.401	0.43
106.35	5.59	1.52	32.416	0.46
106.4	6.29	1.21	32.431	0.37
106.45	7.15	1.02	32.447	0.31
106.5	7.07	0.87	32.462	0.26
106.55	7.54	0.64	32.477	0.2
106.6	7.77	1.14	32.492	0.35
106.65	7.88	1.14	32.508	0.35
106.7	7.44	0.85	32.523	0.26
106.75	7.22	0.88	32.538	0.27
106.8	7.11	1.26	32.553	0.38
106.85	7.56	0.78	32.568	0.24
106.9	7.78	0.76	32.584	0.23
106.95	8.39	0.71	32.599	0.22
107	8.19	1.35	32.614	0.41
107.05	8.1	1.03	32.629	0.31
107.1	7.55	0.8	32.645	0.24
107.15	7.77	1.07	32.66	0.33
107.2	7.89	0.78	32.675	0.24
107.25	7.94	1.12	32.69	0.34
107.3	7.97	1.44	32.706	0.44
107.35	7.99	1.07	32.721	0.33
107.4	7.99	0.7	32.736	0.21
107.45	8.5	1.01	32.751	0.31
107.5	7.25	3.61	32.767	1.1
107.55	6.62	2.18	32.782	0.67
107.6	5.81	1.98	32.797	0.6
107.65	5.41	1.02	32.812	0.31
107.7	4.7	0.78	32.828	0.24
107.75	5.85	0.46	32.843	0.14
107.8	6.93	0.71	32.858	0.22
107.85	7.96	1.7	32.873	0.52
107.9	8.48	0.7	32.889	0.21
107.95	8.74	0.87	32.904	0.26
108	9.37	0.78	32.919	0.24
108.05	8.69	3.98	32.934	1.21
108.1	8.34	0.86	32.949	0.26
108.15	7.67	1.92	32.965	0.58
108.2	6.84	0.89	32.98	0.27
108.25	6.92	4.39	32.995	1.34
108.3	6.96	1.25	33.01	0.38
108.35	7.48	2.03	33.026	0.62
108.4	7.24	2.18	33.041	0.66
108.45	7.12	3.57	33.056	1.09
108.5	7.06	1.48	33.071	0.45
108.55	7.03	1.31	33.087	0.4
108.6	6.51	1.72	33.102	0.52
108.65	5.76	2.17	33.117	0.66
108.7	5.38	2.68	33.132	0.82
108.75	4.69	2.51	33.148	0.77
108.8	4.34	1.15	33.163	0.35
108.85	4.17	2.93	33.178	0.89

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
108.9	4.09	1.08	33.193	0.33
108.95	4.54	0.86	33.209	0.26
109	4.77	0.5	33.224	0.15
109.05	5.39	0.46	33.239	0.14
109.1	6.19	0.69	33.254	0.21
109.15	7.6	0.65	33.27	0.2
109.2	7.8	0.86	33.285	0.26
109.25	7.4	1.09	33.3	0.33
109.3	7.2	1.69	33.315	0.51
109.35	7.1	1.12	33.331	0.34
109.4	7.05	0.83	33.346	0.25
109.45	7.02	0.8	33.361	0.24
109.5	8.01	2.43	33.376	0.74
109.55	8.01	0.95	33.391	0.29
109.6	7	1.17	33.407	0.36
109.65	6	1.27	33.422	0.39
109.7	5	2.73	33.437	0.83
109.75	5	1.51	33.452	0.46
109.8	5.5	4.6	33.468	1.4
109.85	6.25	1.04	33.483	0.32
109.9	6.13	1.69	33.498	0.52
109.95	6.06	1.22	33.513	0.37
110	6.03	0.94	33.529	0.29
110.05	6.02	1.51	33.544	0.46
110.1	6.01	1.26	33.559	0.38
110.15	6.5	0.73	33.574	0.22
110.2	6.75	0.94	33.59	0.29
110.25	6.38	0.69	33.605	0.21
110.3	6.19	0.41	33.62	0.13
110.35	6.09	0.67	33.635	0.2
110.4	6.05	1.06	33.651	0.32
110.45	6.52	0.69	33.666	0.21
110.5	6.76	1.06	33.681	0.32
110.55	7.38	0.66	33.696	0.2
110.6	7.69	0.84	33.712	0.26
110.65	7.35	1.19	33.727	0.36
110.7	6.67	0.81	33.742	0.25
110.75	6.34	1.02	33.757	0.31
110.8	6.17	0.83	33.772	0.25
110.85	5.58	1.03	33.788	0.31
110.9	5.29	0.95	33.803	0.29
110.95	4.65	2.99	33.818	0.91
111	4.32	1.53	33.833	0.47
111.05	4.16	1.16	33.849	0.36
111.1	4.08	1.53	33.864	0.47
111.15	4.04	2.44	33.879	0.74
111.2	5.02	1.61	33.894	0.49
111.25	6.01	1.59	33.91	0.49
111.3	5.51	1.23	33.925	0.37
111.35	5.25	1.41	33.94	0.43
111.4	5.13	1.78	33.955	0.54
111.45	5.06	1.55	33.971	0.47
111.5	5.53	1.42	33.986	0.43
111.55	5.77	1.05	34.001	0.32
111.6	6.88	1.12	34.016	0.34
111.65	7.94	1.59	34.032	0.48
111.7	8.47	1.02	34.047	0.31
111.75	9.24	1.39	34.062	0.42
111.8	9.62	1.39	34.077	0.43
111.85	9.31	1.57	34.093	0.48
111.9	9.15	1.1	34.108	0.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
111.95	10.58	1.09	34.123	0.33
112	13.79	1	34.138	0.3
112.05	17.39	1.24	34.154	0.38
112.1	17.2	1.07	34.169	0.33
112.15	16.6	1.74	34.184	0.53
112.2	13.3	1	34.199	0.3
112.25	13.65	0.93	34.214	0.28
112.3	10.82	0.85	34.23	0.26
112.35	7.91	0.99	34.245	0.3
112.4	6.46	1.1	34.26	0.34
112.45	5.73	0.95	34.275	0.29
112.5	5.36	0.85	34.291	0.26
112.55	4.68	3.5	34.306	1.07
112.6	4.34	2	34.321	0.61
112.65	3.67	1.73	34.336	0.53
112.7	3.84	1.63	34.352	0.5
112.75	5.92	2.94	34.367	0.9
112.8	6.96	2.44	34.382	0.74
112.85	7.48	0.74	34.397	0.23
112.9	6.74	1.27	34.413	0.39
112.95	6.37	0.79	34.428	0.24
113	5.18	1.06	34.443	0.32
113.05	4.59	2.09	34.458	0.64
113.1	4.8	0.57	34.474	0.17
113.15	4.9	1.19	34.489	0.36
113.2	4.45	0.87	34.504	0.27
113.25	3.72	2.57	34.519	0.78
113.3	3.86	0.97	34.535	0.3
113.35	4.43	1.17	34.55	0.36
113.4	5.22	0.65	34.565	0.2
113.45	6.11	2.22	34.58	0.68
113.5	7.05	0.9	34.596	0.27
113.55	7.53	0.65	34.611	0.2
113.6	6.26	1.33	34.626	0.4
113.65	6.13	2.45	34.641	0.75
113.7	6.07	1.12	34.656	0.34
113.75	5.53	3.66	34.672	1.12
113.8	4.77	1.26	34.687	0.39
113.85	4.38	4.4	34.702	1.34
113.9	3.69	2.42	34.717	0.74
113.95	3.85	1.6	34.733	0.49
114	3.42	1.81	34.748	0.55
114.05	3.21	1.14	34.763	0.35
114.1	3.11	2.17	34.778	0.66
114.15	3.05	0.92	34.794	0.28
114.2	3.53	0.86	34.809	0.26
114.25	4.26	0.84	34.824	0.25
114.3	4.13	1.01	34.839	0.31
114.35	4.57	0.91	34.855	0.28
114.4	3.78	0.73	34.87	0.22
114.45	3.39	0.83	34.885	0.25
114.5	3.7	2.14	34.9	0.65
114.55	3.85	1.06	34.916	0.32
114.6	3.92	1.07	34.931	0.33
114.65	4.46	1.26	34.946	0.38
114.7	4.73	2.22	34.961	0.68
114.75	4.87	1.36	34.977	0.42
114.8	5.43	2.79	34.992	0.85
114.85	5.72	1.66	35.007	0.51
114.9	5.36	4.84	35.022	1.48
114.95	5.68	1.96	35.037	0.6

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
115	5.34	3.07	35.053	0.94
115.05	5.17	2.12	35.068	0.65
115.1	5.08	3.57	35.083	1.09
115.15	5.04	2.47	35.098	0.75
115.2	5.52	1.92	35.114	0.59
115.25	5.76	2.36	35.129	0.72
115.3	5.38	1.77	35.144	0.54
115.35	5.19	1.91	35.159	0.58
115.4	5.1	1.03	35.175	0.31
115.45	4.55	1.41	35.19	0.43
115.5	4.77	0.7	35.205	0.21
115.55	4.89	1.26	35.22	0.38
115.6	4.94	1.3	35.236	0.4
115.65	5.47	1.34	35.251	0.41
115.7	6.24	1.6	35.266	0.49
115.75	6.62	2.15	35.281	0.65
115.8	6.31	1.26	35.297	0.38
115.85	5.65	1.73	35.312	0.53
115.9	5.33	1.33	35.327	0.4
115.95	5.16	1.62	35.342	0.49
116	5.08	1.56	35.358	0.48
116.05	5.04	1.35	35.373	0.41
116.1	5.02	1.72	35.388	0.52
116.15	4.51	2.37	35.403	0.72
116.2	4.26	1.82	35.419	0.56
116.25	4.13	1.86	35.434	0.57
116.3	4.56	2.04	35.449	0.62
116.35	4.28	1.75	35.464	0.53
116.4	4.64	1.87	35.479	0.57
116.45	4.82	1.66	35.495	0.51
116.5	4.41	2.12	35.51	0.64
116.55	4.71	2	35.525	0.61
116.6	4.85	1.77	35.54	0.54
116.65	5.43	1.98	35.556	0.6
116.7	5.21	1.83	35.571	0.56
116.75	5.11	1.23	35.586	0.37
116.8	5.05	1.53	35.601	0.47
116.85	5.03	2.14	35.617	0.65
116.9	5.01	1.37	35.632	0.42
116.95	5.01	2.21	35.647	0.67
117	5	1.83	35.662	0.56
117.05	5	2.11	35.678	0.64
117.1	4.5	1.49	35.693	0.45
117.15	4.75	1.5	35.708	0.46
117.2	4.88	1.78	35.723	0.54
117.25	4.44	1.77	35.739	0.54
117.3	4.22	1.66	35.754	0.51
117.35	4.11	1.62	35.769	0.49
117.4	4.05	1.42	35.784	0.43
117.45	4.03	2.02	35.8	0.61
117.5	4.01	2.92	35.815	0.89
117.55	4.51	4.25	35.83	1.29
117.6	4.25	5.13	35.845	1.56
117.65	4.13	3.2	35.861	0.98
117.7	4.56	1.67	35.876	0.51
117.75	4.78	1.54	35.891	0.47
117.8	4.89	4.21	35.906	1.28
117.85	4.45	2.65	35.921	0.81
117.9	4.72	2.15	35.937	0.66
117.95	4.86	2.25	35.952	0.69
118	4.93	1.76	35.967	0.54

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
118.05	4.97	2.02	35.982	0.61
118.1	4.98	1.03	35.998	0.31
118.15	4.49	1.77	36.013	0.54
118.2	4.25	1.29	36.028	0.39
118.25	4.12	5.01	36.043	1.53
118.3	4.56	1.57	36.059	0.48
118.35	4.28	2.73	36.074	0.83
118.4	4.64	2.92	36.089	0.89
118.45	4.32	2.87	36.104	0.87
118.5	5.16	1.81	36.12	0.55
118.55	5.08	1.71	36.135	0.52
118.6	5.04	2.14	36.15	0.65
118.65	4.52	3.83	36.165	1.17
118.7	4.26	2.52	36.181	0.77
118.75	4.13	2.8	36.196	0.85
118.8	4.07	1.68	36.211	0.51
118.85	8.53	3.21	36.226	0.98
118.9	15.77	4.16	36.242	1.27
118.95	22.88	2.49	36.257	0.76
119	25.44	1.39	36.272	0.42
119.05	22.72	2.42	36.287	0.74
119.1	22.86	1.49	36.302	0.46
119.15	22.93	2.13	36.318	0.65
119.2	22.97	1.6	36.333	0.49
119.25	21.48	0.53	36.348	0.16
119.3	19.24	1.23	36.363	0.38
119.35	18.12	1.11	36.379	0.34
119.4	17.56	1.03	36.394	0.31
119.45	17.28	1	36.409	0.31
119.5	16.14	1.72	36.424	0.53
119.55	15.57	1.37	36.44	0.42
119.6	14.79	1.17	36.455	0.36
119.65	12.89	0.89	36.47	0.27
119.7	12.95	2.4	36.485	0.73
119.75	13.47	1.27	36.501	0.39
119.8	13.24	3.12	36.516	0.95
119.85	13.12	1.42	36.531	0.43
119.9	12.06	2.48	36.546	0.76
119.95	11.53	1.06	36.562	0.32
120	10.26	1.76	36.577	0.54
120.05	9.13	1.15	36.592	0.35
120.1	8.07	2.47	36.607	0.75
120.15	8.03	1.64	36.623	0.5
120.2	8.02	0.91	36.638	0.28
120.25	7.51	1.94	36.653	0.59
120.3	7.25	1.92	36.668	0.59
120.35	6.63	1.16	36.684	0.35
120.4	7.31	1.52	36.699	0.46
120.45	7.16	0.8	36.714	0.24
120.5	7.08	0.73	36.729	0.22
120.55	6.54	0.69	36.744	0.21
120.6	6.27	0.61	36.76	0.19
120.65	6.13	0.92	36.775	0.28
120.7	6.07	0.77	36.79	0.23
120.75	6.53	1.45	36.805	0.44
120.8	7.27	1.21	36.821	0.37
120.85	8.13	0.61	36.836	0.19
120.9	8.57	0.85	36.851	0.26
120.95	8.28	0.99	36.866	0.3
121	7.64	0.82	36.882	0.25
121.05	6.82	0.84	36.897	0.26

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
121.1	6.41	1.24	36.912	0.38
121.15	6.71	2.18	36.927	0.66
121.2	6.85	0.82	36.943	0.25
121.25	6.93	1.1	36.958	0.33
121.3	6.96	0.87	36.973	0.26
121.35	7.48	1.73	36.988	0.53
121.4	7.74	1.28	37.004	0.39
121.45	7.87	1.2	37.019	0.36
121.5	7.94	0.96	37.034	0.29
121.55	7.47	0.92	37.049	0.28
121.6	7.23	0.84	37.065	0.25
121.65	6.62	0.67	37.08	0.2
121.7	6.31	1.29	37.095	0.39
121.75	6.15	0.88	37.11	0.27
121.8	6.58	0.89	37.126	0.27
121.85	6.79	1.16	37.141	0.35
121.9	6.39	0.74	37.156	0.22
121.95	6.7	0.71	37.171	0.22
122	6.35	0.62	37.186	0.19
122.05	6.17	0.92	37.202	0.28
122.1	6.59	0.92	37.217	0.28
122.15	6.29	0.71	37.232	0.22
122.2	6.15	0.73	37.247	0.22
122.25	6.07	0.66	37.263	0.2
122.3	6.04	0.72	37.278	0.22
122.35	6.02	0.81	37.293	0.25
122.4	6.51	1.11	37.308	0.34
122.45	6.25	1.14	37.324	0.35
122.5	6.13	1.46	37.339	0.45
122.55	6.06	1.65	37.354	0.5
122.6	6.03	2.39	37.369	0.73
122.65	7.02	2.34	37.385	0.71
122.7	7.01	0.74	37.4	0.23
122.75	6.5	1.48	37.415	0.45
122.8	6.25	3.32	37.43	1.01
122.85	6.13	2.23	37.446	0.68
122.9	6.56	1.39	37.461	0.43
122.95	6.78	1.72	37.476	0.52
123	7.39	1.49	37.491	0.45
123.05	6.7	2.4	37.507	0.73
123.1	6.85	0.98	37.522	0.3
123.15	6.42	0.87	37.537	0.26
123.2	6.21	2.69	37.552	0.82
123.25	6.11	1.96	37.567	0.6
123.3	6.05	1.32	37.583	0.4
123.35	6.03	0.62	37.598	0.19
123.4	6.01	0.68	37.613	0.21
123.45	5.51	0.74	37.628	0.22
123.5	5.25	1.24	37.644	0.38
123.55	5.63	0.97	37.659	0.3
123.6	5.81	1.38	37.674	0.42
123.65	5.41	2.54	37.689	0.77
123.7	5.7	1.14	37.705	0.35
123.75	6.35	1.68	37.72	0.51
123.8	7.18	1.13	37.735	0.34
123.85	7.09	4.05	37.75	1.23
123.9	7.04	1.55	37.766	0.47
123.95	7.02	1.37	37.781	0.42
124	6.51	1.3	37.796	0.39
124.05	6.26	3.23	37.811	0.98
124.1	5.63	1.99	37.827	0.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
124.15	5.81	2.73	37.842	0.83
124.2	5.91	1.94	37.857	0.59
124.25	5.95	4.06	37.872	1.24
124.3	6.48	2.26	37.888	0.69
124.35	6.74	1	37.903	0.31
124.4	6.37	1.43	37.918	0.43
124.45	6.18	2.92	37.933	0.89
124.5	6.09	1.36	37.949	0.41
124.55	6.05	1.31	37.964	0.4
124.6	6.02	0.79	37.979	0.24
124.65	6.01	0.84	37.994	0.26
124.7	6.01	0.82	38.009	0.25
124.75	6	1.04	38.025	0.32
124.8	6	1.62	38.04	0.49
124.85	6.5	0.93	38.055	0.28
124.9	5.75	1.68	38.07	0.51
124.95	5.38	1.15	38.086	0.35
125	5.69	1.91	38.101	0.58
125.05	5.34	1.04	38.116	0.32
125.1	5.67	2.07	38.131	0.63
125.15	5.34	1.27	38.147	0.39
125.2	5.67	1.4	38.162	0.43
125.25	5.83	1.61	38.177	0.49
125.3	6.42	3.62	38.192	1.1
125.35	6.71	1.49	38.208	0.45
125.4	6.35	1.85	38.223	0.56
125.45	5.68	1.52	38.238	0.46
125.5	5.34	2.27	38.253	0.69
125.55	5.17	1.92	38.269	0.58
125.6	5.08	1.97	38.284	0.6
125.65	5.04	1.19	38.299	0.36
125.7	5.02	2	38.314	0.61
125.75	5.51	1.49	38.33	0.45
125.8	5.26	1.66	38.345	0.51
125.85	5.63	1.67	38.36	0.51
125.9	5.31	0.64	38.375	0.2
125.95	5.16	1.39	38.39	0.42
126	5.58	1.33	38.406	0.4
126.05	5.29	1.41	38.421	0.43
126.1	5.14	1.55	38.436	0.47
126.15	5.07	1.15	38.451	0.35
126.2	5.04	1.39	38.467	0.42
126.25	5.02	1.45	38.482	0.44
126.3	4.51	1.17	38.497	0.36
126.35	4.25	1.7	38.512	0.52
126.4	4.63	1.84	38.528	0.56
126.45	4.31	1.72	38.543	0.52
126.5	4.16	1.27	38.558	0.39
126.55	5.08	1.34	38.573	0.41
126.6	6.04	1.36	38.589	0.41
126.65	6.02	1.39	38.604	0.42
126.7	5.51	1.23	38.619	0.38
126.75	4.75	1.65	38.634	0.5
126.8	5.38	1.17	38.65	0.36
126.85	4.69	1.39	38.665	0.42
126.9	5.34	1.09	38.68	0.33
126.95	4.67	1.61	38.695	0.49
127	5.34	1.16	38.711	0.35
127.05	5.67	1.37	38.726	0.42
127.1	5.33	0.99	38.741	0.3
127.15	5.17	0.93	38.756	0.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
127.2	5.08	1.04	38.772	0.32
127.25	5.04	1.25	38.787	0.38
127.3	4.52	2.07	38.802	0.63
127.35	5.26	1.06	38.817	0.32
127.4	5.63	0.97	38.832	0.29
127.45	6.82	1.26	38.848	0.38
127.5	6.41	2.86	38.863	0.87
127.55	6.2	0.54	38.878	0.17
127.6	6.1	1.43	38.893	0.44
127.65	5.55	1.04	38.909	0.32
127.7	6.28	0.92	38.924	0.28
127.75	5.64	1.23	38.939	0.37
127.8	5.82	3.09	38.954	0.94
127.85	5.41	1.54	38.97	0.47
127.9	6.2	2.81	38.985	0.86
127.95	6.1	1.32	39	0.4
128	6.05	4.26	39.015	1.3
128.05	6.03	1.46	39.031	0.45
128.1	6.01	2.42	39.046	0.74
128.15	6.51	1.84	39.061	0.56
128.2	6.25	6.45	39.076	1.97
128.25	5.63	2.49	39.092	0.76
128.3	5.81	1.83	39.107	0.56
128.35	4.91	2.43	39.122	0.74
128.4	4.95	2.65	39.137	0.81
128.45	5.48	2.02	39.153	0.62
128.5	5.74	1.09	39.168	0.33
128.55	5.37	2.22	39.183	0.68
128.6	4.68	2.64	39.198	0.8
128.65	4.84	1.55	39.214	0.47
128.7	5.42	1.49	39.229	0.45
128.75	6.71	1.04	39.244	0.32
128.8	9.36	1.09	39.259	0.33
128.85	10.68	0.68	39.274	0.21
128.9	12.34	0.59	39.29	0.18
128.95	14.17	0.85	39.305	0.26
129	15.58	0.85	39.32	0.26
129.05	17.79	1.65	39.335	0.5
129.1	18.4	0.74	39.351	0.23
129.15	18.7	1.13	39.366	0.34
129.2	18.85	0.83	39.381	0.25
129.25	19.42	3.03	39.396	0.92
129.3	20.21	0.88	39.412	0.27
129.35	21.11	0.86	39.427	0.26
129.4	22.55	1.39	39.442	0.42
129.45	23.78	2.76	39.457	0.84
129.5	24.89	1.12	39.473	0.34
129.55	24.94	1.41	39.488	0.43
129.6	23.97	2.09	39.503	0.64
129.65	22.99	2.65	39.518	0.81
129.7	21.99	1.47	39.534	0.45
129.75	21.5	2.19	39.549	0.67
129.8	20.75	1.4	39.564	0.43
129.85	20.37	2.11	39.579	0.64
129.9	20.69	0.87	39.595	0.26
129.95	21.84	1.08	39.61	0.33
130	22.92	1.13	39.625	0.34
130.05	24.46	0.89	39.64	0.27
130.1	24.73	1.18	39.655	0.36
130.15	23.37	1.02	39.671	0.31
130.2	22.68	1	39.686	0.3

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
130.25	21.34	1.47	39.701	0.45
130.3	20.17	1.16	39.716	0.35
130.35	19.09	1.01	39.732	0.31
130.4	17.54	1.58	39.747	0.48
130.45	16.27	1.77	39.762	0.54
130.5	15.64	1.57	39.777	0.48
130.55	15.82	1.29	39.793	0.39
130.6	16.91	2.25	39.808	0.69
130.65	17.95	1.55	39.823	0.47
130.7	19.98	3.91	39.838	1.19
130.75	22.49	1.63	39.854	0.5
130.8	24.24	1.91	39.869	0.58
130.85	25.12	1.72	39.884	0.52
130.9	25.06	2.46	39.899	0.75
130.95	22.03	1.55	39.915	0.47
131	19.02	1.12	39.93	0.34
131.05	17.01	1.61	39.945	0.49
131.1	16	2.71	39.96	0.83
131.15	16	1.58	39.976	0.48
131.2	17.5	1.52	39.991	0.46
131.25	19.25	1.34	40.006	0.41
131.3	18.13	1.01	40.021	0.31
131.35	17.06	1.14	40.037	0.35
131.4	16.03	1.26	40.052	0.38
131.45	16.02	1.15	40.067	0.35
131.5	22.01	1.03	40.082	0.31
131.55	39	1.16	40.097	0.35
131.6	35	1.09	40.113	0.33
131.65	36	1.11	40.128	0.34
131.7	26.5	1.08	40.143	0.33
131.75	16.75	1.47	40.158	0.45
131.8	12.38	1.06	40.174	0.32
131.85	10.19	1.35	40.189	0.41
131.9	8.09	1.42	40.204	0.43
131.95	7.05	1.25	40.219	0.38
132	6.52	1.17	40.235	0.36
132.05	6.26	1.5	40.25	0.46
132.1	6.63	1.42	40.265	0.43
132.15	6.32	1.3	40.28	0.4
132.2	6.66	1.15	40.296	0.35
132.25	6.83	1.07	40.311	0.33
132.3	6.41	0.98	40.326	0.3
132.35	6.21	1.03	40.341	0.31
132.4	6.1	1.38	40.357	0.42
132.45	6.05	0.78	40.372	0.24
132.5	6.53	1.16	40.387	0.35
132.55	6.26	2.22	40.402	0.68
132.6	6.63	1.3	40.418	0.4
132.65	6.82	1.59	40.433	0.49
132.7	6.91	1.08	40.448	0.33
132.75	6.45	1.5	40.463	0.46
132.8	6.23	2.38	40.479	0.73
132.85	6.11	1.58	40.494	0.48
132.9	6.06	1.95	40.509	0.59
132.95	6.53	1.33	40.524	0.41
133	6.26	4.32	40.539	1.32
133.05	6.13	1.64	40.555	0.5
133.1	6.07	2.58	40.57	0.79
133.15	6.03	1.98	40.585	0.6
133.2	6.52	7	40.6	2.14
133.25	6.76	4.24	40.616	1.29

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
133.3	7.38	2.46	40.631	0.75
133.35	7.69	2.61	40.646	0.8
133.4	7.34	3.33	40.661	1.02
133.45	7.17	2.23	40.677	0.68
133.5	7.09	1.86	40.692	0.57
133.55	7.54	2.11	40.707	0.64
133.6	7.27	3.66	40.722	1.11
133.65	7.14	2.47	40.738	0.75
133.7	7.07	1.28	40.753	0.39
133.75	7.03	0.86	40.768	0.26
133.8	7.02	1.51	40.783	0.46
133.85	7.01	1.08	40.799	0.33
133.9	7	0.91	40.814	0.28
133.95	7	1.31	40.829	0.4
134	7	1.24	40.844	0.38
134.05	7	3.38	40.86	1.03
134.1	7	1.43	40.875	0.43
134.15	7.5	1.41	40.89	0.43
134.2	7.25	1.12	40.905	0.34
134.25	7.13	3.37	40.92	1.03
134.3	7.06	1.45	40.936	0.44
134.35	7.53	1.49	40.951	0.45
134.4	7.27	1.41	40.966	0.43
134.45	6.63	3.6	40.981	1.1
134.5	6.32	1.77	40.997	0.54
134.55	6.16	2.4	41.012	0.73
134.6	5.58	1.71	41.027	0.52
134.65	6.29	3.93	41.042	1.2
134.7	6.14	1.76	41.058	0.54
134.75	6.07	2.84	41.073	0.87
134.8	5.54	1.42	41.088	0.43
134.85	5.77	1.02	41.103	0.31
134.9	5.88	2.19	41.119	0.67
134.95	5.94	1.52	41.134	0.46
135	5.97	1.26	41.149	0.38
135.05	5.99	0.69	41.164	0.21
135.1	5.99	0.91	41.18	0.28
135.15	6	1.43	41.195	0.44
135.2	6	1.66	41.21	0.51
135.25	6.5	1.07	41.225	0.33
135.3	6.25	2.03	41.241	0.62
135.35	6.62	1.5	41.256	0.46
135.4	6.31	1.86	41.271	0.57
135.45	6.16	0.95	41.286	0.29
135.5	6.08	2.28	41.302	0.69
135.55	6.04	2.26	41.317	0.69
135.6	6.02	1.41	41.332	0.43
135.65	5.51	1.17	41.347	0.36
135.7	5.75	1.86	41.362	0.57
135.75	6.38	1.22	41.378	0.37
135.8	6.19	2.19	41.393	0.67
135.85	6.59	1.62	41.408	0.5
135.9	6.8	1.96	41.423	0.6
135.95	6.4	2.62	41.439	0.8
136	6.7	1.42	41.454	0.43
136.05	6.85	1.38	41.469	0.42
136.1	6.92	2.41	41.484	0.73
136.15	6.46	1.45	41.5	0.44
136.2	6.23	1.52	41.515	0.46
136.25	6.12	1.51	41.53	0.46
136.3	5.56	0.62	41.545	0.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
136.35	5.78	1.25	41.561	0.38
136.4	5.89	0.93	41.576	0.28
136.45	5.94	1.03	41.591	0.31
136.5	5.97	1.01	41.606	0.31
136.55	5.99	0.95	41.622	0.29
136.6	6.49	1.26	41.637	0.38
136.65	6.25	1.33	41.652	0.4
136.7	6.12	1.22	41.667	0.37
136.75	5.56	1.03	41.683	0.31
136.8	5.78	1.01	41.698	0.31
136.85	5.89	0.91	41.713	0.28
136.9	5.95	1.4	41.728	0.43
136.95	5.97	1.69	41.744	0.51
137	5.99	1.01	41.759	0.31
137.05	5.99	0.93	41.774	0.28
137.1	6.5	1.06	41.789	0.32
137.15	7.25	1.1	41.804	0.33
137.2	7.12	0.99	41.82	0.3
137.25	7.06	1.57	41.835	0.48
137.3	7.03	0.87	41.85	0.27
137.35	7.02	1.09	41.865	0.33
137.4	7.01	1.37	41.881	0.42
137.45	6.5	6.66	41.896	2.03
137.5	6.25	1.78	41.911	0.54
137.55	6.13	6.13	41.926	1.87
137.6	6.06	2.09	41.942	0.64
137.65	6.53	1.52	41.957	0.46
137.7	5.77	2.89	41.972	0.88
137.75	6.38	3.1	41.987	0.94
137.8	7.19	2.29	42.003	0.7
137.85	6.6	2.4	42.018	0.73
137.9	6.8	1.25	42.033	0.38
137.95	6.9	1.36	42.048	0.41
138	6.95	2.16	42.064	0.66
138.05	6.97	1.75	42.079	0.53
138.1	6.49	1.17	42.094	0.36
138.15	6.24	0.39	42.109	0.12
138.2	6.12	1.78	42.125	0.54
138.25	6.06	0.66	42.14	0.2
138.3	6.03	0.87	42.155	0.26
138.35	6.02	0.89	42.17	0.27
138.4	6.01	2.71	42.185	0.83
138.45	6	0.68	42.201	0.21
138.5	6.5	1.02	42.216	0.31
138.55	6.25	0.82	42.231	0.25
138.6	6.13	1.66	42.246	0.51
138.65	6.56	0.88	42.262	0.27
138.7	6.78	3.2	42.277	0.98
138.75	6.39	1.82	42.292	0.55
138.8	6.2	5.86	42.307	1.79
138.85	6.1	3.12	42.323	0.95
138.9	6.05	1.53	42.338	0.47
138.95	6.52	2.06	42.353	0.63
139	6.26	2.24	42.368	0.68
139.05	6.13	1.41	42.384	0.43
139.1	6.57	3.4	42.399	1.04
139.15	6.78	2.12	42.414	0.65
139.2	6.89	1.75	42.429	0.53
139.25	6.95	1.34	42.445	0.41
139.3	5.97	1.05	42.46	0.32
139.35	5.99	1.29	42.475	0.39

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
139.4	5.49	0.73	42.49	0.22
139.45	5.75	0.77	42.506	0.24
139.5	5.37	0.51	42.521	0.15
139.55	5.69	0.78	42.536	0.24
139.6	5.34	0.85	42.551	0.26
139.65	5.17	1.5	42.567	0.46
139.7	5.59	0.62	42.582	0.19
139.75	5.29	0.85	42.597	0.26
139.8	6.15	0.49	42.612	0.15
139.85	7.07	1.51	42.627	0.46
139.9	7.54	0.55	42.643	0.17
139.95	7.77	0.64	42.658	0.2
140	7.88	0.81	42.673	0.25
140.05	7.94	0.94	42.688	0.29
140.1	7.47	0.51	42.704	0.16
140.15	7.24	0.87	42.719	0.26
140.2	7.62	1.35	42.734	0.41
140.25	7.31	2.31	42.749	0.7
140.3	7.15	0.87	42.765	0.27
140.35	6.58	0.92	42.78	0.28
140.4	6.79	1.22	42.795	0.37
140.45	6.89	2.1	42.81	0.64
140.5	6.95	0.45	42.826	0.14
140.55	6.47	0.9	42.841	0.28
140.6	6.24	0.79	42.856	0.24
140.65	6.12	0.37	42.871	0.11
140.7	6.06	0.68	42.887	0.21
140.75	6.53	0.44	42.902	0.13
140.8	6.26	0.66	42.917	0.2
140.85	6.13	0.52	42.932	0.16
140.9	5.57	0.61	42.948	0.19
140.95	5.78	0.88	42.963	0.27
141	6.39	0.47	42.978	0.14
141.05	6.7	0.51	42.993	0.16
141.1	6.85	0.65	43.008	0.2
141.15	6.92	0.68	43.024	0.21
141.2	7.46	1.03	43.039	0.31
141.25	7.73	0.71	43.054	0.22
141.3	7.37	0.74	43.069	0.23
141.35	7.68	0.76	43.085	0.23
141.4	7.34	1.2	43.1	0.37
141.45	7.17	0.74	43.115	0.23
141.5	7.59	1.52	43.13	0.46
141.55	7.79	0.7	43.146	0.21
141.6	8.4	1.45	43.161	0.44
141.65	7.7	0.8	43.176	0.24
141.7	7.85	1.13	43.191	0.34
141.75	7.92	0.71	43.207	0.22
141.8	7.96	1.05	43.222	0.32
141.85	7.98	0.75	43.237	0.23
141.9	7.99	0.6	43.252	0.18
141.95	8	0.74	43.268	0.23
142	8	0.69	43.283	0.21
142.05	8.5	1.06	43.298	0.32
142.1	8.75	0.69	43.313	0.21
142.15	8.87	0.64	43.329	0.2
142.2	7.94	0.91	43.344	0.28
142.25	6.97	0.7	43.359	0.21
142.3	6.98	1.37	43.374	0.42
142.35	7.49	0.59	43.39	0.18
142.4	6.75	0.62	43.405	0.19

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
142.45	6.37	1.42	43.42	0.43
142.5	5.69	0.98	43.435	0.3
142.55	6.34	2.31	43.45	0.7
142.6	6.67	1.94	43.466	0.59
142.65	6.34	0.72	43.481	0.22
142.7	7.17	1.58	43.496	0.48
142.75	7.58	1.68	43.511	0.51
142.8	7.29	1.67	43.527	0.51
142.85	7.15	3.78	43.542	1.15
142.9	6.57	1.38	43.557	0.42
142.95	6.29	3.38	43.572	1.03
143	6.14	2.11	43.588	0.64
143.05	6.07	1.19	43.603	0.36
143.1	6.04	0.51	43.618	0.16
143.15	6.52	1.36	43.633	0.42
143.2	6.26	0.43	43.649	0.13
143.25	6.13	0.69	43.664	0.21
143.3	6.06	0.67	43.679	0.2
143.35	6.53	0.65	43.694	0.2
143.4	6.27	0.57	43.71	0.17
143.45	6.13	0.72	43.725	0.22
143.5	6.07	0.71	43.74	0.22
143.55	6.03	0.45	43.755	0.14
143.6	6.52	1.61	43.771	0.49
143.65	6.76	0.41	43.786	0.13
143.7	6.38	1.52	43.801	0.46
143.75	6.19	0.42	43.816	0.13
143.8	5.59	0.59	43.832	0.18

US EPA ARCHIVE DOCUMENT

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
LOG START TIME: Sun Jun 08 2008 00:38

LOG END DEPTH: 170.306 FEET

LOG END TIME: Sun Jun 08 2008 06:29

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
0	1	3.68	0	1.12
0.05	2	12.03	0.015	3.67
0.1	1.5	8.88	0.03	2.71
0.15	2.25	10.54	0.046	3.21
0.2	3.62	11.56	0.061	3.52
0.25	3.81	11.93	0.076	3.64
0.3	4.41	12.75	0.091	3.89
0.35	10.2	7.23	0.107	2.2
0.4	11.6	9.2	0.122	2.8
0.45	9.8	10.28	0.137	3.13
0.5	11.4	11.64	0.152	3.55
0.55	9.2	10.59	0.168	3.23
0.6	11.6	10.93	0.183	3.33
0.65	12.8	8.56	0.198	2.61
0.7	14.4	6.42	0.213	1.96
0.75	18.2	9.98	0.229	3.04
0.8	13.1	11.44	0.244	3.49
0.85	14.55	8.78	0.259	2.68
0.9	15.78	9.33	0.274	2.84
0.95	20.89	11.19	0.29	3.41
1	22.94	12.19	0.305	3.72
1.05	37.97	10.67	0.32	3.25
1.1	28.49	10.69	0.335	3.26
1.15	19.74	8.37	0.351	2.55
1.2	23.37	8.98	0.366	2.74
1.25	29.19	7.31	0.381	2.23
1.3	46.59	6.42	0.396	1.96
1.35	44.3	6.59	0.411	2.01
1.4	52.15	6.87	0.427	2.09
1.45	55.07	6.28	0.442	1.91
1.5	42.04	7.16	0.457	2.18
1.55	48.52	6.91	0.472	2.11
1.6	41.76	7.32	0.488	2.23
1.65	41.38	9.28	0.503	2.83
1.7	59.69	9.09	0.518	2.77
1.75	64.84	7.21	0.533	2.2
1.8	55.92	7.65	0.549	2.33
1.85	34.46	7.74	0.564	2.36
1.9	22.73	7.15	0.579	2.18
1.95	16.87	7.73	0.594	2.35
2	14.93	6.42	0.61	1.96
2.05	190.47	7.13	0.625	2.17
2.1	153.23	6.31	0.64	1.92
2.15	76.62	6.79	0.655	2.07

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
2.2	142.31	6.22	0.671	1.9
2.25	140.65	6.12	0.686	1.87
2.3	208.33	4.8	0.701	1.46
2.35	104.16	5.03	0.716	1.53
2.4	52.08	4.02	0.732	1.23
2.45	36.54	3.14	0.747	0.96
2.5	41.77	3.94	0.762	1.2
2.55	203.89	2.96	0.777	0.9
2.6	154.44	2.06	0.792	0.63
2.65	78.22	7.64	0.808	2.33
2.7	51.61	3.88	0.823	1.18
2.75	26.31	6.53	0.838	1.99
2.8	16.15	5.75	0.853	1.75
2.85	11.08	8.63	0.869	2.63
2.9	15.04	6.51	0.884	1.99
2.95	22.02	6.97	0.899	2.12
3	11.51	6.96	0.914	2.12
3.05	6.25	8.63	0.93	2.63
3.1	26.63	8.37	0.945	2.55
3.15	33.31	7.46	0.96	2.27
3.2	33.66	7.85	0.975	2.39
3.25	22.33	8.79	0.991	2.68
3.3	21.66	7.61	1.006	2.32
3.35	29.83	6.86	1.021	2.09
3.4	51.42	8.49	1.036	2.59
3.45	43.21	8.01	1.052	2.44
3.5	72.6	7.13	1.067	2.17
3.55	47.3	10.26	1.082	3.13
3.6	50.15	5.17	1.097	1.57
3.65	102.58	6.22	1.113	1.9
3.7	54.79	9.71	1.128	2.96
3.75	33.39	7.99	1.143	2.44
3.8	21.2	7.33	1.158	2.23
3.85	15.6	5.81	1.173	1.77
3.9	10.8	8.26	1.189	2.52
3.95	9.9	6.22	1.204	1.9
4	7.45	8.26	1.219	2.52
4.05	9.22	7.48	1.234	2.28
4.1	14.11	8.85	1.25	2.7
4.15	14.06	8.24	1.265	2.51
4.2	8.03	10.68	1.28	3.25
4.25	8.51	7.08	1.295	2.16
4.3	209.76	10.04	1.311	3.06
4.35	104.88	7.89	1.326	2.4
4.4	53.94	8.01	1.341	2.44
4.45	28.97	8.06	1.356	2.46
4.5	19.48	10.02	1.372	3.06
4.55	29.24	7.64	1.387	2.33
4.6	130.12	7.31	1.402	2.23
4.65	292.56	8.46	1.417	2.58
4.7	155.78	6.86	1.433	2.09
4.75	84.89	6.91	1.448	2.11
4.8	59.45	8.21	1.463	2.5
4.85	43.22	5.37	1.478	1.64
4.9	47.61	4.04	1.494	1.23
4.95	81.81	6.2	1.509	1.89
5	102.9	4.84	1.524	1.47
5.05	136.45	5.87	1.539	1.79
5.1	132.23	5.48	1.554	1.67
5.15	102.61	6.46	1.57	1.97
5.2	166.81	6.84	1.585	2.08
5.25	198.9	7.43	1.6	2.26

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
5.3	176.95	6.58	1.615	2.01
5.35	203.98	6.64	1.631	2.02
5.4	194.49	6.87	1.646	2.09
5.45	161.24	6.86	1.661	2.09
5.5	144.62	6.31	1.676	1.92
5.55	321.81	8.89	1.692	2.71
5.6	203.41	6.38	1.707	1.95
5.65	152.7	6.03	1.722	1.84
5.7	168.85	7.19	1.737	2.19
5.75	153.93	7.93	1.753	2.42
5.8	175.46	5.47	1.768	1.67
5.85	152.73	8.04	1.783	2.45
5.9	153.87	7.17	1.798	2.19
5.95	123.43	5.01	1.814	1.53
6	154.22	5.05	1.829	1.54
6.05	226.61	6.67	1.844	2.03
6.1	198.3	4.77	1.859	1.45
6.15	141.65	4.32	1.875	1.32
6.2	342.33	6.16	1.89	1.88
6.25	309.16	5.83	1.905	1.78
6.3	247.08	5.54	1.92	1.69
6.35	417.04	5.11	1.935	1.56
6.4	346.52	5.25	1.951	1.6
6.45	299.76	4.7	1.966	1.43
6.5	166.88	5.83	1.981	1.78
6.55	102.94	6.21	1.996	1.89
6.6	61.97	4.97	2.012	1.52
6.65	94.99	6.28	2.027	1.91
6.7	196.99	5.04	2.042	1.54
6.75	259	3.4	2.057	1.04
6.8	139.5	5.28	2.073	1.61
6.85	98.75	4.72	2.088	1.44
6.9	175.87	5.19	2.103	1.58
6.95	225.94	6.2	2.118	1.89
7	5062.97	6.29	2.134	1.92
7.05	2824.98	4.58	2.149	1.4
7.1	1705.99	5.92	2.164	1.81
7.15	957	4.33	2.179	1.32
7.2	478.5	7.59	2.195	2.31
7.25	399.75	5.87	2.21	1.79
7.3	315.37	5.7	2.225	1.74
7.35	250.19	5.34	2.24	1.63
7.4	263.09	4.8	2.256	1.46
7.45	314.55	5.11	2.271	1.56
7.5	265.27	4.91	2.286	1.5
7.55	426.14	4.33	2.301	1.32
7.6	294.07	4.03	2.316	1.23
7.65	149.03	7	2.332	2.13
7.7	75.52	2.82	2.347	0.86
7.75	40.26	5.17	2.362	1.58
7.8	25.63	5.94	2.377	1.81
7.85	173.31	6.62	2.393	2.02
7.9	171.66	8.32	2.408	2.54
7.95	201.33	7.94	2.423	2.42
8	185.66	6.06	2.438	1.85
8.05	230.83	12.25	2.454	3.73
8.1	200.42	8.73	2.469	2.66
8.15	249.71	7.06	2.484	2.15
8.2	274.35	8.09	2.499	2.47
8.25	408.68	9.17	2.515	2.79
8.3	353.84	9.03	2.53	2.75
8.35	261.92	7.76	2.545	2.37

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DATA FILE

depth (ft)	cond	rate (ft/m)	metric depth	metric rate
8.4	206.46	8.78	2.56	2.68
8.45	188.23	12.12	2.576	3.69
8.5	186.61	10.59	2.591	3.23
8.55	185.81	11.18	2.606	3.41
8.6	150.9	10.99	2.621	3.35
8.65	213.45	8.85	2.637	2.7
8.7	233.23	10.35	2.652	3.15
8.75	232.11	7.68	2.667	2.34
8.8	288.06	10.04	2.682	3.06
8.85	229.03	5.65	2.697	1.72
8.9	199.51	8.84	2.713	2.69
8.95	169.26	6.73	2.728	2.05
9	177.13	9.3	2.743	2.83
9.05	173.56	9.91	2.758	3.02
9.1	164.28	8.39	2.774	2.56
9.15	208.64	9.35	2.789	2.85
9.2	162.32	7.53	2.804	2.3
9.25	173.66	7.7	2.819	2.35
9.3	202.33	7.04	2.835	2.15
9.35	153.67	8.16	2.85	2.49
9.4	282.33	6.24	2.865	1.9
9.45	197.17	6.91	2.88	2.11
9.5	225.08	8.45	2.896	2.58
9.55	182.04	7.5	2.911	2.29
9.6	217.52	5.95	2.926	1.81
9.65	380.26	6.98	2.941	2.13
9.7	439.63	7.07	2.957	2.15
9.75	513.32	6.64	2.972	2.02
9.8	256.66	6.01	2.987	1.83
9.85	355.83	5.7	3.002	1.74
9.9	315.91	6.36	3.018	1.94
9.95	472.96	6.79	3.033	2.07
10	287.48	5.65	3.048	1.72
10.05	228.74	5.84	3.063	1.78
10.1	341.87	4.36	3.078	1.33
10.15	228.93	5.49	3.094	1.67
10.2	240.97	5.08	3.109	1.55
10.25	235.98	5.66	3.124	1.73
10.3	244.49	7.09	3.139	2.16
10.35	248.75	5.96	3.155	1.82
10.4	188.37	6.62	3.17	2.02
10.45	299.69	6.13	3.185	1.87
10.5	219.34	5.71	3.2	1.74
10.55	171.67	6.11	3.216	1.86
10.6	291.34	6.13	3.231	1.87
10.65	261.17	6.56	3.246	2
10.7	358.08	5.82	3.261	1.77
10.75	362.04	9.58	3.277	2.92
10.8	307.52	7.73	3.292	2.36
10.85	280.26	7.31	3.307	2.23
10.9	244.13	10.19	3.322	3.11
10.95	226.07	10.72	3.338	3.27
11	362.53	9.28	3.353	2.83
11.05	5131.27	8.11	3.368	2.47
11.1	2793.13	8.68	3.383	2.65
11.15	1451.07	7.56	3.399	2.3
11.2	841.03	9.29	3.414	2.83
11.25	482.52	7.93	3.429	2.42
11.3	333.76	7.48	3.444	2.28
11.35	349.88	7.4	3.459	2.26
11.4	380.44	10.05	3.475	3.06
11.45	282.72	8.34	3.49	2.54

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
11.5	233.86	8.35	3.505	2.55
11.55	299.93	8.04	3.52	2.45
11.6	253.96	9.05	3.536	2.76
11.65	230.98	7.69	3.551	2.34
11.7	156.49	8.47	3.566	2.58
11.75	170.75	8.16	3.581	2.49
11.8	143.37	7.58	3.597	2.31
11.85	133.69	7.33	3.612	2.24
11.9	113.34	7.8	3.627	2.38
11.95	172.17	8.45	3.642	2.58
12	140.59	8.26	3.658	2.52
12.05	139.79	9.02	3.673	2.75
12.1	185.4	9.78	3.688	2.98
12.15	162.2	8.89	3.703	2.71
12.2	143.1	7.12	3.719	2.17
12.25	126.05	5.01	3.734	1.53
12.3	155.52	2.94	3.749	0.9
12.35	118.76	4.1	3.764	1.25
12.4	91.88	4.03	3.78	1.23
12.45	92.44	4.18	3.795	1.27
12.5	108.22	7.74	3.81	2.36
12.55	100.61	4.61	3.825	1.4
12.6	96.81	4.51	3.84	1.37
12.65	110.4	10.88	3.856	3.32
12.7	92.7	5.66	3.871	1.73
12.75	92.85	7.7	3.886	2.35
12.8	83.93	7.75	3.901	2.36
12.85	96.46	10.96	3.917	3.34
12.9	125.73	7.05	3.932	2.15
12.95	109.37	7.32	3.947	2.23
13	109.18	7.39	3.962	2.25
13.05	170.09	8.52	3.978	2.6
13.1	154.55	7.37	3.993	2.25
13.15	260.27	11.22	4.008	3.42
13.2	176.64	8.98	4.023	2.74
13.25	123.32	12.06	4.039	3.67
13.3	123.66	8.74	4.054	2.66
13.35	108.33	10.52	4.069	3.21
13.4	169.66	6.61	4.084	2.01
13.45	146.83	11.15	4.1	3.4
13.5	119.92	7.76	4.115	2.37
13.55	97.46	7.9	4.13	2.41
13.6	95.23	7.37	4.145	2.25
13.65	94.11	6.91	4.161	2.11
13.7	93.56	6.63	4.176	2.02
13.75	81.78	6.36	4.191	1.94
13.8	102.89	7.94	4.206	2.42
13.85	109.44	7.35	4.221	2.24
13.9	116.72	7.17	4.237	2.18
13.95	104.86	5.51	4.252	1.68
14	114.43	7.69	4.267	2.35
14.05	96.22	4.28	4.282	1.3
14.1	85.61	5.29	4.298	1.61
14.15	95.3	4.13	4.313	1.26
14.2	88.65	6	4.328	1.83
14.25	90.83	4.37	4.343	1.33
14.3	130.41	7.25	4.359	2.21
14.35	102.71	5.71	4.374	1.74
14.4	103.85	5.72	4.389	1.74
14.45	98.43	5.77	4.404	1.76
14.5	118.71	7.71	4.42	2.35
14.55	98.36	7.44	4.435	2.27

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
14.6	107.18	5.26	4.45	1.6
14.65	123.09	6.16	4.465	1.88
14.7	114.04	8.9	4.481	2.71
14.75	138.02	7.04	4.496	2.15
14.8	110.01	7.38	4.511	2.25
14.85	101.51	5.92	4.526	1.8
14.9	120.25	6.44	4.542	1.96
14.95	97.63	6.59	4.557	2.01
15	112.81	4.77	4.572	1.45
15.05	102.91	6.42	4.587	1.96
15.1	105.95	3.99	4.602	1.21
15.15	99.48	4.56	4.618	1.39
15.2	119.24	3.8	4.633	1.16
15.25	100.62	3.95	4.648	1.2
15.3	119.81	5.12	4.663	1.56
15.35	100.9	4.72	4.679	1.44
15.4	92.45	4.98	4.694	1.52
15.45	100.73	3.77	4.709	1.15
15.5	96.86	3.79	4.724	1.16
15.55	163.93	6.9	4.74	2.1
15.6	134.47	4.84	4.755	1.48
15.65	104.73	4.91	4.77	1.5
15.7	114.37	5.08	4.785	1.55
15.75	126.68	7.09	4.801	2.16
15.8	109.84	6.25	4.816	1.9
15.85	107.42	7.93	4.831	2.42
15.9	117.71	5.45	4.846	1.66
15.95	105.36	6.42	4.862	1.96
16	105.18	6.59	4.877	2.01
16.05	122.09	6.89	4.892	2.1
16.1	102.04	7.9	4.907	2.41
16.15	128.52	6.42	4.923	1.96
16.2	116.76	6.78	4.938	2.07
16.25	100.38	5.56	4.953	1.7
16.3	102.69	5.62	4.968	1.71
16.35	97.85	6.62	4.983	2.02
16.4	103.42	6.29	4.999	1.92
16.45	106.21	5.89	5.014	1.79
16.5	145.61	6.62	5.029	2.02
16.55	153.8	5.88	5.044	1.79
16.6	123.4	7.74	5.06	2.36
16.65	94.2	6.03	5.075	1.84
16.7	75.1	6.13	5.09	1.87
16.75	57.55	5.8	5.105	1.77
16.8	57.78	5.87	5.121	1.79
16.85	61.39	6.12	5.136	1.86
16.9	85.19	7.23	5.151	2.2
16.95	89.1	7.03	5.166	2.14
17	91.05	6.81	5.182	2.08
17.05	107.52	6.24	5.197	1.9
17.1	81.76	6.62	5.212	2.02
17.15	64.38	6.04	5.227	1.84
17.2	78.69	5.73	5.243	1.75
17.25	80.35	6.23	5.258	1.9
17.3	77.67	7.12	5.273	2.17
17.35	108.34	6.38	5.288	1.95
17.4	95.17	6.29	5.304	1.92
17.45	102.08	6.75	5.319	2.06
17.5	103.54	6.65	5.334	2.03
17.55	104.27	0.97	5.349	0.3
17.6	87.14	2.02	5.364	0.62
17.65	74.57	7.48	5.38	2.28

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
17.7	74.78	3.9	5.395	1.19
17.75	69.89	5.28	5.41	1.61
17.8	89.45	4.45	5.425	1.36
17.85	85.72	6.38	5.441	1.94
17.9	95.36	6.78	5.456	2.07
17.95	109.68	6.65	5.471	2.03
18	85.84	5.47	5.486	1.67
18.05	84.92	5.48	5.502	1.67
18.1	83.46	5.51	5.517	1.68
18.15	96.23	6.16	5.532	1.88
18.2	89.12	5.88	5.547	1.79
18.25	79.56	7.76	5.563	2.36
18.3	92.28	5.9	5.578	1.8
18.35	88.14	5.13	5.593	1.56
18.4	80.57	5.65	5.608	1.72
18.45	82.28	7.3	5.624	2.22
18.5	93.64	6.62	5.639	2.02
18.55	87.82	6.33	5.654	1.93
18.6	85.91	5.55	5.669	1.69
18.65	83.96	6.15	5.685	1.88
18.7	65.48	6.08	5.7	1.85
18.75	70.24	4.89	5.715	1.49
18.8	112.62	7.07	5.73	2.16
18.85	102.81	6.39	5.745	1.95
18.9	109.4	6.79	5.761	2.07
18.95	96.7	4.98	5.776	1.52
19	100.85	5.81	5.791	1.77
19.05	102.93	4.71	5.806	1.44
19.1	83.96	5.86	5.822	1.79
19.15	83.98	5.29	5.837	1.61
19.2	88.49	4.83	5.852	1.47
19.25	81.75	6.18	5.867	1.88
19.3	68.87	7.44	5.883	2.27
19.35	111.94	6.94	5.898	2.11
19.4	94.97	5.57	5.913	1.7
19.45	82.48	5.13	5.928	1.56
19.5	87.74	5.51	5.944	1.68
19.55	105.87	5.77	5.959	1.76
19.6	108.94	5.2	5.974	1.58
19.65	131.97	4.37	5.989	1.33
19.7	93.48	7.9	6.005	2.41
19.75	74.74	4.14	6.02	1.26
19.8	74.87	6.67	6.035	2.03
19.85	69.94	5.54	6.05	1.69
19.9	73.97	6.39	6.066	1.95
19.95	78.98	6.42	6.081	1.96
20	101.49	4.93	6.096	1.5
20.05	105.25	5.93	6.111	1.81
20.1	85.12	4.81	6.126	1.47
20.15	84.56	6.69	6.142	2.04
20.2	74.78	5.45	6.157	1.66
20.25	72.39	5.66	6.172	1.72
20.3	59.7	5.34	6.187	1.63
20.35	70.85	6.36	6.203	1.94
20.4	76.42	7.3	6.218	2.22
20.45	107.71	5.17	6.233	1.58
20.5	86.36	5.35	6.248	1.63
20.55	80.68	6	6.264	1.83
20.6	86.84	6.1	6.279	1.86
20.65	89.92	5.39	6.294	1.64
20.7	91.46	5.77	6.309	1.76
20.75	92.23	7.07	6.325	2.15

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20.8	88.11	6.97	6.34	2.13
20.85	67.56	5.1	6.355	1.55
20.9	61.28	6.11	6.37	1.86
20.95	54.14	6.92	6.386	2.11
21	66.07	6.69	6.401	2.04
21.05	65.53	7.08	6.416	2.16
21.1	73.77	6.95	6.431	2.12
21.15	69.38	7.15	6.447	2.18
21.2	65.69	6.26	6.462	1.91
21.25	49.85	6.52	6.477	1.99
21.3	52.92	5.53	6.492	1.69
21.35	54.46	6.01	6.507	1.83
21.4	73.73	6.94	6.523	2.12
21.45	78.87	5.75	6.538	1.75
21.5	70.43	5.47	6.553	1.67
21.55	112.72	5.53	6.568	1.68
21.6	95.36	6.45	6.584	1.97
21.65	89.68	6.53	6.599	1.99
21.7	68.34	6.87	6.614	2.09
21.75	76.17	5.95	6.629	1.81
21.8	80.08	5.93	6.645	1.81
21.85	79.04	7.76	6.66	2.37
21.9	59.02	6.4	6.675	1.95
21.95	76.01	6.18	6.69	1.88
22	65.51	6.4	6.706	1.95
22.05	49.75	6.75	6.721	2.06
22.1	62.38	6.29	6.736	1.92
22.15	72.19	6.66	6.751	2.03
22.2	82.59	6.47	6.767	1.97
22.25	69.3	6.92	6.782	2.11
22.3	72.15	6.37	6.797	1.94
22.35	82.57	6.12	6.812	1.87
22.4	92.29	6.89	6.828	2.1
22.45	78.64	5.54	6.843	1.69
22.5	67.32	4.95	6.858	1.51
22.55	61.16	3.21	6.873	0.98
22.6	58.08	3.32	6.888	1.01
22.65	55.54	5.08	6.904	1.55
22.7	55.27	4.15	6.919	1.27
22.75	62.64	5.27	6.934	1.61
22.8	57.82	5.03	6.949	1.53
22.85	55.41	8.98	6.965	2.74
22.9	68.7	7.56	6.98	2.3
22.95	70.85	5.75	6.995	1.75
23	62.93	6.61	7.01	2.01
23.05	51.96	7.36	7.026	2.24
23.1	63.48	6.25	7.041	1.9
23.15	68.24	6.7	7.056	2.04
23.2	92.12	7.06	7.071	2.15
23.25	81.06	7.69	7.087	2.34
23.3	64.03	6.33	7.102	1.93
23.35	55.52	8.61	7.117	2.62
23.4	55.26	6.79	7.132	2.07
23.45	47.63	7.63	7.148	2.33
23.5	47.31	7.16	7.163	2.18
23.55	65.66	11.36	7.178	3.46
23.6	62.83	7.71	7.193	2.35
23.65	51.41	7.45	7.208	2.27
23.7	46.71	6.21	7.224	1.89
23.75	49.85	6.06	7.239	1.85
23.8	43.43	5.78	7.254	1.76
23.85	50.71	5.15	7.269	1.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
23.9	60.36	7.37	7.285	2.24
23.95	53.68	4.54	7.3	1.38
24	63.34	5.63	7.315	1.72
24.05	51.17	4.99	7.33	1.52
24.1	72.08	6.35	7.346	1.94
24.15	59.54	5.71	7.361	1.74
24.2	60.77	5.91	7.376	1.8
24.25	60.39	5.8	7.391	1.77
24.3	67.69	4.97	7.407	1.51
24.35	53.35	5.35	7.422	1.63
24.4	53.17	6.44	7.437	1.96
24.45	43.59	5.9	7.452	1.8
24.5	48.29	8.33	7.468	2.54
24.55	55.15	6.45	7.483	1.97
24.6	97.07	4.61	7.498	1.41
24.65	82.04	6.59	7.513	2.01
24.7	73.52	5.18	7.529	1.58
24.75	69.26	6.16	7.544	1.88
24.8	58.13	6.47	7.559	1.97
24.85	71.06	5.06	7.574	1.54
24.9	66.53	6.02	7.589	1.83
24.95	75.77	7.03	7.605	2.14
25	57.88	5.51	7.62	1.68
25.05	61.44	6.13	7.635	1.87
25.1	54.22	6.04	7.65	1.84
25.15	50.61	5.74	7.666	1.75
25.2	40.81	4.59	7.681	1.4
25.25	66.9	5.73	7.696	1.75
25.3	74.45	5.87	7.711	1.79
25.35	72.23	5.47	7.727	1.67
25.4	68.61	5.05	7.742	1.54
25.45	57.81	6.16	7.757	1.88
25.5	52.4	6.21	7.772	1.89
25.55	63.7	5.77	7.788	1.76
25.6	64.35	6.47	7.803	1.97
25.65	51.68	5.78	7.818	1.76
25.7	53.84	5.91	7.833	1.8
25.75	77.92	7.39	7.849	2.25
25.8	58.96	4.29	7.864	1.31
25.85	52.98	6.2	7.879	1.89
25.9	54.49	4.03	7.894	1.23
25.95	59.74	5.64	7.91	1.72
26	57.37	5.4	7.925	1.64
26.05	52.19	3.94	7.94	1.2
26.1	72.59	5.8	7.955	1.77
26.15	117.3	5.8	7.97	1.77
26.2	139.65	4.22	7.986	1.29
26.25	104.82	4.58	8.001	1.4
26.3	121.91	5.25	8.016	1.6
26.35	130.46	4.8	8.031	1.46
26.4	111.73	5.28	8.047	1.61
26.45	117.86	3.69	8.062	1.12
26.5	97.93	5.36	8.077	1.64
26.55	106.97	3.34	8.092	1.02
26.6	134.48	4.29	8.108	1.31
26.65	109.24	4.4	8.123	1.34
26.7	83.62	3.61	8.138	1.1
26.75	74.31	5.72	8.153	1.74
26.8	152.66	3.93	8.169	1.2
26.85	111.33	4.18	8.184	1.27
26.9	125.16	4.68	8.199	1.43
26.95	140.08	3.81	8.214	1.16

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
27	116.54	5.62	8.23	1.71
27.05	139.27	4.5	8.245	1.37
27.1	139.14	4.37	8.26	1.33
27.15	139.07	4.8	8.275	1.46
27.2	116.03	4.79	8.291	1.46
27.25	120.02	4.34	8.306	1.32
27.3	118.01	4.96	8.321	1.51
27.35	88	4.58	8.336	1.4
27.4	108	5.01	8.351	1.53
27.45	146.5	5.3	8.367	1.62
27.5	154.25	4.2	8.382	1.28
27.55	116.13	4.68	8.397	1.43
27.6	93.06	3.61	8.412	1.1
27.65	108.53	6.1	8.428	1.86
27.7	259.77	3.9	8.443	1.19
27.75	176.38	4.18	8.458	1.28
27.8	226.19	4.5	8.473	1.37
27.85	142.1	4.88	8.489	1.49
27.9	133.05	5.46	8.504	1.66
27.95	113.02	3.76	8.519	1.15
28	103.01	3.58	8.534	1.09
28.05	113.51	6.03	8.55	1.84
28.1	97.75	4.31	8.565	1.31
28.15	83.88	5.84	8.58	1.78
28.2	76.94	3.87	8.595	1.18
28.25	107.97	5.9	8.611	1.8
28.3	100.48	4.85	8.626	1.48
28.35	89.24	7.35	8.641	2.24
28.4	114.12	4.97	8.656	1.51
28.45	80.56	7.39	8.672	2.25
28.5	59.28	4.57	8.687	1.39
28.55	84.14	5.28	8.702	1.61
28.6	83.07	3.81	8.717	1.16
28.65	60.54	5.41	8.732	1.65
28.7	65.27	4.41	8.748	1.34
28.75	65.13	4.21	8.763	1.28
28.8	79.07	4.5	8.778	1.37
28.85	78.53	8.01	8.793	2.44
28.9	67.27	4.79	8.809	1.46
28.95	53.13	4.25	8.824	1.3
29	96.07	4.74	8.839	1.44
29.05	89.03	3.33	8.854	1.02
29.1	99.02	4.51	8.87	1.38
29.15	73.01	2.71	8.885	0.83
29.2	74	4.9	8.9	1.49
29.25	56	4.26	8.915	1.3
29.3	63	4.78	8.931	1.46
29.35	64	4.05	8.946	1.23
29.4	67	5.61	8.961	1.71
29.45	57	4.55	8.976	1.39
29.5	39	4.64	8.992	1.41
29.55	29	4.29	9.007	1.31
29.6	25.5	5.11	9.022	1.56
29.65	24.75	4.38	9.037	1.33
29.7	26.38	7.64	9.053	2.33
29.75	41.19	4.21	9.068	1.28
29.8	55.59	5.33	9.083	1.63
29.85	46.8	3.77	9.098	1.15
29.9	64.4	5.62	9.113	1.71
29.95	78.7	4.12	9.129	1.26
30	131.85	5.93	9.144	1.81
30.05	89.42	4.39	9.159	1.34

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
30.1	106.71	6.08	9.174	1.85
30.15	107.86	4.32	9.19	1.32
30.2	106.43	4.41	9.205	1.34
30.25	82.21	5.23	9.22	1.59
30.3	80.11	5.57	9.235	1.7
30.35	63.55	3.73	9.251	1.14
30.4	62.78	3.76	9.266	1.15
30.45	66.39	3.13	9.281	0.95
30.5	79.69	3.48	9.296	1.06
30.55	72.35	4.58	9.312	1.39
30.6	55.67	4.14	9.327	1.26
30.65	56.84	3.88	9.342	1.18
30.7	51.92	3.19	9.357	0.97
30.75	63.46	4.83	9.373	1.47
30.8	66.73	3.31	9.388	1.01
30.85	64.36	4.03	9.403	1.23
30.9	71.18	3.28	9.418	1
30.95	59.09	2.89	9.434	0.88
31	70.55	2.43	9.449	0.74
31.05	81.77	2.95	9.464	0.9
31.1	64.39	3.36	9.479	1.02
31.15	51.69	3.61	9.494	1.1
31.2	53.35	3.47	9.51	1.06
31.25	42.17	3.21	9.525	0.98
31.3	33.59	3.71	9.54	1.13
31.35	25.79	5.06	9.555	1.54
31.4	23.4	4.62	9.571	1.41
31.45	22.7	4.45	9.586	1.36
31.5	20.35	3.44	9.601	1.05
31.55	16.67	4.38	9.616	1.34
31.6	16.34	2.64	9.632	0.81
31.65	15.17	2.86	9.647	0.87
31.7	13.58	3.06	9.662	0.93
31.75	15.29	2.64	9.677	0.8
31.8	14.15	3.3	9.693	1.01
31.85	19.57	3.44	9.708	1.05
31.9	20.29	3.08	9.723	0.94
31.95	16.64	3.06	9.738	0.93
32	20.82	2.93	9.754	0.89
32.05	17.91	3.54	9.769	1.08
32.1	21.96	2.58	9.784	0.79
32.15	20.98	3.48	9.799	1.06
32.2	23.49	2.86	9.814	0.87
32.25	32.74	2.04	9.83	0.62
32.3	33.87	3.03	9.845	0.92
32.35	51.94	2.31	9.86	0.7
32.4	38.97	2.53	9.875	0.77
32.45	28.48	3.98	9.891	1.21
32.5	22.74	4.7	9.906	1.43
32.55	17.87	4.41	9.921	1.34
32.6	17.94	11.16	9.936	3.4
32.65	15.97	5.41	9.952	1.65
32.7	19.98	6.01	9.967	1.83
32.75	18.49	4.22	9.982	1.29
32.8	21.75	4.62	9.997	1.41
32.85	25.87	6.44	10.013	1.96
32.9	25.94	4.25	10.028	1.3
32.95	23.47	4.24	10.043	1.29
33	26.73	2.22	10.058	0.68
33.05	23.37	4.7	10.074	1.43
33.1	21.68	2.68	10.089	0.82
33.15	27.34	3.8	10.104	1.16

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
33.2	30.67	4.03	10.119	1.23
33.25	29.84	8.35	10.135	2.55
33.3	32.42	4.9	10.15	1.49
33.35	25.71	4.03	10.165	1.23
33.4	30.35	4.29	10.18	1.31
33.45	27.18	7.09	10.195	2.16
33.5	33.09	3.79	10.211	1.15
33.55	32.04	5.72	10.226	1.74
33.6	33.52	4.82	10.241	1.47
33.65	33.26	6.92	10.256	2.11
33.7	32.13	5.42	10.272	1.65
33.75	36.07	4.69	10.287	1.43
33.8	34.53	6.65	10.302	2.03
33.85	31.27	4.78	10.317	1.46
33.9	29.63	5.69	10.333	1.73
33.95	26.82	7.62	10.348	2.32
34	25.41	3.87	10.363	1.18
34.05	24.7	6.49	10.378	1.98
34.1	20.85	4.17	10.394	1.27
34.15	22.43	5.74	10.409	1.75
34.2	22.21	4.35	10.424	1.33
34.25	21.61	3.96	10.439	1.21
34.3	26.3	4.22	10.455	1.29
34.35	24.15	3.16	10.47	0.96
34.4	31.08	4.12	10.485	1.26
34.45	27.54	3.67	10.5	1.12
34.5	23.77	4.36	10.516	1.33
34.55	20.38	4.88	10.531	1.49
34.6	23.69	4.14	10.546	1.26
34.65	21.85	4.08	10.561	1.24
34.7	21.92	6.65	10.576	2.03
34.75	19.96	4.02	10.592	1.23
34.8	20.98	4.04	10.607	1.23
34.85	25.49	3.32	10.622	1.01
34.9	25.25	4.16	10.637	1.27
34.95	23.62	3.72	10.653	1.13
35	23.81	3.82	10.668	1.16
35.05	28.41	4.32	10.683	1.32
35.1	28.7	6.88	10.698	2.1
35.15	23.35	3.87	10.714	1.18
35.2	17.68	5.55	10.729	1.69
35.25	14.34	4.92	10.744	1.5
35.3	12.67	3.58	10.759	1.09
35.35	12.83	4	10.775	1.22
35.4	11.92	3.27	10.79	1
35.45	12.96	3.8	10.805	1.16
35.5	10.98	5.19	10.82	1.58
35.55	13.49	3.5	10.836	1.07
35.6	13.24	3.73	10.851	1.14
35.65	10.12	4.41	10.866	1.34
35.7	10.56	3.73	10.881	1.14
35.75	11.78	4.51	10.897	1.37
35.8	10.89	3.91	10.912	1.19
35.85	9.95	4.3	10.927	1.31
35.9	10.97	3.85	10.942	1.17
35.95	10.49	4.56	10.957	1.39
36	11.24	4.2	10.973	1.28
36.05	15.12	6.15	10.988	1.88
36.1	12.06	4.23	11.003	1.29
36.15	14.03	3.86	11.018	1.18
36.2	14.02	5.36	11.034	1.63
36.25	12.51	3.84	11.049	1.17

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
36.3	12.25	3.8	11.064	1.16
36.35	13.13	5.02	11.079	1.53
36.4	14.56	3.75	11.095	1.14
36.45	13.28	5.72	11.11	1.74
36.5	12.64	4.18	11.125	1.27
36.55	12.32	5.91	11.14	1.8
36.6	13.66	4.84	11.156	1.48
36.65	12.83	3.71	11.171	1.13
36.7	12.92	3.78	11.186	1.15
36.75	11.96	5.23	11.201	1.59
36.8	11.48	4.31	11.217	1.31
36.85	10.74	6.3	11.232	1.92
36.9	8.87	4.81	11.247	1.47
36.95	8.93	3.95	11.262	1.2
37	7.97	4.78	11.278	1.46
37.05	8.98	3.68	11.293	1.12
37.1	5.99	4.06	11.308	1.24
37.15	5.5	5.21	11.323	1.59
37.2	4.25	3.49	11.338	1.06
37.25	3.62	4.8	11.354	1.46
37.3	4.31	3.31	11.369	1.01
37.35	3.66	5.1	11.384	1.55
37.4	3.33	3.2	11.399	0.97
37.45	4.16	4.7	11.415	1.43
37.5	5.08	7.55	11.43	2.3
37.55	5.04	8.21	11.445	2.5
37.6	5.52	8.45	11.46	2.57
37.65	5.26	4.98	11.476	1.52
37.7	6.13	8.64	11.491	2.63
37.75	8.57	5.99	11.506	1.82
37.8	8.78	9.62	11.521	2.93
37.85	8.39	6	11.537	1.83
37.9	6.2	4.85	11.552	1.48
37.95	7.6	5.84	11.567	1.78
38	12.8	3.99	11.582	1.22
38.05	15.9	6.56	11.598	2
38.1	18.95	4.62	11.613	1.41
38.15	15.97	4.46	11.628	1.36
38.2	26.99	4.4	11.643	1.34
38.25	25.49	4.41	11.659	1.34
38.3	22.25	5.47	11.674	1.67
38.35	25.62	6.02	11.689	1.84
38.4	28.31	5.44	11.704	1.66
38.45	29.66	7.74	11.719	2.36
38.5	42.33	5.96	11.735	1.82
38.55	31.66	5.82	11.75	1.77
38.6	30.83	5.22	11.765	1.59
38.65	29.92	6.49	11.78	1.98
38.7	30.46	5.45	11.796	1.66
38.75	22.73	5.08	11.811	1.55
38.8	23.36	5.03	11.826	1.53
38.85	22.18	6.42	11.841	1.96
38.9	21.09	5.06	11.857	1.54
38.95	18.55	5.56	11.872	1.69
39	20.27	5.03	11.887	1.53
39.05	18.64	6.06	11.902	1.85
39.1	18.82	4.71	11.918	1.44
39.15	32.91	6.17	11.933	1.88
39.2	31.95	4.8	11.948	1.46
39.25	21.48	3.91	11.963	1.19
39.3	19.24	5.76	11.979	1.75
39.35	15.12	4.32	11.994	1.32

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
39.4	13.06	5.6	12.009	1.71
39.45	12.53	4.95	12.024	1.51
39.5	11.26	5.34	12.04	1.63
39.55	8.63	6.26	12.055	1.91
39.6	8.32	5.98	12.07	1.82
39.65	7.16	5.43	12.085	1.65
39.7	6.58	5.34	12.1	1.63
39.75	6.79	5.21	12.116	1.59
39.8	7.89	6.14	12.131	1.87
39.85	8.45	6.26	12.146	1.91
39.9	13.22	5.9	12.161	1.8
39.95	15.11	6.52	12.177	1.99
40	18.56	6	12.192	1.83
40.05	15.78	5.39	12.207	1.64
40.1	17.39	6.97	12.222	2.12
40.15	16.19	5.46	12.238	1.67
40.2	15.1	6.57	12.253	2
40.25	19.55	5.82	12.268	1.77
40.3	21.77	6.41	12.283	1.95
40.35	23.89	6.54	12.299	1.99
40.4	18.94	5.79	12.314	1.77
40.45	12.47	6.25	12.329	1.9
40.5	10.24	5.89	12.344	1.8
40.55	10.12	5.63	12.36	1.72
40.6	12.06	5.57	12.375	1.7
40.65	21.53	5.57	12.39	1.7
40.7	23.76	5.79	12.405	1.77
40.75	23.88	5.77	12.42	1.76
40.8	21.94	6.05	12.436	1.84
40.85	19.47	6.2	12.451	1.89
40.9	17.74	5.96	12.466	1.82
40.95	15.87	6.77	12.481	2.06
41	11.43	5.77	12.497	1.76
41.05	11.72	6.18	12.512	1.88
41.1	12.86	6.73	12.527	2.05
41.15	13.43	6.05	12.542	1.84
41.2	12.21	6.39	12.558	1.95
41.25	12.61	5	12.573	1.52
41.3	12.8	5.84	12.588	1.78
41.35	15.4	6.06	12.603	1.85
41.4	14.2	6.41	12.619	1.95
41.45	17.6	6.19	12.634	1.89
41.5	19.3	5.84	12.649	1.78
41.55	26.15	5.68	12.664	1.73
41.6	23.08	5.86	12.68	1.79
41.65	21.04	6.69	12.695	2.04
41.7	19.02	6.52	12.71	1.99
41.75	16.01	5.94	12.725	1.81
41.8	21	6.51	12.741	1.99
41.85	18	5.41	12.756	1.65
41.9	14	5.69	12.771	1.74
41.95	12	5.72	12.786	1.74
42	14	5.55	12.801	1.69
42.05	17.5	5.69	12.817	1.73
42.1	29.75	5.06	12.832	1.54
42.15	28.38	5.53	12.847	1.69
42.2	22.19	5.3	12.862	1.62
42.25	19.59	5.89	12.878	1.8
42.3	17.3	5.46	12.893	1.66
42.35	18.65	5.09	12.908	1.55
42.4	16.82	4.58	12.923	1.4
42.45	14.91	6.07	12.939	1.85

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
42.5	13.46	6.1	12.954	1.86
42.55	11.23	6.95	12.969	2.12
42.6	10.61	4.5	12.984	1.37
42.65	10.31	7.29	13	2.22
42.7	9.65	5.59	13.015	1.7
42.75	9.83	7.38	13.03	2.25
42.8	13.41	5.69	13.045	1.73
42.85	15.21	7.06	13.061	2.15
42.9	18.1	4.41	13.076	1.35
42.95	17.55	6.89	13.091	2.1
43	14.28	5.97	13.106	1.82
43.05	11.14	5.41	13.122	1.65
43.1	8.57	3.42	13.137	1.04
43.15	9.28	4.64	13.152	1.41
43.2	9.14	4.25	13.167	1.29
43.25	8.07	6.34	13.182	1.93
43.3	12.54	5.11	13.198	1.56
43.35	14.77	4.4	13.213	1.34
43.4	14.38	4.05	13.228	1.23
43.45	13.69	5.49	13.243	1.67
43.5	9.85	4.28	13.259	1.31
43.55	9.42	6.03	13.274	1.84
43.6	8.71	4.01	13.289	1.22
43.65	8.86	8.51	13.304	2.59
43.7	9.43	4.69	13.32	1.43
43.75	9.71	4.11	13.335	1.25
43.8	9.36	3.59	13.35	1.09
43.85	10.68	8.39	13.365	2.56
43.9	9.34	4.15	13.381	1.26
43.95	8.17	4.93	13.396	1.5
44	9.58	6.13	13.411	1.87
44.05	8.79	5.76	13.426	1.75
44.1	7.4	4.26	13.442	1.3
44.15	8.2	4.8	13.457	1.46
44.2	6.1	4.91	13.472	1.5
44.25	5.55	2.91	13.487	0.89
44.3	5.27	6.08	13.503	1.85
44.35	5.14	3.91	13.518	1.19
44.4	5.07	4.12	13.533	1.26
44.45	4.53	4.1	13.548	1.25
44.5	4.77	4.6	13.563	1.4
44.55	8.38	5.37	13.579	1.64
44.6	11.19	4.97	13.594	1.51
44.65	12.6	4.95	13.609	1.51
44.7	14.3	6.15	13.624	1.87
44.75	14.65	4.91	13.64	1.5
44.8	13.32	5.16	13.655	1.57
44.85	12.16	4.34	13.67	1.32
44.9	14.58	5.32	13.685	1.62
44.95	12.29	4.56	13.701	1.39
45	15.15	5.15	13.716	1.57
45.05	15.07	4.73	13.731	1.44
45.1	16.54	3.83	13.746	1.17
45.15	18.27	4.63	13.762	1.41
45.2	21.13	5.5	13.777	1.67
45.25	24.07	7.37	13.792	2.25
45.3	17.53	6.69	13.807	2.04
45.35	19.77	4.64	13.823	1.42
45.4	19.38	4.13	13.838	1.26
45.45	16.19	4.51	13.853	1.38
45.5	19.1	6.89	13.868	2.1
45.55	20.05	5.73	13.884	1.75

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
45.6	22.02	4.93	13.899	1.5
45.65	22.01	4.73	13.914	1.44
45.7	25.01	4.63	13.929	1.41
45.75	22	5.26	13.944	1.6
45.8	22	5.42	13.96	1.65
45.85	21	4.56	13.975	1.39
45.9	25.5	6.53	13.99	1.99
45.95	25.75	5.87	14.005	1.79
46	25.88	5.66	14.021	1.72
46.05	23.94	5.43	14.036	1.65
46.1	30.47	5.16	14.051	1.57
46.15	28.23	4.91	14.066	1.5
46.2	29.12	4.56	14.082	1.39
46.25	30.06	4.7	14.097	1.43
46.3	30.53	3.92	14.112	1.19
46.35	28.26	3.75	14.127	1.14
46.4	26.13	4.76	14.143	1.45
46.45	25.07	4.44	14.158	1.35
46.5	28.03	4.64	14.173	1.42
46.55	27.02	5.07	14.188	1.54
46.6	32.51	5.17	14.204	1.58
46.65	33.75	7.54	14.219	2.3
46.7	29.88	4.76	14.234	1.45
46.75	32.44	4.27	14.249	1.3
46.8	39.72	4.92	14.265	1.5
46.85	40.86	5.01	14.28	1.53
46.9	33.43	5.01	14.295	1.53
46.95	32.21	4.09	14.31	1.25
47	29.61	5.66	14.325	1.73
47.05	31.3	5.15	14.341	1.57
47.1	28.65	4.82	14.356	1.47
47.15	18.33	5.64	14.371	1.72
47.2	19.16	4.76	14.386	1.45
47.25	19.58	4.21	14.402	1.28
47.3	22.79	4.39	14.417	1.34
47.35	24.9	5.97	14.432	1.82
47.4	27.95	4.29	14.447	1.31
47.45	27.97	1.32	14.463	0.4
47.5	21.99	5.15	14.478	1.57
47.55	21.49	5.64	14.493	1.72
47.6	20.75	4.14	14.508	1.26
47.65	22.87	5.67	14.524	1.73
47.7	17.94	8.62	14.539	2.63
47.75	19.47	4.95	14.554	1.51
47.8	24.73	6.79	14.569	2.07
47.85	25.37	6.9	14.585	2.1
47.9	27.68	4.54	14.6	1.38
47.95	26.84	5.38	14.615	1.64
48	26.42	10.64	14.63	3.24
48.05	30.71	6.77	14.646	2.06
48.1	36.86	3.93	14.661	1.2
48.15	30.43	4.48	14.676	1.37
48.2	31.71	3.81	14.691	1.16
48.25	36.86	5.69	14.706	1.74
48.3	31.93	5.2	14.722	1.59
48.35	42.46	5.86	14.737	1.79
48.4	38.73	6.18	14.752	1.88
48.45	37.87	6.46	14.767	1.97
48.5	33.43	4.9	14.783	1.49
48.55	40.22	5.19	14.798	1.58
48.6	46.61	5.39	14.813	1.64
48.65	40.8	6.6	14.828	2.01

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
48.7	43.9	5.25	14.844	1.6
48.75	59.45	6.1	14.859	1.86
48.8	62.23	4.63	14.874	1.41
48.85	72.11	5.1	14.889	1.55
48.9	59.56	4.95	14.905	1.51
48.95	49.28	5.39	14.92	1.64
49	42.14	4.3	14.935	1.31
49.05	56.07	5.67	14.95	1.73
49.1	41.03	5.46	14.966	1.66
49.15	44.02	5.3	14.981	1.62
49.2	50.01	5.42	14.996	1.65
49.25	62.5	3.82	15.011	1.16
49.3	66.25	5.24	15.026	1.6
49.35	56.63	4.1	15.042	1.25
49.4	55.81	4.29	15.057	1.31
49.45	65.41	4.57	15.072	1.39
49.5	52.2	6.03	15.087	1.84
49.55	54.1	7.57	15.103	2.31
49.6	54.55	5.78	15.118	1.76
49.65	47.78	5.27	15.133	1.61
49.7	61.39	5.84	15.148	1.78
49.75	54.19	6.13	15.164	1.87
49.8	50.6	5.43	15.179	1.65
49.85	44.8	5.37	15.194	1.64
49.9	54.9	6	15.209	1.83
49.95	42.95	5.74	15.225	1.75
50	41.47	9.21	15.24	2.81
50.05	47.24	5.33	15.255	1.62
50.1	47.12	5.34	15.27	1.63
50.15	47.06	5.13	15.286	1.56
50.2	39.03	5.58	15.301	1.7
50.25	40.01	4.78	15.316	1.46
50.3	33.51	4.71	15.331	1.44
50.35	35.25	5.84	15.347	1.78
50.4	36.13	4.94	15.362	1.51
50.45	35.56	5.75	15.377	1.75
50.5	33.28	3.86	15.392	1.18
50.55	40.14	5.36	15.407	1.63
50.6	33.07	4.66	15.423	1.42
50.65	31.04	4.4	15.438	1.34
50.7	35.52	4.44	15.453	1.35
50.75	41.26	4.85	15.468	1.48
50.8	38.13	4.66	15.484	1.42
50.85	42.56	4.89	15.499	1.49
50.9	34.28	4.08	15.514	1.24
50.95	36.64	4.95	15.529	1.51
51	38.32	4.81	15.545	1.47
51.05	32.16	4.66	15.56	1.42
51.1	29.08	5.55	15.575	1.69
51.15	27.54	5.52	15.59	1.68
51.2	27.27	4.63	15.606	1.41
51.25	27.64	4.36	15.621	1.33
51.3	26.82	4.16	15.636	1.27
51.35	24.41	6.8	15.651	2.07
51.4	27.2	5.15	15.667	1.57
51.45	26.1	5.22	15.682	1.59
51.5	28.05	4.27	15.697	1.3
51.55	22.03	4.38	15.712	1.34
51.6	23.51	4.28	15.728	1.3
51.65	24.26	4.89	15.743	1.49
51.7	22.13	5.33	15.758	1.62
51.75	25.06	5.59	15.773	1.7

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
51.8	25.03	5.16	15.788	1.57
51.85	29.02	4.44	15.804	1.35
51.9	24.51	3.35	15.819	1.02
51.95	24.25	3.11	15.834	0.95
52	40.13	4.12	15.849	1.26
52.05	66.56	3.38	15.865	1.03
52.1	193.78	3.4	15.88	1.04
52.15	279.89	3.48	15.895	1.06
52.2	209.45	4.03	15.91	1.23
52.25	166.72	3.77	15.926	1.15
52.3	198.86	4.4	15.941	1.34
52.35	138.43	3.85	15.956	1.17
52.4	274.72	4.7	15.971	1.43
52.45	218.36	5.61	15.987	1.71
52.5	109.18	6.1	16.002	1.86
52.55	101.09	3.9	16.017	1.19
52.6	97.04	7.59	16.032	2.31
52.65	118.02	4.9	16.048	1.49
52.7	242.01	3.5	16.063	1.07
52.75	121.01	7.74	16.078	2.36
52.8	60.5	4.15	16.093	1.26
52.85	84.75	4.98	16.109	1.52
52.9	157.88	2.92	16.124	0.89
52.95	159.94	4.3	16.139	1.31
53	172.47	6.07	16.154	1.85
53.05	155.73	4.46	16.169	1.36
53.1	158.87	3.12	16.185	0.95
53.15	217.43	3.55	16.2	1.08
53.2	201.22	1.55	16.215	0.47
53.25	238.61	3.29	16.23	1
53.3	142.8	2.35	16.246	0.72
53.35	106.4	3.11	16.261	0.95
53.4	85.7	2.82	16.276	0.86
53.45	95.35	7.42	16.291	2.26
53.5	74.18	2.69	16.307	0.82
53.55	91.59	2.97	16.322	0.9
53.6	123.29	2.87	16.337	0.87
53.65	73.65	4.93	16.352	1.5
53.7	48.82	2.66	16.368	0.81
53.75	37.91	1.32	16.383	0.4
53.8	29.96	1.92	16.398	0.58
53.85	25.98	2.14	16.413	0.65
53.9	20.49	1.58	16.429	0.48
53.95	20.74	2.22	16.444	0.68
54	24.87	1.91	16.459	0.58
54.05	27.94	2.25	16.474	0.69
54.1	32.97	1.61	16.49	0.49
54.15	25.98	4.56	16.505	1.39
54.2	27.99	1.72	16.52	0.52
54.25	24.5	2.1	16.535	0.64
54.3	24.25	2.18	16.55	0.67
54.35	18.62	1.37	16.566	0.42
54.4	19.31	1.82	16.581	0.56
54.45	17.16	0.56	16.596	0.17
54.5	15.08	1.77	16.611	0.54
54.55	15.54	2.88	16.627	0.88
54.6	18.77	1.67	16.642	0.51
54.65	24.88	1.64	16.657	0.5
54.7	30.94	2.03	16.672	0.62
54.75	36.47	1.84	16.688	0.56
54.8	29.24	2.45	16.703	0.75
54.85	27.62	2.13	16.718	0.65

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54.9	37.31	1.97	16.733	0.6
54.95	46.15	2.24	16.749	0.68
55	42.58	2.8	16.764	0.85
55.05	67.79	2.19	16.779	0.67
55.1	48.39	2.79	16.794	0.85
55.15	42.7	2.32	16.81	0.71
55.2	37.85	2.9	16.825	0.88
55.25	51.42	2.69	16.84	0.82
55.3	58.21	3.9	16.855	1.19
55.35	48.11	4.27	16.871	1.3
55.4	44.55	2.85	16.886	0.87
55.45	37.78	3.54	16.901	1.08
55.5	31.39	2.82	16.916	0.86
55.55	26.19	3.57	16.931	1.09
55.6	24.1	2.35	16.947	0.72
55.65	32.05	2.54	16.962	0.77
55.7	35.02	1.7	16.977	0.52
55.75	45.01	2.96	16.992	0.9
55.8	63.51	2.26	17.008	0.69
55.85	59.25	3.32	17.023	1.01
55.9	49.13	2.95	17.038	0.9
55.95	71.06	2.92	17.053	0.89
56	82.03	3.65	17.069	1.11
56.05	87.52	3.11	17.084	0.95
56.1	78.76	2.67	17.099	0.81
56.15	51.38	2.89	17.114	0.88
56.2	46.69	2.64	17.13	0.81
56.25	40.34	2.14	17.145	0.65
56.3	38.67	3.41	17.16	1.04
56.35	34.84	3.39	17.175	1.03
56.4	31.42	3.29	17.191	1
56.45	36.21	3.01	17.206	0.92
56.5	41.6	2.43	17.221	0.74
56.55	31.3	2.06	17.236	0.63
56.6	29.15	3.54	17.252	1.08
56.65	35.08	2.52	17.267	0.77
56.7	34.04	2.81	17.282	0.86
56.75	44.52	2.66	17.297	0.81
56.8	36.76	2.68	17.312	0.82
56.85	45.88	3.76	17.328	1.15
56.9	50.94	3.71	17.343	1.13
56.95	41.97	2.7	17.358	0.82
57	58.48	3.64	17.373	1.11
57.05	81.74	3.11	17.389	0.95
57.1	64.37	2.63	17.404	0.8
57.15	58.69	2.59	17.419	0.79
57.2	75.84	3.65	17.434	1.11
57.25	70.42	2.96	17.45	0.9
57.3	76.21	3.86	17.465	1.18
57.35	92.61	3.47	17.48	1.06
57.4	108.3	3.16	17.495	0.96
57.45	135.15	0.53	17.511	0.16
57.5	102.58	4.44	17.526	1.35
57.55	83.79	4.05	17.541	1.23
57.6	111.39	6.08	17.556	1.85
57.65	96.7	3.98	17.572	1.21
57.7	94.85	5.2	17.587	1.59
57.75	86.42	4.97	17.602	1.51
57.8	97.71	6.43	17.617	1.96
57.85	118.36	3.35	17.632	1.02
57.9	113.68	3.36	17.648	1.02
57.95	91.84	4.93	17.663	1.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
58	138.42	5.27	17.678	1.61
58.05	127.21	3.27	17.693	1
58.1	144.6	3.61	17.709	1.1
58.15	99.8	3.7	17.724	1.13
58.2	88.9	5.95	17.739	1.81
58.25	90.95	4.37	17.754	1.33
58.3	80.48	4.97	17.77	1.52
58.35	86.74	4.71	17.785	1.43
58.4	66.87	5.62	17.8	1.71
58.45	61.43	3.93	17.815	1.2
58.5	77.22	2.28	17.831	0.7
58.55	71.11	3.4	17.846	1.04
58.6	63.55	1.69	17.861	0.51
58.65	112.78	3.48	17.876	1.06
58.7	91.39	4.48	17.892	1.37
58.75	69.19	2.91	17.907	0.89
58.8	75.6	3.29	17.922	1
58.85	72.8	4.28	17.937	1.3
58.9	82.9	3.12	17.953	0.95
58.95	82.45	4.72	17.968	1.44
59	78.72	3.08	17.983	0.94
59.05	85.86	6.88	17.998	2.1
59.1	180.93	3.26	18.013	0.99
59.15	136.97	5.57	18.029	1.7
59.2	77.98	3.54	18.044	1.08
59.25	45.99	3.42	18.059	1.04
59.3	30.5	4.47	18.074	1.36
59.35	21.25	3.47	18.09	1.06
59.4	18.12	5.27	18.105	1.61
59.45	16.06	7.38	18.12	2.25
59.5	16.53	3.95	18.135	1.21
59.55	19.27	3.63	18.151	1.11
59.6	19.63	5.05	18.166	1.54
59.65	21.82	2.65	18.181	0.81
59.7	22.91	3.7	18.196	1.13
59.75	30.45	2.69	18.212	0.82
59.8	22.23	3.54	18.227	1.08
59.85	21.11	3	18.242	0.92
59.9	22.56	3.38	18.257	1.03
59.95	28.78	3.49	18.273	1.06
60	29.89	5.08	18.288	1.55
60.05	45.94	3.23	18.303	0.98
60.1	39.97	3.58	18.318	1.09
60.15	47.99	3.42	18.334	1.04
60.2	43.99	4.22	18.349	1.29
60.25	74.5	3.63	18.364	1.11
60.3	50.75	3.12	18.379	0.95
60.35	62.87	3.67	18.394	1.12
60.4	43.44	3.79	18.41	1.16
60.45	56.72	3.15	18.425	0.96
60.5	60.86	4.32	18.44	1.32
60.55	59.43	3.43	18.455	1.04
60.6	70.71	4.37	18.471	1.33
60.65	58.86	4.34	18.486	1.32
60.7	59.43	4.58	18.501	1.4
60.75	62.21	3.48	18.516	1.06
60.8	43.11	6.32	18.532	1.93
60.85	41.05	3.87	18.547	1.18
60.9	34.03	5.13	18.562	1.56
60.95	31.51	4.1	18.577	1.25
61	56.76	3.27	18.593	1
61.05	60.88	4	18.608	1.22

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61.1	57.94	2.62	18.623	0.8
61.15	48.97	3.43	18.638	1.04
61.2	43.98	4.76	18.654	1.45
61.25	42.49	3.23	18.669	0.98
61.3	52.25	2.84	18.684	0.87
61.35	54.12	4.52	18.699	1.38
61.4	64.56	3.13	18.715	0.96
61.45	78.78	3.07	18.73	0.94
61.5	62.89	4.59	18.745	1.4
61.55	72.45	4.4	18.76	1.34
61.6	67.22	3.31	18.775	1.01
61.65	57.11	4.3	18.791	1.31
61.7	45.56	4.16	18.806	1.27
61.75	46.28	4.83	18.821	1.47
61.8	40.64	3.16	18.836	0.96
61.85	37.82	5	18.852	1.52
61.9	31.91	3.49	18.867	1.07
61.95	39.45	3.8	18.882	1.16
62	33.73	3.51	18.897	1.07
62.05	23.86	2.78	18.913	0.85
62.1	22.93	2.05	18.928	0.62
62.15	21.97	1.77	18.943	0.54
62.2	18.48	2.11	18.958	0.64
62.25	23.24	3.86	18.974	1.18
62.3	20.62	2.66	18.989	0.81
62.35	18.31	2.68	19.004	0.82
62.4	30.66	3.67	19.019	1.12
62.45	24.33	5.4	19.035	1.65
62.5	26.16	6.07	19.05	1.85
62.55	21.58	2.73	19.065	0.83
62.6	20.79	6.98	19.08	2.13
62.65	23.4	4.15	19.096	1.26
62.7	26.7	6.22	19.111	1.89
62.75	25.35	3.94	19.126	1.2
62.8	20.67	3.26	19.141	0.99
62.85	14.34	4.28	19.156	1.3
62.9	18.17	3.51	19.172	1.07
62.95	19.08	4.3	19.187	1.31
63	17.54	8.57	19.202	2.61
63.05	21.77	4.7	19.217	1.43
63.1	20.89	6.18	19.233	1.88
63.15	16.94	3.1	19.248	0.95
63.2	23.47	4.77	19.263	1.45
63.25	20.74	3.4	19.278	1.04
63.3	25.37	5.17	19.294	1.58
63.35	33.68	3.23	19.309	0.98
63.4	25.34	6.47	19.324	1.97
63.45	23.17	3.41	19.339	1.04
63.5	26.09	4.98	19.355	1.52
63.55	23.04	3.07	19.37	0.94
63.6	24.02	4.52	19.385	1.38
63.65	18.51	4.5	19.4	1.37
63.7	18.76	2.66	19.416	0.81
63.75	16.38	2.88	19.431	0.88
63.8	11.19	3.89	19.446	1.19
63.85	8.59	2.92	19.461	0.89
63.9	9.8	2.31	19.477	0.71
63.95	7.4	3.3	19.492	1.01
64	6.7	2.19	19.507	0.67
64.05	7.85	3.57	19.522	1.09
64.1	7.92	2.77	19.537	0.84
64.15	8.96	3.48	19.553	1.06

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64.2	8.48	2.51	19.568	0.77
64.25	7.74	3.16	19.583	0.96
64.3	7.87	3.11	19.598	0.95
64.35	5.94	2.1	19.614	0.64
64.4	5.47	2.71	19.629	0.82
64.45	5.73	5.31	19.644	1.62
64.5	6.87	2.53	19.659	0.77
64.55	6.93	1.78	19.675	0.54
64.6	6.97	1.58	19.69	0.48
64.65	7.48	3.13	19.705	0.96
64.7	6.74	1.94	19.72	0.59
64.75	5.87	2.77	19.736	0.85
64.8	4.94	2.86	19.751	0.87
64.85	5.97	2.12	19.766	0.64
64.9	7.48	1.36	19.781	0.41
64.95	6.24	1.69	19.797	0.51
65	6.12	1.36	19.812	0.42
65.05	6.56	1.66	19.827	0.51
65.1	9.28	1.48	19.842	0.45
65.15	8.14	1.17	19.858	0.36
65.2	9.07	1.46	19.873	0.45
65.25	9.04	1.29	19.888	0.39
65.3	9.52	1.73	19.903	0.53
65.35	6.26	2.1	19.918	0.64
65.4	6.13	1.32	19.934	0.4
65.45	6.56	1.46	19.949	0.44
65.5	6.78	1.78	19.964	0.54
65.55	6.89	1.81	19.979	0.55
65.6	7.45	1.57	19.995	0.48
65.65	8.22	1.69	20.01	0.52
65.7	6.61	2.22	20.025	0.68
65.75	6.81	1.4	20.04	0.43
65.8	7.9	2.09	20.056	0.64
65.85	6.95	1.66	20.071	0.51
65.9	5.98	2.47	20.086	0.75
65.95	5.49	1.67	20.101	0.51
66	6.24	2.27	20.117	0.69
66.05	8.62	1.8	20.132	0.55
66.1	7.31	1.28	20.147	0.39
66.15	8.66	1.64	20.162	0.5
66.2	9.33	1.2	20.178	0.37
66.25	9.16	1.64	20.193	0.5
66.3	9.58	1.15	20.208	0.35
66.35	8.79	1.5	20.223	0.46
66.4	8.9	2.08	20.239	0.63
66.45	10.45	1.87	20.254	0.57
66.5	10.22	1.25	20.269	0.38
66.55	12.61	1.62	20.284	0.49
66.6	11.31	1.25	20.3	0.38
66.65	13.15	1.25	20.315	0.38
66.7	12.08	2.09	20.33	0.64
66.75	10.54	2.1	20.345	0.64
66.8	10.77	2.42	20.36	0.74
66.85	12.38	2.43	20.376	0.74
66.9	14.19	1.46	20.391	0.45
66.95	14.6	2.19	20.406	0.67
67	14.3	1.59	20.421	0.49
67.05	13.15	1.98	20.437	0.6
67.1	12.57	1.68	20.452	0.51
67.15	13.79	2.37	20.467	0.72
67.2	16.39	1.21	20.482	0.37
67.25	16.7	1.4	20.498	0.43

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67.3	17.85	1.98	20.513	0.6
67.35	16.92	1.99	20.528	0.61
67.4	21.46	2.04	20.543	0.62
67.45	18.73	1.22	20.559	0.37
67.5	17.87	2.94	20.574	0.9
67.55	15.43	3.02	20.589	0.92
67.6	16.72	2.63	20.604	0.8
67.65	18.86	1.11	20.62	0.34
67.7	19.43	2.05	20.635	0.63
67.75	18.21	0.91	20.65	0.28
67.8	16.61	4.6	20.665	1.4
67.85	15.8	3.72	20.681	1.13
67.9	12.4	1.7	20.696	0.52
67.95	11.2	2.06	20.711	0.63
68	9.1	4.35	20.726	1.33
68.05	10.05	2.27	20.742	0.69
68.1	8.03	4.41	20.757	1.34
68.15	8.01	3.17	20.772	0.96
68.2	7.51	4.55	20.787	1.39
68.25	7.75	1.81	20.802	0.55
68.3	7.38	3.4	20.818	1.04
68.35	7.69	1.56	20.833	0.48
68.4	6.84	1.32	20.848	0.4
68.45	5.92	2.32	20.863	0.71
68.5	5.46	2.62	20.879	0.8
68.55	6.23	1.77	20.894	0.54
68.6	8.12	1.43	20.909	0.44
68.65	10.06	1.71	20.924	0.52
68.7	10.03	0.86	20.94	0.26
68.75	10.51	1.82	20.955	0.56
68.8	10.76	1.58	20.97	0.48
68.85	10.38	2.04	20.985	0.62
68.9	9.69	0.66	21.001	0.2
68.95	8.84	1.15	21.016	0.35
69	8.92	0.67	21.031	0.2
69.05	8.96	2.35	21.046	0.72
69.1	9.48	1.58	21.062	0.48
69.15	8.74	1.64	21.077	0.5
69.2	9.37	1.2	21.092	0.37
69.25	8.19	1.72	21.107	0.52
69.3	7.09	1.14	21.123	0.35
69.35	6.55	1.31	21.138	0.4
69.4	5.77	1.36	21.153	0.41
69.45	6.39	1.83	21.168	0.56
69.5	8.19	1.13	21.183	0.34
69.55	9.6	1.18	21.199	0.36
69.6	11.3	1.8	21.214	0.55
69.65	13.65	1.65	21.229	0.5
69.7	14.32	1.11	21.244	0.34
69.75	16.16	3.24	21.26	0.99
69.8	17.58	1.6	21.275	0.49
69.85	15.79	1.9	21.29	0.58
69.9	16.9	1.68	21.305	0.51
69.95	15.45	0.98	21.321	0.3
70	14.22	2.57	21.336	0.78
70.05	13.11	2.08	21.351	0.63
70.1	12.06	1.37	21.366	0.42
70.15	11.53	1.57	21.382	0.48
70.2	11.26	1.35	21.397	0.41
70.25	10.13	0.79	21.412	0.24
70.3	9.57	1.63	21.427	0.5
70.35	9.78	1.94	21.443	0.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
70.4	9.89	1.96	21.458	0.6
70.45	8.95	1.23	21.473	0.38
70.5	7.97	1.57	21.488	0.48
70.55	7.99	1.32	21.504	0.4
70.6	7.49	1	21.519	0.3
70.65	7.75	1.05	21.534	0.32
70.7	7.37	1.47	21.549	0.45
70.75	8.19	1.31	21.565	0.4
70.8	9.59	2.03	21.58	0.62
70.85	11.8	1.07	21.595	0.33
70.9	16.4	2.49	21.61	0.76
70.95	20.2	0.88	21.625	0.27
71	22.6	1.13	21.641	0.34
71.05	23.3	1.2	21.656	0.36
71.1	21.65	1.41	21.671	0.43
71.15	17.82	1.72	21.686	0.52
71.2	13.91	0.72	21.702	0.22
71.25	13.96	0.72	21.717	0.22
71.3	14.48	1.32	21.732	0.4
71.35	15.74	0.77	21.747	0.23
71.4	18.37	0.91	21.763	0.28
71.45	17.68	1.11	21.778	0.34
71.5	24.34	0.57	21.793	0.17
71.55	35.67	0.98	21.808	0.3
71.6	28.84	0.68	21.824	0.21
71.65	23.92	1.32	21.839	0.4
71.7	21.96	0.97	21.854	0.3
71.75	37.48	0.63	21.869	0.19
71.8	31.74	1.24	21.885	0.38
71.85	31.37	0.71	21.9	0.22
71.9	28.18	0.74	21.915	0.23
71.95	20.09	1.19	21.93	0.36
72	12.05	0.81	21.946	0.25
72.05	9.52	0.65	21.961	0.2
72.1	8.76	1.05	21.976	0.32
72.15	7.88	1.83	21.991	0.56
72.2	5.94	0.71	22.007	0.22
72.25	4.97	1.23	22.022	0.38
72.3	4.99	0.71	22.037	0.22
72.35	4.99	0.74	22.052	0.23
72.4	4.5	1.2	22.067	0.37
72.45	8.25	2.56	22.083	0.78
72.5	11.12	2.63	22.098	0.8
72.55	9.06	3.11	22.113	0.95
72.6	7.53	2.53	22.128	0.77
72.65	9.77	3.04	22.144	0.93
72.7	13.88	0.86	22.159	0.26
72.75	16.94	0.75	22.174	0.23
72.8	15.47	2.35	22.189	0.72
72.85	15.24	1.09	22.205	0.33
72.9	13.12	1.25	22.22	0.38
72.95	10.56	1.04	22.235	0.32
73	11.28	3.93	22.25	1.2
73.05	16.64	1.04	22.266	0.32
73.1	27.32	1.51	22.281	0.46
73.15	44.66	1.85	22.296	0.56
73.2	49.83	2.81	22.311	0.86
73.25	48.41	1.18	22.327	0.36
73.3	41.21	2.13	22.342	0.65
73.35	58.1	1.81	22.357	0.55
73.4	50.05	3.87	22.372	1.18
73.45	36.03	2.27	22.388	0.69

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73.5	27.01	2.1	22.403	0.64
73.55	20.51	1.99	22.418	0.61
73.6	15.25	2.65	22.433	0.81
73.65	13.13	1.1	22.448	0.34
73.7	15.56	0.86	22.464	0.26
73.75	13.78	0.65	22.479	0.2
73.8	23.89	0.63	22.494	0.19
73.85	18.95	1.25	22.509	0.38
73.9	14.47	1.4	22.525	0.43
73.95	12.74	0.85	22.54	0.26
74	12.37	0.4	22.555	0.12
74.05	11.68	1.32	22.57	0.4
74.1	12.84	1.36	22.586	0.41
74.15	10.92	0.9	22.601	0.27
74.2	8.96	0.67	22.616	0.21
74.25	7.98	1.06	22.631	0.32
74.3	7.49	0.7	22.647	0.21
74.35	6.75	1.81	22.662	0.55
74.4	7.37	0.62	22.677	0.19
74.45	8.19	1.42	22.692	0.43
74.5	8.59	0.67	22.708	0.2
74.55	9.3	0.83	22.723	0.25
74.6	11.15	0.87	22.738	0.27
74.65	14.57	1.81	22.753	0.55
74.7	14.29	1.1	22.769	0.33
74.75	13.64	1.86	22.784	0.57
74.8	18.82	1.01	22.799	0.31
74.85	15.91	3.49	22.814	1.06
74.9	12.96	1.21	22.83	0.37
74.95	16.98	0.74	22.845	0.23
75	16.49	1.27	22.86	0.39
75.05	29.24	1.15	22.875	0.35
75.1	42.62	1.38	22.89	0.42
75.15	48.81	1.23	22.906	0.38
75.2	52.41	0.95	22.921	0.29
75.25	49.7	0.52	22.936	0.16
75.3	37.85	0.73	22.951	0.22
75.35	28.93	1.44	22.967	0.44
75.4	18.46	1.22	22.982	0.37
75.45	16.73	0.97	22.997	0.3
75.5	14.87	1.44	23.012	0.44
75.55	13.93	0.73	23.028	0.22
75.6	14.47	1.33	23.043	0.41
75.65	13.23	0.65	23.058	0.2
75.7	11.12	1.74	23.073	0.53
75.75	12.06	1.01	23.089	0.31
75.8	11.03	1.42	23.104	0.43
75.85	8.01	0.79	23.119	0.24
75.9	7.01	1.53	23.134	0.47
75.95	6.5	0.77	23.15	0.23
76	6.75	0.86	23.165	0.26
76.05	6.38	0.98	23.18	0.3
76.1	5.69	0.7	23.195	0.21
76.15	5.34	0.94	23.211	0.29
76.2	4.67	0.59	23.226	0.18
76.25	3.84	1.84	23.241	0.56
76.3	4.42	0.73	23.256	0.22
76.35	6.21	0.92	23.271	0.28
76.4	6.1	0.91	23.287	0.28
76.45	5.55	1.04	23.302	0.32
76.5	4.78	0.48	23.317	0.15
76.55	4.39	0.88	23.332	0.27

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76.6	4.19	0.76	23.348	0.23
76.65	5.1	0.74	23.363	0.23
76.7	5.05	0.63	23.378	0.19
76.75	6.02	1.25	23.393	0.38
76.8	7.01	1.05	23.409	0.32
76.85	9.01	1.58	23.424	0.48
76.9	8.5	1.16	23.439	0.35
76.95	8.25	1.9	23.454	0.58
77	8.63	2.04	23.47	0.62
77.05	8.81	1.45	23.485	0.44
77.1	11.91	0.95	23.5	0.29
77.15	11.45	1.15	23.515	0.35
77.2	10.23	1.25	23.531	0.38
77.25	8.61	1.3	23.546	0.4
77.3	9.31	1.88	23.561	0.57
77.35	9.65	2.28	23.576	0.69
77.4	7.33	1.56	23.592	0.48
77.45	9.16	2.7	23.607	0.82
77.5	9.58	3.79	23.622	1.16
77.55	11.79	2.82	23.637	0.86
77.6	12.9	4.81	23.653	1.46
77.65	8.45	2.28	23.668	0.69
77.7	6.22	3.47	23.683	1.06
77.75	4.11	2.48	23.698	0.76
77.8	3.06	2.98	23.713	0.91
77.85	2.53	2.79	23.729	0.85
77.9	6.26	1.61	23.744	0.49
77.95	5.63	0.74	23.759	0.23
78	7.32	3.22	23.774	0.98
78.05	13.16	2.2	23.79	0.67
78.1	53.08	2.41	23.805	0.73
78.15	44.04	2.11	23.82	0.64
78.2	33.02	5.82	23.835	1.77
78.25	24.51	1.73	23.851	0.53
78.3	16.25	3	23.866	0.91
78.35	10.13	2.43	23.881	0.74
78.4	7.06	4.06	23.896	1.24
78.45	5.53	1.49	23.912	0.46
78.5	4.27	3.22	23.927	0.98
78.55	3.63	1.7	23.942	0.52
78.6	2.82	4.28	23.957	1.3
78.65	2.91	3.51	23.973	1.07
78.7	2.45	1.69	23.988	0.52
78.75	2.23	1.89	24.003	0.58
78.8	2.61	2.08	24.018	0.64
78.85	1.81	2.57	24.034	0.78
78.9	2.9	3.32	24.049	1.01
78.95	3.45	3.93	24.064	1.2
79	3.73	1.68	24.079	0.51
79.05	3.86	1.35	24.095	0.41
79.1	3.93	1.3	24.11	0.39
79.15	3.47	1.64	24.125	0.5
79.2	3.23	0.66	24.14	0.2
79.25	2.62	1.82	24.155	0.56
79.3	2.81	1.47	24.171	0.45
79.35	2.4	1.38	24.186	0.42
79.4	3.2	1.64	24.201	0.5
79.45	3.1	2.83	24.216	0.86
79.5	3.55	2.24	24.232	0.68
79.55	3.78	1.58	24.247	0.48
79.6	3.39	1.45	24.262	0.44
79.65	3.19	5.28	24.277	1.61

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
79.7	3.1	1.91	24.293	0.58
79.75	3.05	2.81	24.308	0.86
79.8	3.02	1.95	24.323	0.59
79.85	3.01	2.79	24.338	0.85
79.9	3.01	2.25	24.354	0.69
79.95	2.5	1.8	24.369	0.55
80	2.25	1.79	24.384	0.55
80.05	2.63	2.43	24.399	0.74
80.1	2.81	1.66	24.415	0.51
80.15	2.91	1.37	24.43	0.42
80.2	3.45	2.63	24.445	0.8
80.25	3.73	2.18	24.46	0.66
80.3	3.36	2.29	24.476	0.7
80.35	3.18	2.53	24.491	0.77
80.4	3.09	0.9	24.506	0.27
80.45	2.55	0.94	24.521	0.29
80.5	2.27	1.36	24.536	0.41
80.55	2.14	1.26	24.552	0.38
80.6	2.07	1.49	24.567	0.45
80.65	2.03	1.01	24.582	0.31
80.7	2.02	1.56	24.597	0.48
80.75	2.01	1.08	24.613	0.33
80.8	2	2.23	24.628	0.68
80.85	2	1.25	24.643	0.38
80.9	2.5	1.71	24.658	0.52
80.95	2.25	1.88	24.674	0.57
81	2.63	1.82	24.689	0.55
81.05	2.81	1.8	24.704	0.55
81.1	2.91	1.84	24.719	0.56
81.15	2.45	1.45	24.735	0.44
81.2	2.73	1.36	24.75	0.41
81.25	3.36	1.42	24.765	0.43
81.3	4.18	2.07	24.78	0.63
81.35	4.59	1.91	24.796	0.58
81.4	4.8	1.78	24.811	0.54
81.45	3.9	3.14	24.826	0.96
81.5	3.45	1.62	24.841	0.5
81.55	3.72	2.15	24.857	0.66
81.6	3.36	2.45	24.872	0.75
81.65	2.68	1.57	24.887	0.48
81.7	2.84	1.55	24.902	0.47
81.75	2.92	2.45	24.918	0.75
81.8	2.96	2.52	24.933	0.77
81.85	2.98	2.7	24.948	0.82
81.9	2.49	2.6	24.963	0.79
81.95	2.75	2	24.978	0.61
82	2.87	2.92	24.994	0.89
82.05	2.44	2.42	25.009	0.74
82.1	2.22	1.85	25.024	0.57
82.15	2.61	2.38	25.039	0.72
82.2	3.3	1.83	25.055	0.56
82.25	4.65	2.62	25.07	0.8
82.3	7.33	2.25	25.085	0.69
82.35	15.66	2.55	25.1	0.78
82.4	23.33	2.98	25.116	0.91
82.45	127.17	7.45	25.131	2.27
82.5	104.58	7.83	25.146	2.39
82.55	93.29	3.64	25.161	1.11
82.6	81.65	4.78	25.177	1.46
82.65	133.32	2.54	25.192	0.77
82.7	136.16	5.13	25.207	1.56
82.75	130.08	6.11	25.222	1.86

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
82.8	117.54	2.53	25.238	0.77
82.85	74.27	2.21	25.253	0.67
82.9	106.64	3.33	25.268	1.02
82.95	122.82	4.93	25.283	1.5
83	115.91	3.29	25.299	1
83.05	127.45	2.98	25.314	0.91
83.1	133.23	3.12	25.329	0.95
83.15	249.61	1.75	25.344	0.53
83.2	228.81	2.24	25.36	0.68
83.25	319.9	1.69	25.375	0.51
83.3	159.95	2.56	25.39	0.78
83.35	79.98	2.18	25.405	0.67
83.4	39.99	3.87	25.42	1.18
83.45	19.99	2.52	25.436	0.77
83.5	10	5.57	25.451	1.7
83.55	5	3.18	25.466	0.97
83.6	2.5	3.13	25.481	0.95
83.65	1.25	3.48	25.497	1.06
83.7	138.62	2.16	25.512	0.66
83.75	252.31	4.01	25.527	1.22
83.8	126.16	5.03	25.542	1.53
83.85	63.08	3.33	25.558	1.02
83.9	192.04	3.3	25.573	1.01
83.95	96.02	3.39	25.588	1.03
84	48.01	2.57	25.603	0.78
84.05	24	3.58	25.619	1.09
84.1	12	4.51	25.634	1.37
84.15	6	3.44	25.649	1.05
84.2	3	2.68	25.664	0.82
84.25	1.5	3.33	25.68	1.01
84.3	0.75	2.17	25.695	0.66
84.35	0.38	2.44	25.71	0.74
84.4	138.19	1.42	25.725	0.43
84.45	229.59	2.25	25.741	0.69
84.5	114.8	3.4	25.756	1.04
84.55	217.9	2.53	25.771	0.77
84.6	108.95	3.06	25.786	0.93
84.65	169.97	3.74	25.801	1.14
84.7	2020.99	3.9	25.817	1.19
84.75	1010.49	3.03	25.832	0.92
84.8	505.25	2.5	25.847	0.76
84.85	252.62	2.78	25.862	0.85
84.9	286.81	2.82	25.878	0.86
84.95	143.41	3.79	25.893	1.15
85	71.7	3.62	25.908	1.1
85.05	196.35	4.27	25.923	1.3
85.1	98.18	3.58	25.939	1.09
85.15	49.09	2.55	25.954	0.78
85.2	24.54	2.5	25.969	0.76
85.25	12.27	4.44	25.984	1.35
85.3	6.14	2.63	26	0.8
85.35	3.07	2.22	26.015	0.68
85.4	1.53	3	26.03	0.92
85.45	0.77	1.46	26.045	0.44
85.5	0.38	2.24	26.061	0.68
85.55	0.19	2.24	26.076	0.68
85.6	0.1	2.07	26.091	0.63
85.65	0.05	1.24	26.106	0.38
85.7	0.02	1.48	26.122	0.45
85.75	1199.51	1.34	26.137	0.41
85.8	782.76	1.69	26.152	0.51
85.85	460.88	0.83	26.167	0.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
85.9	299.94	2.41	26.183	0.73
85.95	149.97	2.42	26.198	0.74
86	144.48	2.45	26.213	0.75
86.05	72.24	2.14	26.228	0.65
86.1	1235.62	2.38	26.243	0.73
86.15	687.31	2.13	26.259	0.65
86.2	2287.66	1.94	26.274	0.59
86.25	1143.83	2.27	26.289	0.69
86.3	629.91	1.98	26.304	0.6
86.35	314.96	2.21	26.32	0.67
86.4	384.98	1.99	26.335	0.61
86.45	261.99	3.03	26.35	0.92
86.5	246.49	2.92	26.365	0.89
86.55	123.25	2.91	26.381	0.89
86.6	199.62	2.25	26.396	0.69
86.65	305.31	1.7	26.411	0.52
86.7	207.16	2.04	26.426	0.62
86.75	138.58	2.98	26.442	0.91
86.8	184.79	2.83	26.457	0.86
86.85	173.39	1.68	26.472	0.51
86.9	224.7	1.34	26.487	0.41
86.95	151.35	1.43	26.503	0.44
87	116.67	1.82	26.518	0.55
87.05	81.84	1.77	26.533	0.54
87.1	98.92	1.72	26.548	0.53
87.15	209.96	1.6	26.564	0.49
87.2	174.48	2.04	26.579	0.62
87.25	122.24	1.42	26.594	0.43
87.3	96.12	1.85	26.609	0.56
87.35	102.56	1.59	26.625	0.48
87.4	86.28	0.99	26.64	0.3
87.45	66.64	6.27	26.655	1.91
87.5	46.82	3.79	26.67	1.16
87.55	49.91	5.8	26.685	1.77
87.6	55.95	2.95	26.701	0.9
87.65	74.48	2.14	26.716	0.65
87.7	83.74	3.13	26.731	0.95
87.75	41.87	1.92	26.746	0.58
87.8	2204.93	2.88	26.762	0.88
87.85	1102.47	2.27	26.777	0.69
87.9	609.23	3.16	26.792	0.96
87.95	385.62	3.63	26.807	1.11
88	273.81	4.8	26.823	1.46
88.05	217.9	5.29	26.838	1.61
88.1	189.95	2.99	26.853	0.91
88.15	175.98	2.76	26.868	0.84
88.2	248.49	1.74	26.884	0.53
88.25	186.24	1.25	26.899	0.38
88.3	208.62	2.28	26.914	0.69
88.35	173.81	1.61	26.929	0.49
88.4	125.91	4.03	26.945	1.23
88.45	101.95	2.32	26.96	0.71
88.5	120.48	2.41	26.975	0.73
88.55	152.74	2.22	26.99	0.68
88.6	145.87	3.03	27.006	0.92
88.65	142.43	2.25	27.021	0.69
88.7	129.22	1.58	27.036	0.48
88.75	119.11	2.47	27.051	0.75
88.8	114.05	3.6	27.066	1.1
88.85	98.03	2.06	27.082	0.63
88.9	76.51	2	27.097	0.61
88.95	67.26	2.85	27.112	0.87

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89	75.63	3.19	27.127	0.97
89.05	57.81	2.43	27.143	0.74
89.1	49.41	2.39	27.158	0.73
89.15	35.7	2.66	27.173	0.81
89.2	34.35	1.09	27.188	0.33
89.25	26.18	3.12	27.204	0.95
89.3	23.09	2.89	27.219	0.88
89.35	19.54	1.87	27.234	0.57
89.4	15.27	1.55	27.249	0.47
89.45	18.14	2.19	27.265	0.67
89.5	22.07	1.75	27.28	0.53
89.55	24.53	1.44	27.295	0.44
89.6	21.27	1.67	27.31	0.51
89.65	17.63	3.33	27.326	1.01
89.7	13.82	2.27	27.341	0.69
89.75	12.41	2	27.356	0.61
89.8	12.2	2.49	27.371	0.76
89.85	10.1	3.22	27.387	0.98
89.9	8.05	2.59	27.402	0.79
89.95	7.03	2.56	27.417	0.78
90	7.51	2.73	27.432	0.83
90.05	6.76	4.53	27.448	1.38
90.1	6.38	2.4	27.463	0.73
90.15	7.69	3.86	27.478	1.18
90.2	8.84	2.34	27.493	0.71
90.25	7.42	4.94	27.508	1.51
90.3	6.21	4.33	27.524	1.32
90.35	5.11	3.26	27.539	0.99
90.4	5.05	2.32	27.554	0.71
90.45	5.03	3.98	27.569	1.21
90.5	4.51	3.01	27.585	0.92
90.55	4.26	2.58	27.6	0.79
90.6	4.63	4.01	27.615	1.22
90.65	5.81	1.26	27.63	0.38
90.7	5.41	2.23	27.646	0.68
90.75	4.7	1.14	27.661	0.35
90.8	6.35	1.56	27.676	0.47
90.85	9.18	1.54	27.691	0.47
90.9	9.59	2.09	27.707	0.64
90.95	10.29	1.98	27.722	0.6
91	14.15	2.43	27.737	0.74
91.05	16.57	2.97	27.752	0.91
91.1	27.29	2.54	27.768	0.78
91.15	18.14	2.75	27.783	0.84
91.2	12.07	2.17	27.798	0.66
91.25	12.54	2.58	27.813	0.79
91.3	11.27	3.22	27.829	0.98
91.35	11.63	2.86	27.844	0.87
91.4	11.82	4.09	27.859	1.25
91.45	7.91	2.16	27.874	0.66
91.5	22.95	2.32	27.889	0.71
91.55	57.98	2.64	27.905	0.8
91.6	144.49	2.51	27.92	0.77
91.65	232.74	3.54	27.935	1.08
91.7	1315.87	3.81	27.95	1.16
91.75	1857.44	2.95	27.966	0.9
91.8	928.72	3.61	27.981	1.1
91.85	464.36	1.93	27.996	0.59
91.9	370.18	1.96	28.011	0.6
91.95	345.59	2.53	28.027	0.77
92	172.79	2.21	28.042	0.67
92.05	86.4	2.42	28.057	0.74

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92.1	43.2	2.07	28.072	0.63
92.15	1221.1	1.82	28.088	0.56
92.2	610.55	2.18	28.103	0.67
92.25	305.27	2.52	28.118	0.77
92.3	152.64	2.27	28.133	0.69
92.35	134.32	2.84	28.149	0.87
92.4	136.66	1.79	28.164	0.55
92.45	122.83	5.13	28.179	1.56
92.5	123.41	4.17	28.194	1.27
92.55	89.71	4.99	28.21	1.52
92.6	106.85	4.35	28.225	1.33
92.65	94.43	4.32	28.24	1.32
92.7	70.71	4.49	28.255	1.37
92.75	58.86	4.29	28.271	1.31
92.8	55.93	3.44	28.286	1.05
92.85	48.96	3.37	28.301	1.03
92.9	45.48	5.03	28.316	1.53
92.95	41.74	1.6	28.331	0.49
93	28.37	5.19	28.347	1.58
93.05	28.19	4.54	28.362	1.38
93.1	46.59	4.55	28.377	1.39
93.15	77.8	3.46	28.392	1.05
93.2	80.9	3.38	28.408	1.03
93.25	82.45	3.41	28.423	1.04
93.3	61.22	2.46	28.438	0.75
93.35	72.61	1.91	28.453	0.58
93.4	71.31	3.3	28.469	1.01
93.45	63.15	2.92	28.484	0.89
93.5	69.08	3.77	28.499	1.15
93.55	63.54	3.35	28.514	1.02
93.6	44.27	6.29	28.53	1.92
93.65	38.63	4.32	28.545	1.32
93.7	28.82	2.81	28.56	0.86
93.75	20.41	2.9	28.575	0.88
93.8	13.2	4.42	28.591	1.35
93.85	9.6	2.88	28.606	0.88
93.9	15.8	5.08	28.621	1.55
93.95	22.4	3.02	28.636	0.92
94	38.7	4.52	28.652	1.38
94.05	61.35	2.85	28.667	0.87
94.1	1230.18	3.96	28.682	1.21
94.15	798.09	3.41	28.697	1.04
94.2	480.04	3.13	28.713	0.95
94.25	275.02	2.65	28.728	0.81
94.3	166.51	2.6	28.743	0.79
94.35	124.26	1.93	28.758	0.59
94.4	90.13	3.37	28.773	1.03
94.45	64.06	1.77	28.789	0.54
94.5	49.53	2.2	28.804	0.67
94.55	48.27	2.23	28.819	0.68
94.6	44.63	0.88	28.834	0.27
94.65	41.32	1.57	28.85	0.48
94.7	29.66	1.09	28.865	0.33
94.75	19.83	1.88	28.88	0.57
94.8	14.41	1.29	28.895	0.39
94.85	12.21	2.87	28.911	0.87
94.9	12.1	1.35	28.926	0.41
94.95	13.55	1.88	28.941	0.57
95	11.78	1.73	28.956	0.53
95.05	12.39	2.42	28.972	0.74
95.1	11.69	1.2	28.987	0.37
95.15	10.35	0.76	29.002	0.23

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95.2	10.17	1.23	29.017	0.37
95.25	10.59	1.72	29.033	0.52
95.3	11.29	1.2	29.048	0.37
95.35	14.65	0.93	29.063	0.28
95.4	17.32	1.22	29.078	0.37
95.45	17.16	2.13	29.094	0.65
95.5	17.08	2.41	29.109	0.73
95.55	14.04	1.35	29.124	0.41
95.6	15.02	1.28	29.139	0.39
95.65	20.51	1.9	29.154	0.58
95.7	17.26	2.15	29.17	0.66
95.75	17.13	2.14	29.185	0.65
95.8	18.56	1.27	29.2	0.39
95.85	16.78	0.78	29.215	0.24
95.9	21.89	1.48	29.231	0.45
95.95	20.45	1.55	29.246	0.47
96	19.72	2.33	29.261	0.71
96.05	20.36	1.37	29.276	0.42
96.1	18.18	2.28	29.292	0.69
96.15	20.09	1.86	29.307	0.57
96.2	17.05	1.31	29.322	0.4
96.25	25.52	1.26	29.337	0.38
96.3	22.76	2.03	29.353	0.62
96.35	23.88	1.1	29.368	0.33
96.4	20.44	1.62	29.383	0.49
96.45	17.72	1.24	29.398	0.38
96.5	20.86	1.99	29.414	0.61
96.55	19.43	1.02	29.429	0.31
96.6	14.72	1.29	29.444	0.39
96.65	13.36	1.91	29.459	0.58
96.7	11.18	1.74	29.475	0.53
96.75	12.09	1.01	29.49	0.31
96.8	21.04	1.28	29.505	0.39
96.85	27.02	1.36	29.52	0.42
96.9	29.01	1.32	29.536	0.4
96.95	32.01	1.36	29.551	0.41
97	45	1.54	29.566	0.47
97.05	34.5	1.5	29.581	0.46
97.1	27.25	1.15	29.596	0.35
97.15	23.13	1.5	29.612	0.46
97.2	23.56	1.25	29.627	0.38
97.25	35.28	1.56	29.642	0.48
97.3	33.14	1.41	29.657	0.43
97.35	26.57	1.33	29.673	0.41
97.4	19.79	1.19	29.688	0.36
97.45	20.39	3.33	29.703	1.01
97.5	17.2	3.2	29.718	0.98
97.55	19.6	3.39	29.734	1.03
97.6	26.8	1.69	29.749	0.51
97.65	21.9	3.49	29.764	1.07
97.7	16.95	2.56	29.779	0.78
97.75	17.97	1.42	29.795	0.43
97.8	15.49	1.22	29.81	0.37
97.85	14.74	0.77	29.825	0.24
97.9	17.37	1.47	29.84	0.45
97.95	19.19	4.21	29.856	1.28
98	29.59	1.94	29.871	0.59
98.05	31.3	1.64	29.886	0.5
98.1	34.65	2.34	29.901	0.71
98.15	34.32	2.44	29.917	0.74
98.2	27.66	2.19	29.932	0.67
98.25	26.83	1.95	29.947	0.59

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
98.3	23.42	1.02	29.962	0.31
98.35	30.71	0.73	29.978	0.22
98.4	29.35	1.94	29.993	0.59
98.45	31.18	0.94	30.008	0.29
98.5	27.59	1.17	30.023	0.36
98.55	20.29	1.65	30.038	0.5
98.6	21.15	2.96	30.054	0.9
98.65	20.07	1.73	30.069	0.53
98.7	25.54	1.26	30.084	0.39
98.75	29.77	1.5	30.099	0.46
98.8	25.38	2.55	30.115	0.78
98.85	24.69	2.36	30.13	0.72
98.9	28.85	3.07	30.145	0.93
98.95	27.92	1.81	30.16	0.55
99	22.96	2.14	30.176	0.65
99.05	17.48	2.52	30.191	0.77
99.1	18.74	4.96	30.206	1.51
99.15	16.37	2.47	30.221	0.75
99.2	24.69	3.23	30.237	0.98
99.25	28.84	3.13	30.252	0.95
99.3	27.42	2.4	30.267	0.73
99.35	33.71	3.71	30.282	1.13
99.4	40.36	2.23	30.298	0.68
99.45	40.68	2.3	30.313	0.7
99.5	37.34	2.01	30.328	0.61
99.55	28.17	3.71	30.343	1.13
99.6	23.08	1.37	30.359	0.42
99.65	19.54	1.91	30.374	0.58
99.7	19.27	1.64	30.389	0.5
99.75	18.14	2.24	30.404	0.68
99.8	18.57	2.34	30.419	0.71
99.85	15.78	2.32	30.435	0.71
99.9	16.89	2.13	30.45	0.65
99.95	17.45	3.87	30.465	1.18
100	15.22	2.49	30.48	0.76
100.05	17.11	2.36	30.496	0.72
100.1	19.06	1.97	30.511	0.6
100.15	23.53	2.06	30.526	0.63
100.2	24.26	1.89	30.541	0.58
100.25	21.63	3.25	30.557	0.99
100.3	19.82	2.97	30.572	0.9
100.35	15.41	2.66	30.587	0.81
100.4	16.7	1.98	30.602	0.6
100.45	17.85	1.96	30.618	0.6
100.5	21.93	2.73	30.633	0.83
100.55	18.96	3.5	30.648	1.07
100.6	23.48	3.06	30.663	0.93
100.65	23.74	2.15	30.679	0.65
100.7	24.37	2.73	30.694	0.83
100.75	18.19	1.56	30.709	0.48
100.8	17.59	1.38	30.724	0.42
100.85	19.8	0.95	30.74	0.29
100.9	18.4	1.77	30.755	0.54
100.95	19.2	1.15	30.77	0.35
101	22.1	1.33	30.785	0.41
101.05	22.05	1.5	30.801	0.46
101.1	19.52	1.93	30.816	0.59
101.15	18.26	2.23	30.831	0.68
101.2	17.13	1.59	30.846	0.49
101.25	19.57	1.38	30.861	0.42
101.3	17.78	1.99	30.877	0.61
101.35	19.89	1.67	30.892	0.51

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
101.4	21.95	1.36	30.907	0.41
101.45	24.47	1.5	30.922	0.46
101.5	21.74	1.84	30.938	0.56
101.55	21.37	1.3	30.953	0.39
101.6	20.68	2.2	30.968	0.67
101.65	20.34	1.52	30.983	0.46
101.7	29.67	1.78	30.999	0.54
101.75	28.34	2.59	31.014	0.79
101.8	27.67	1.93	31.029	0.59
101.85	23.83	1.81	31.044	0.55
101.9	24.42	1.53	31.06	0.47
101.95	24.21	1.47	31.075	0.45
102	26.1	1.48	31.09	0.45
102.05	22.55	1.16	31.105	0.35
102.1	23.28	1.31	31.121	0.4
102.15	24.14	1.63	31.136	0.5
102.2	24.07	1.62	31.151	0.49
102.25	27.53	1.26	31.166	0.39
102.3	21.27	1.48	31.182	0.45
102.35	27.13	1.34	31.197	0.41
102.4	26.07	1.24	31.212	0.38
102.45	21.53	2.43	31.227	0.74
102.5	24.27	1.18	31.243	0.36
102.55	19.63	2.05	31.258	0.63
102.6	26.82	1.62	31.273	0.49
102.65	33.91	2.34	31.288	0.71
102.7	37.45	1.71	31.303	0.52
102.75	32.73	4.01	31.319	1.22
102.8	39.86	2.02	31.334	0.61
102.85	58.93	1.18	31.349	0.36
102.9	70.47	1.39	31.364	0.42
102.95	63.23	2.38	31.38	0.72
103	50.12	1.94	31.395	0.59
103.05	39.06	2.18	31.41	0.66
103.1	32.53	2.87	31.425	0.88
103.15	33.76	2.12	31.441	0.65
103.2	27.38	1.76	31.456	0.54
103.25	26.69	2.5	31.471	0.76
103.3	23.35	2.24	31.486	0.68
103.35	26.67	2.14	31.502	0.65
103.4	34.34	2.57	31.517	0.78
103.45	33.67	1.94	31.532	0.59
103.5	28.83	1.08	31.547	0.33
103.55	26.42	0.68	31.563	0.21
103.6	30.21	0.77	31.578	0.23
103.65	32.6	1.29	31.593	0.39
103.7	26.8	0.42	31.608	0.13
103.75	22.9	0.59	31.624	0.18
103.8	19.45	1.72	31.639	0.53
103.85	20.73	0.96	31.654	0.29
103.9	35.36	0.83	31.669	0.25
103.95	27.68	0.55	31.684	0.17
104	35.84	0.76	31.7	0.23
104.05	34.92	0.59	31.715	0.18
104.1	27.46	2	31.73	0.61
104.15	21.23	0.47	31.745	0.14
104.2	38.62	1.55	31.761	0.47
104.25	31.31	0.49	31.776	0.15
104.3	24.15	1.85	31.791	0.57
104.35	29.58	0.85	31.806	0.26
104.4	22.29	1.03	31.822	0.31
104.45	19.64	1.43	31.837	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
104.5	22.82	0.55	31.852	0.17
104.55	19.41	1.32	31.867	0.4
104.6	22.21	1.5	31.883	0.46
104.65	24.1	1.28	31.898	0.39
104.7	46.05	1.21	31.913	0.37
104.75	41.03	0.88	31.928	0.27
104.8	49.01	0.86	31.944	0.26
104.85	38.01	0.85	31.959	0.26
104.9	38.5	0.41	31.974	0.13
104.95	34.25	0.55	31.989	0.17
105	28.13	0.78	32.005	0.24
105.05	26.56	1.07	32.02	0.33
105.1	21.78	1.1	32.035	0.34
105.15	22.89	1.01	32.05	0.31
105.2	22.45	1.51	32.066	0.46
105.25	23.72	1.61	32.081	0.49
105.3	22.86	1.57	32.096	0.48
105.35	18.93	0.99	32.111	0.3
105.4	17.47	1.49	32.126	0.45
105.45	18.73	2.3	32.142	0.7
105.5	14.87	1.51	32.157	0.46
105.55	17.93	1.1	32.172	0.33
105.6	15.47	1.16	32.187	0.35
105.65	16.73	2.06	32.203	0.63
105.7	16.37	1.49	32.218	0.45
105.75	13.68	2.43	32.233	0.74
105.8	14.84	2.04	32.248	0.62
105.85	30.92	1.81	32.264	0.55
105.9	33.46	2.03	32.279	0.62
105.95	59.23	0.97	32.294	0.3
106	53.12	1.98	32.309	0.6
106.05	46.06	1.96	32.325	0.6
106.1	39.03	1.58	32.34	0.48
106.15	43.01	1.7	32.355	0.52
106.2	40.01	1.13	32.37	0.35
106.25	40	1.2	32.386	0.37
106.3	32	1.43	32.401	0.43
106.35	45	1.32	32.416	0.4
106.4	62.5	1.78	32.431	0.54
106.45	39.75	1.25	32.447	0.38
106.5	28.88	1.63	32.462	0.5
106.55	25.94	1.35	32.477	0.41
106.6	23.47	1.81	32.492	0.55
106.65	31.73	1.44	32.508	0.44
106.7	28.37	1.85	32.523	0.56
106.75	30.68	1.45	32.538	0.44
106.8	28.34	2.17	32.553	0.66
106.85	27.67	1.44	32.568	0.44
106.9	26.84	1.54	32.584	0.47
106.95	30.42	2.61	32.599	0.79
107	25.71	1.77	32.614	0.54
107.05	19.85	1.73	32.629	0.53
107.1	17.93	2.41	32.645	0.73
107.15	15.96	1.8	32.66	0.55
107.2	18.98	2.38	32.675	0.72
107.25	12.99	1.64	32.69	0.5
107.3	10	1.69	32.706	0.51
107.35	9.5	3.1	32.721	0.94
107.4	14.75	4.96	32.736	1.51
107.45	14.37	5.07	32.751	1.55
107.5	12.19	1.92	32.767	0.59
107.55	11.59	2.54	32.782	0.77

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107.6	11.3	2.73	32.797	0.83
107.65	10.15	1.72	32.812	0.52
107.7	9.07	1.65	32.828	0.5
107.75	8.54	2.61	32.843	0.8
107.8	8.77	3.16	32.858	0.96
107.85	9.88	1.44	32.873	0.44
107.9	9.44	2.22	32.889	0.68
107.95	7.72	3.44	32.904	1.05
108	8.36	1.96	32.919	0.6
108.05	8.18	3.19	32.934	0.97
108.1	8.09	2.89	32.949	0.88
108.15	9.55	6.6	32.965	2.01
108.2	10.27	2.76	32.98	0.84
108.25	8.64	3.13	32.995	0.96
108.3	7.82	3.05	33.01	0.93
108.35	7.91	4.7	33.026	1.43
108.4	8.95	3.2	33.041	0.98
108.45	8.48	2.92	33.056	0.89
108.5	9.74	3.34	33.071	1.02
108.55	8.37	2.94	33.087	0.9
108.6	8.68	3.26	33.102	0.99
108.65	7.84	1.99	33.117	0.61
108.7	8.92	1.77	33.132	0.54
108.75	8.96	2.56	33.148	0.78
108.8	10.98	2.36	33.163	0.72
108.85	12.49	1.66	33.178	0.51
108.9	13.25	1.7	33.193	0.52
108.95	12.62	1.94	33.209	0.59
109	12.31	1.5	33.224	0.46
109.05	13.16	1.44	33.239	0.44
109.1	12.58	1.67	33.254	0.51
109.15	12.29	1.19	33.27	0.36
109.2	10.64	2.05	33.285	0.63
109.25	9.82	1.21	33.3	0.37
109.3	8.91	1.85	33.315	0.56
109.35	9.96	1.57	33.331	0.48
109.4	9.98	4.34	33.346	1.32
109.45	8.99	1.45	33.361	0.44
109.5	8.49	1.2	33.376	0.36
109.55	7.25	2.38	33.391	0.73
109.6	7.12	1.63	33.407	0.5
109.65	13.06	1.66	33.422	0.51
109.7	12.53	1.88	33.437	0.57
109.75	11.27	1.72	33.452	0.53
109.8	11.13	1.56	33.468	0.47
109.85	11.07	1.85	33.483	0.56
109.9	12.53	1.99	33.498	0.61
109.95	10.27	2.03	33.513	0.62
110	10.63	1.39	33.529	0.42
110.05	12.82	2.75	33.544	0.84
110.1	11.41	1.82	33.559	0.55
110.15	11.7	0.62	33.574	0.19
110.2	13.85	1.21	33.59	0.37
110.25	14.43	1.04	33.605	0.32
110.3	14.21	1.43	33.62	0.44
110.35	12.61	0.97	33.635	0.3
110.4	12.8	1.34	33.651	0.41
110.45	13.9	0.86	33.666	0.26
110.5	13.95	1.48	33.681	0.45
110.55	13.98	1.18	33.696	0.36
110.6	14.99	0.72	33.712	0.22
110.65	13.49	1.48	33.727	0.45

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
110.7	12.75	1.35	33.742	0.41
110.75	15.37	1.13	33.757	0.35
110.8	13.69	1.19	33.772	0.36
110.85	13.34	1.39	33.788	0.42
110.9	13.17	1.03	33.803	0.31
110.95	12.59	1.39	33.818	0.42
111	11.79	1.71	33.833	0.52
111.05	12.4	2.63	33.849	0.8
111.1	13.2	1.02	33.864	0.31
111.15	11.6	1.5	33.879	0.46
111.2	12.3	1.4	33.894	0.43
111.25	12.65	1.89	33.91	0.58
111.3	10.82	1.32	33.925	0.4
111.35	11.41	1.12	33.94	0.34
111.4	12.21	2.56	33.955	0.78
111.45	12.1	1.36	33.971	0.41
111.5	10.55	1.3	33.986	0.4
111.55	12.78	0.9	34.001	0.27
111.6	10.89	1	34.016	0.3
111.65	10.94	1.16	34.032	0.35
111.7	9.47	0.92	34.047	0.28
111.75	11.74	1.69	34.062	0.52
111.8	10.37	0.95	34.077	0.29
111.85	10.68	0.98	34.093	0.3
111.9	8.84	1.37	34.108	0.42
111.95	7.92	1.68	34.123	0.51
112	6.46	1.06	34.138	0.32
112.05	6.23	1.57	34.154	0.48
112.1	6.62	1.44	34.169	0.44
112.15	7.31	1.21	34.184	0.37
112.2	7.15	0.92	34.199	0.28
112.25	7.08	1.28	34.214	0.39
112.3	8.04	1.48	34.23	0.45
112.35	6.52	2.18	34.245	0.67
112.4	7.26	3.49	34.26	1.06
112.45	7.63	4.31	34.275	1.32
112.5	7.31	1.82	34.291	0.55
112.55	7.66	3.78	34.306	1.15
112.6	5.83	1.62	34.321	0.49
112.65	5.91	3.7	34.336	1.13
112.7	5.96	2.4	34.352	0.73
112.75	5.48	4.23	34.367	1.29
112.8	6.24	1.9	34.382	0.58
112.85	5.12	0.9	34.397	0.28
112.9	6.06	0.84	34.413	0.26
112.95	6.53	2.33	34.428	0.71
113	6.26	2.05	34.443	0.62
113.05	6.13	2.42	34.458	0.74
113.1	6.07	2	34.474	0.61
113.15	5.03	4.35	34.489	1.32
113.2	4.02	2.29	34.504	0.7
113.25	5.51	3.49	34.519	1.06
113.3	4.75	2.26	34.535	0.69
113.35	5.38	3.67	34.55	1.12
113.4	6.19	2.49	34.565	0.76
113.45	6.09	2.38	34.58	0.72
113.5	6.05	2.38	34.596	0.73
113.55	7.02	3.78	34.611	1.15
113.6	7.51	2.44	34.626	0.74
113.65	7.76	1.16	34.641	0.35
113.7	7.38	1.83	34.656	0.56
113.75	6.69	3.58	34.672	1.09

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
113.8	7.34	2.23	34.687	0.68
113.85	7.17	1.52	34.702	0.46
113.9	7.09	2.85	34.717	0.87
113.95	6.54	1.9	34.733	0.58
114	6.77	2.07	34.748	0.63
114.05	7.89	2.17	34.763	0.66
114.1	6.44	2.09	34.778	0.64
114.15	6.72	0.8	34.794	0.24
114.2	7.36	2.1	34.809	0.64
114.25	7.18	1.86	34.824	0.57
114.3	8.59	1.93	34.839	0.59
114.35	8.3	2.1	34.855	0.64
114.4	8.15	2.89	34.87	0.88
114.45	8.57	2.61	34.885	0.8
114.5	7.29	2.36	34.9	0.72
114.55	7.14	2.16	34.916	0.66
114.6	7.07	3.57	34.931	1.09
114.65	7.54	2.22	34.946	0.68
114.7	8.27	2.82	34.961	0.86
114.75	8.63	3.03	34.977	0.92
114.8	9.32	4.26	34.992	1.3
114.85	9.16	2.91	35.007	0.89
114.9	8.58	3.2	35.022	0.97
114.95	7.79	3.23	35.037	0.99
115	8.39	3.37	35.053	1.03
115.05	8.7	2.52	35.068	0.77
115.1	9.35	2.85	35.083	0.87
115.15	8.17	2.8	35.098	0.85
115.2	8.09	1.62	35.114	0.49
115.25	8.54	1.8	35.129	0.55
115.3	9.77	1.37	35.144	0.42
115.35	11.89	1.51	35.159	0.46
115.4	12.94	0.79	35.175	0.24
115.45	13.47	1.64	35.19	0.5
115.5	12.74	1.54	35.205	0.47
115.55	12.37	1.93	35.22	0.59
115.6	12.18	1.61	35.236	0.49
115.65	11.09	1.6	35.251	0.49
115.7	10.55	1.43	35.266	0.44
115.75	11.27	2.64	35.281	0.8
115.8	10.14	2.75	35.297	0.84
115.85	9.07	2.13	35.312	0.65
115.9	8.53	1.68	35.327	0.51
115.95	8.77	2.02	35.342	0.62
116	8.38	2.59	35.358	0.79
116.05	7.19	2.43	35.373	0.74
116.1	6.6	2.67	35.388	0.81
116.15	5.8	2.32	35.403	0.71
116.2	4.9	2.58	35.419	0.79
116.25	3.95	3.21	35.434	0.98
116.3	3.47	2.38	35.449	0.73
116.35	3.24	2.61	35.464	0.8
116.4	3.12	2.14	35.479	0.65
116.45	54.06	1.91	35.495	0.58
116.5	79.53	2.74	35.51	0.83
116.55	166.26	1.8	35.525	0.55
116.6	152.63	2.66	35.54	0.81
116.65	140.32	2.11	35.556	0.64
116.7	139.66	1.97	35.571	0.6
116.75	70.83	2.15	35.586	0.66
116.8	36.91	2.18	35.601	0.67
116.85	19.96	2.06	35.617	0.63

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
116.9	11.48	2.4	35.632	0.73
116.95	7.24	2.43	35.647	0.74
117	5.12	2.54	35.662	0.77
117.05	4.06	2.32	35.678	0.71
117.1	3.03	3.49	35.693	1.06
117.15	65.51	2.46	35.708	0.75
117.2	159.26	2.08	35.723	0.63
117.25	217.63	3.23	35.739	0.98
117.3	178.31	1.84	35.754	0.56
117.35	147.16	1.91	35.769	0.58
117.4	166.08	5.41	35.784	1.65
117.45	168.04	3.05	35.8	0.93
117.5	125.02	6.31	35.815	1.92
117.55	126.51	5.13	35.83	1.56
117.6	138.75	3.07	35.845	0.94
117.65	146.88	2.73	35.861	0.83
117.7	135.44	3.5	35.876	1.07
117.75	145.22	3.28	35.891	1
117.8	153.61	2.91	35.906	0.89
117.85	140.8	2.71	35.921	0.83
117.9	122.9	1.78	35.937	0.54
117.95	119.45	3.29	35.952	1
118	144.73	1.71	35.967	0.52
118.05	118.86	2.15	35.982	0.66
118.1	117.43	2.37	35.998	0.72
118.15	109.72	4.22	36.013	1.29
118.2	85.86	3.26	36.028	0.99
118.25	100.93	3.73	36.043	1.14
118.3	119.96	2.55	36.059	0.78
118.35	94.98	6.21	36.074	1.89
118.4	80.99	2.43	36.089	0.74
118.45	75.5	4.22	36.104	1.29
118.5	56.75	3.32	36.12	1.01
118.55	65.87	4.71	36.135	1.43
118.6	63.94	2.85	36.15	0.87
118.65	53.47	2.03	36.165	0.62
118.7	50.23	2.91	36.181	0.89
118.75	51.62	4.16	36.196	1.27
118.8	68.31	3.42	36.211	1.04
118.85	57.65	3.69	36.226	1.12
118.9	46.33	3.25	36.242	0.99
118.95	35.66	2.46	36.257	0.75
119	30.83	2.82	36.272	0.86
119.05	28.42	1.29	36.287	0.39
119.1	24.71	2.95	36.302	0.9
119.15	27.85	1.19	36.318	0.36
119.2	23.43	1.71	36.333	0.52
119.25	22.21	1.46	36.348	0.44
119.3	20.61	1.9	36.363	0.58
119.35	17.3	1.77	36.379	0.54
119.4	20.65	2.52	36.394	0.77
119.45	16.83	2.04	36.409	0.62
119.5	13.91	2.38	36.424	0.72
119.55	11.96	2.35	36.44	0.72
119.6	10.48	2.58	36.455	0.79
119.65	10.74	2.16	36.47	0.66
119.7	9.87	1.71	36.485	0.52
119.75	9.43	2.11	36.501	0.64
119.8	8.22	3.75	36.516	1.14
119.85	8.11	1.62	36.531	0.49
119.9	9.05	2.69	36.546	0.82
119.95	9.03	1.86	36.562	0.57

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
120	10.01	3.6	36.577	1.1
120.05	10.51	1.31	36.592	0.4
120.1	10.25	2.49	36.607	0.76
120.15	9.13	1.81	36.623	0.55
120.2	10.06	3.09	36.638	0.94
120.25	8.53	2.54	36.653	0.77
120.3	8.27	1.63	36.668	0.5
120.35	8.13	1.84	36.684	0.56
120.4	9.07	1.29	36.699	0.39
120.45	10.03	1.59	36.714	0.49
120.5	11.02	1.11	36.729	0.34
120.55	10.01	1.44	36.744	0.44
120.6	11	1.56	36.76	0.48
120.65	11.5	2.05	36.775	0.63
120.7	11.75	2.25	36.79	0.68
120.75	11.38	2.57	36.805	0.78
120.8	11.19	1.57	36.821	0.48
120.85	12.09	1.78	36.836	0.54
120.9	11.55	2.22	36.851	0.68
120.95	11.77	1.67	36.866	0.51
121	9.39	1.67	36.882	0.51
121.05	9.19	2.47	36.897	0.75
121.1	10.6	1.78	36.912	0.54
121.15	12.3	1.44	36.927	0.44
121.2	10.65	1.65	36.943	0.5
121.25	10.82	2.63	36.958	0.8
121.3	12.41	1.56	36.973	0.47
121.35	15.71	2.03	36.988	0.62
121.4	14.85	1.53	37.004	0.47
121.45	15.43	1.7	37.019	0.52
121.5	14.71	2.28	37.034	0.69
121.55	13.36	1.82	37.049	0.56
121.6	15.68	1.1	37.065	0.33
121.65	13.84	2.54	37.08	0.77
121.7	12.42	1.47	37.095	0.45
121.75	14.21	1.14	37.11	0.35
121.8	11.6	1.49	37.126	0.45
121.85	11.8	1.21	37.141	0.37
121.9	12.9	2.21	37.156	0.67
121.95	11.45	1.46	37.171	0.44
122	8.23	1.9	37.186	0.58
122.05	8.11	1.17	37.202	0.36
122.1	8.56	2.27	37.217	0.69
122.15	8.78	1.75	37.232	0.53
122.2	12.39	2.36	37.247	0.72
122.25	11.19	1.33	37.263	0.41
122.3	7.6	4.73	37.278	1.44
122.35	5.8	2.13	37.293	0.65
122.4	5.4	4.57	37.308	1.39
122.45	4.7	2.76	37.324	0.84
122.5	4.35	4.39	37.339	1.34
122.55	4.17	3.02	37.354	0.92
122.6	4.09	2.74	37.369	0.83
122.65	4.04	2.53	37.385	0.77
122.7	4.52	3.96	37.4	1.21
122.75	4.76	5.02	37.415	1.53
122.8	4.38	1.75	37.43	0.53
122.85	4.69	3.36	37.446	1.02
122.9	4.85	3.46	37.461	1.05
122.95	5.42	3.09	37.476	0.94
123	5.21	2.3	37.491	0.7
123.05	5.61	1.45	37.507	0.44

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
123.1	5.3	0.87	37.522	0.27
123.15	5.15	1.39	37.537	0.42
123.2	5.08	0.52	37.552	0.16
123.25	4.54	1.23	37.567	0.37
123.3	4.77	1.52	37.583	0.46
123.35	4.88	3.15	37.598	0.96
123.4	5.44	1.5	37.613	0.46
123.45	5.22	2.36	37.628	0.72
123.5	5.11	1.51	37.644	0.46
123.55	5.06	4.05	37.659	1.23
123.6	4.53	1.24	37.674	0.38
123.65	4.26	1.06	37.689	0.32
123.7	4.63	1.46	37.705	0.44
123.75	4.82	2.41	37.72	0.74
123.8	4.41	1.31	37.735	0.4
123.85	4.2	1.73	37.75	0.53
123.9	4.1	2.02	37.766	0.62
123.95	4.55	2.52	37.781	0.77
124	4.78	2.82	37.796	0.86
124.05	4.89	2.78	37.811	0.85
124.1	4.44	2.14	37.827	0.65
124.15	4.22	0.96	37.842	0.29
124.2	4.11	1.33	37.857	0.41
124.25	4.06	1.27	37.872	0.39
124.3	3.53	1.28	37.888	0.39
124.35	3.76	0.59	37.903	0.18
124.4	3.88	1.13	37.918	0.35
124.45	3.94	1.41	37.933	0.43
124.5	3.97	0.62	37.949	0.19
124.55	3.99	1.22	37.964	0.37
124.6	4.49	1.24	37.979	0.38
124.65	4.75	1.02	37.994	0.31
124.7	3.87	1.25	38.009	0.38
124.75	3.44	1.5	38.025	0.46
124.8	3.72	1.82	38.04	0.56
124.85	3.86	0.93	38.055	0.28
124.9	3.93	1.51	38.07	0.46
124.95	4.46	0.94	38.086	0.29
125	4.23	2.05	38.101	0.63
125.05	4.12	1.23	38.116	0.37
125.1	3.56	2.25	38.131	0.69
125.15	4.28	2.08	38.147	0.63
125.2	4.14	2.14	38.162	0.65
125.25	4.57	1.65	38.177	0.5
125.3	4.28	1.06	38.192	0.32
125.35	4.64	2.1	38.208	0.64
125.4	4.32	2.46	38.223	0.75
125.45	3.66	0.98	38.238	0.3
125.5	3.83	1.52	38.253	0.46
125.55	3.92	1.59	38.269	0.48
125.6	3.96	0.93	38.284	0.28
125.65	3.98	1.32	38.299	0.4
125.7	3.49	0.85	38.314	0.26
125.75	4.24	1.03	38.33	0.31
125.8	4.62	1.03	38.345	0.31
125.85	4.81	1.35	38.36	0.41
125.9	4.41	1.04	38.375	0.32
125.95	4.7	1.45	38.39	0.44
126	4.35	0.98	38.406	0.3
126.05	4.18	1.19	38.421	0.36
126.1	4.59	1.26	38.436	0.38
126.15	4.29	1.6	38.451	0.49

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
126.2	4.15	1.6	38.467	0.49
126.25	4.57	1.86	38.482	0.57
126.3	4.79	1.68	38.497	0.51
126.35	3.89	1.45	38.512	0.44
126.4	4.45	0.84	38.528	0.26
126.45	4.22	1.81	38.543	0.55
126.5	4.11	1.31	38.558	0.4
126.55	5.06	2.3	38.573	0.7
126.6	4.53	1.8	38.589	0.55
126.65	3.76	1.52	38.604	0.46
126.7	3.88	1.42	38.619	0.43
126.75	4.44	1.97	38.634	0.6
126.8	4.72	1.09	38.65	0.33
126.85	4.36	2.11	38.665	0.64
126.9	4.18	1.27	38.68	0.39
126.95	3.59	1.43	38.695	0.44
127	3.8	0.99	38.711	0.3
127.05	4.4	1.43	38.726	0.44
127.1	4.7	1.26	38.741	0.39
127.15	4.35	1.29	38.756	0.39
127.2	3.67	2.17	38.772	0.66
127.25	3.84	1.03	38.787	0.31
127.3	3.92	1	38.802	0.31
127.35	3.46	1.02	38.817	0.31
127.4	4.23	4.88	38.832	1.49
127.45	4.61	3.45	38.848	1.05
127.5	4.81	2.29	38.863	0.7
127.55	4.4	4.83	38.878	1.47
127.6	4.7	3.21	38.893	0.98
127.65	4.35	2.13	38.909	0.65
127.7	4.18	1.82	38.924	0.56
127.75	4.59	3.39	38.939	1.03
127.8	4.29	1.15	38.954	0.35
127.85	5.15	3.23	38.97	0.99
127.9	4.57	1.91	38.985	0.58
127.95	4.29	2.32	39	0.71
128	4.64	2.67	39.015	0.81
128.05	4.82	2.45	39.031	0.75
128.1	4.41	1.99	39.046	0.61
128.15	4.71	2.01	39.061	0.61
128.2	5.35	0.52	39.076	0.16
128.25	4.68	1.12	39.092	0.34
128.3	4.84	1.47	39.107	0.45
128.35	5.92	2.99	39.122	0.91
128.4	5.46	1.47	39.137	0.45
128.45	4.73	1.63	39.153	0.5
128.5	4.36	1.42	39.168	0.43
128.55	4.18	3.03	39.183	0.92
128.6	4.09	2	39.198	0.61
128.65	4.05	2.19	39.214	0.67
128.7	4.02	2.21	39.229	0.67
128.75	4.01	3.03	39.244	0.92
128.8	4.51	1.77	39.259	0.54
128.85	4.75	2.62	39.274	0.8
128.9	4.88	2.39	39.29	0.73
128.95	4.44	3.72	39.305	1.13
129	5.22	2.74	39.32	0.84
129.05	4.61	2.03	39.335	0.62
129.1	4.8	2.16	39.351	0.66
129.15	4.4	2.97	39.366	0.91
129.2	4.2	1.62	39.381	0.49
129.25	3.6	2.44	39.396	0.74

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
129.3	4.3	1.39	39.412	0.42
129.35	4.65	1.1	39.427	0.33
129.4	4.33	1.8	39.442	0.55
129.45	5.16	1.99	39.457	0.61
129.5	4.58	1.67	39.473	0.51
129.55	4.79	1.21	39.488	0.37
129.6	4.4	3.19	39.503	0.97
129.65	4.7	2.51	39.518	0.77
129.7	4.35	2.03	39.534	0.62
129.75	4.17	1.3	39.549	0.4
129.8	4.59	2.71	39.564	0.83
129.85	4.29	1.62	39.579	0.49
129.9	4.65	3.9	39.595	1.19
129.95	4.82	1.87	39.61	0.57
130	4.41	2.36	39.625	0.72
130.05	5.21	1.55	39.64	0.47
130.1	4.6	1.71	39.655	0.52
130.15	4.8	1.85	39.671	0.56
130.2	4.4	4.13	39.686	1.26
130.25	5.2	2.28	39.701	0.69
130.3	4.6	2.26	39.716	0.69
130.35	4.3	3.63	39.732	1.11
130.4	4.65	3.52	39.747	1.07
130.45	4.83	2.27	39.762	0.69
130.5	4.91	2.53	39.777	0.77
130.55	4.96	1.8	39.793	0.55
130.6	4.48	1.14	39.808	0.35
130.65	4.24	1.86	39.823	0.57
130.7	4.62	0.81	39.838	0.25
130.75	4.81	1.11	39.854	0.34
130.8	4.4	1.15	39.869	0.35
130.85	5.2	1.8	39.884	0.55
130.9	4.6	1.39	39.899	0.42
130.95	4.3	1.73	39.915	0.53
131	3.65	1.58	39.93	0.48
131.05	4.33	1.44	39.945	0.44
131.1	4.16	1.86	39.96	0.57
131.15	5.08	1.59	39.976	0.49
131.2	5.04	1.4	39.991	0.43
131.25	4.52	1.67	40.006	0.51
131.3	4.76	1.66	40.021	0.51
131.35	5.38	1.44	40.037	0.44
131.4	5.69	1.27	40.052	0.39
131.45	4.85	2.03	40.067	0.62
131.5	4.92	1.62	40.082	0.49
131.55	4.96	1.29	40.097	0.39
131.6	4.48	2.21	40.113	0.67
131.65	4.24	1.83	40.128	0.56
131.7	5.12	1.8	40.143	0.55
131.75	5.06	1.61	40.158	0.49
131.8	5.03	1.44	40.174	0.44
131.85	4.52	1.73	40.189	0.53
131.9	4.76	1.32	40.204	0.4
131.95	4.38	1.66	40.219	0.51
132	4.69	1.67	40.235	0.51
132.05	4.84	1.17	40.25	0.36
132.1	4.42	0.66	40.265	0.2
132.15	8.21	1.11	40.28	0.34
132.2	8.11	0.57	40.296	0.17
132.25	8.55	0.59	40.311	0.18
132.3	8.28	0.55	40.326	0.17
132.35	9.64	0.54	40.341	0.16

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
132.4	10.82	3.57	40.357	1.09
132.45	9.91	0.66	40.372	0.2
132.5	10.95	2.96	40.387	0.9
132.55	13.48	0.68	40.402	0.21
132.6	14.74	1.97	40.418	0.6
132.65	20.37	1.76	40.433	0.54
132.7	20.68	1.81	40.448	0.55
132.75	22.34	2	40.463	0.61
132.8	21.67	1.15	40.479	0.35
132.85	21.84	2.67	40.494	0.81
132.9	20.92	3.42	40.509	1.04
132.95	18.46	0.45	40.524	0.14
133	16.23	1.26	40.539	0.38
133.05	14.61	0.86	40.555	0.26
133.1	13.31	3.43	40.57	1.05
133.15	11.65	1.74	40.585	0.53
133.2	11.33	1.97	40.6	0.6
133.25	11.16	1.03	40.616	0.31
133.3	12.58	1.92	40.631	0.58
133.35	14.29	1.6	40.646	0.49
133.4	13.15	1.24	40.661	0.38
133.45	14.57	1.04	40.677	0.32
133.5	17.29	0.69	40.692	0.21
133.55	17.14	1.51	40.707	0.46
133.6	14.57	1.43	40.722	0.44
133.65	14.29	0.46	40.738	0.14
133.7	14.64	0.46	40.753	0.14
133.75	11.32	1.83	40.768	0.56
133.8	13.16	0.46	40.783	0.14
133.85	13.08	1.18	40.799	0.36
133.9	12.54	0.55	40.814	0.17
133.95	10.77	2.1	40.829	0.64
134	12.89	0.84	40.844	0.26
134.05	11.94	1.89	40.86	0.58
134.1	13.97	0.93	40.875	0.28
134.15	13.99	2.38	40.89	0.73
134.2	12.49	0.78	40.905	0.24
134.25	11.75	3.47	40.92	1.06
134.3	12.37	1.69	40.936	0.52
134.35	15.19	0.67	40.951	0.21
134.4	15.59	1.43	40.966	0.44
134.45	15.3	1.43	40.981	0.44
134.5	16.15	1.12	40.997	0.34
134.55	15.57	1.5	41.012	0.46
134.6	16.29	1.51	41.027	0.46
134.65	15.14	1.17	41.042	0.36
134.7	14.57	0.93	41.058	0.28
134.75	14.79	0.39	41.073	0.12
134.8	13.89	0.53	41.088	0.16
134.85	14.45	1.16	41.103	0.35
134.9	12.72	1.08	41.119	0.33
134.95	10.86	0.98	41.134	0.3
135	11.43	1.59	41.149	0.49
135.05	11.72	0.73	41.164	0.22
135.1	13.36	1.47	41.18	0.45
135.15	16.18	1.05	41.195	0.32
135.2	15.59	1.25	41.21	0.38
135.25	12.79	0.96	41.225	0.29
135.3	12.9	0.79	41.241	0.24
135.35	13.45	1.42	41.256	0.43
135.4	14.72	1.36	41.271	0.42
135.45	14.86	1.21	41.286	0.37

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
135.5	15.43	1.86	41.302	0.57
135.55	15.72	0.82	41.317	0.25
135.6	15.36	1.04	41.332	0.32
135.65	14.68	2.05	41.347	0.63
135.7	15.84	2.04	41.362	0.62
135.75	16.92	2.1	41.378	0.64
135.8	16.46	1.46	41.393	0.45
135.85	16.23	1.28	41.408	0.39
135.9	15.61	1.47	41.423	0.45
135.95	17.31	1.52	41.439	0.46
136	16.65	0.68	41.454	0.21
136.05	16.83	0.98	41.469	0.3
136.1	14.91	1.48	41.484	0.45
136.15	14.46	1.09	41.5	0.33
136.2	17.73	1.3	41.515	0.4
136.25	15.36	1.08	41.53	0.33
136.3	16.68	0.92	41.545	0.28
136.35	15.34	1.43	41.561	0.43
136.4	14.67	1.01	41.576	0.31
136.45	13.34	1.51	41.591	0.46
136.5	14.17	1.21	41.606	0.37
136.55	15.58	1.41	41.622	0.43
136.6	15.29	1.36	41.637	0.41
136.65	13.65	1.18	41.652	0.36
136.7	12.32	1.14	41.667	0.35
136.75	11.66	1.46	41.683	0.44
136.8	13.33	1.38	41.698	0.42
136.85	13.67	1.04	41.713	0.32
136.9	12.83	1.26	41.728	0.39
136.95	11.92	0.87	41.744	0.26
137	12.46	0.94	41.759	0.29
137.05	12.23	1.55	41.774	0.47
137.1	13.61	1.54	41.789	0.47
137.15	15.31	0.88	41.804	0.27
137.2	16.65	0.89	41.82	0.27
137.25	15.83	0.91	41.835	0.28
137.3	14.91	1.95	41.85	0.59
137.35	14.96	1.02	41.865	0.31
137.4	13.98	2.98	41.881	0.91
137.45	11.49	1.66	41.896	0.51
137.5	15.24	3.77	41.911	1.15
137.55	16.62	1.88	41.926	0.57
137.6	17.81	2.41	41.942	0.73
137.65	13.91	3.01	41.957	0.92
137.7	11.95	4.01	41.972	1.22
137.75	13.48	1.91	41.987	0.58
137.8	15.24	2.04	42.003	0.62
137.85	14.12	4.35	42.018	1.33
137.9	8.56	3.51	42.033	1.07
137.95	6.78	3.56	42.048	1.09
138	5.89	2.87	42.064	0.87
138.05	4.44	3.96	42.079	1.21
138.1	4.22	3.71	42.094	1.13
138.15	4.11	1.81	42.109	0.55
138.2	4.06	4.61	42.125	1.41
138.25	3.53	2.6	42.14	0.79
138.3	3.76	3.36	42.155	1.03
138.35	3.88	1.72	42.17	0.52
138.4	3.94	1.86	42.185	0.57
138.45	3.47	1.47	42.201	0.45
138.5	3.74	0.92	42.216	0.28
138.55	3.87	1.51	42.231	0.46

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
138.6	3.93	2.06	42.246	0.63
138.65	4.47	1.46	42.262	0.44
138.7	4.23	2.06	42.277	0.63
138.75	4.12	2.99	42.292	0.91
138.8	4.06	1.97	42.307	0.6
138.85	4.03	3.49	42.323	1.06
138.9	4.51	1.92	42.338	0.59
138.95	4.76	2.36	42.353	0.72
139	4.38	1.88	42.368	0.57
139.05	4.19	2.68	42.384	0.82
139.1	4.09	2.89	42.399	0.88
139.15	4.05	3.56	42.414	1.09
139.2	4.02	1.97	42.429	0.6
139.25	4.01	2.09	42.445	0.64
139.3	4.01	1.82	42.46	0.55
139.35	4	2.74	42.475	0.84
139.4	4.5	2.94	42.49	0.9
139.45	4.25	1.55	42.506	0.47
139.5	4.13	1.88	42.521	0.57
139.55	4.06	1.44	42.536	0.44
139.6	4.03	1.69	42.551	0.51
139.65	4.02	1.49	42.567	0.46
139.7	4.51	1.6	42.582	0.49
139.75	4.25	0.65	42.597	0.2
139.8	4.13	1.09	42.612	0.33
139.85	4.06	1.08	42.627	0.33
139.9	4.53	1.46	42.643	0.44
139.95	4.77	1.29	42.658	0.39
140	4.88	1.8	42.673	0.55
140.05	4.44	1.64	42.688	0.5
140.1	4.22	1.01	42.704	0.31
140.15	4.11	1.01	42.719	0.31
140.2	4.06	2.12	42.734	0.65
140.25	4.03	1.53	42.749	0.46
140.3	4.01	1.99	42.765	0.61
140.35	4.01	1.2	42.78	0.37
140.4	4	1.54	42.795	0.47
140.45	4	1.34	42.81	0.41
140.5	4.5	2.95	42.826	0.9
140.55	4.25	1.46	42.841	0.45
140.6	4.13	2.46	42.856	0.75
140.65	3.06	1.56	42.871	0.48
140.7	3.03	1.11	42.887	0.34
140.75	3.02	0.88	42.902	0.27
140.8	2.51	2.32	42.917	0.71
140.85	2.75	1.31	42.932	0.4
140.9	2.38	1.08	42.948	0.33
140.95	2.69	1.33	42.963	0.41
141	2.34	0.94	42.978	0.29
141.05	2.67	0.91	42.993	0.28
141.1	2.84	0.96	43.008	0.29
141.15	2.92	1.51	43.024	0.46
141.2	2.46	1.6	43.039	0.49
141.25	2.73	1.37	43.054	0.42
141.3	2.36	2.03	43.069	0.62
141.35	2.18	1.21	43.085	0.37
141.4	2.59	1.92	43.1	0.58
141.45	2.3	2.25	43.115	0.69
141.5	2.15	1.85	43.13	0.56
141.55	2.07	1.94	43.146	0.59
141.6	2.04	2.17	43.161	0.66
141.65	2.02	1.64	43.176	0.5

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
141.7	2.01	1.51	43.191	0.46
141.75	1	1.32	43.207	0.4
141.8	0.5	2.01	43.222	0.61
141.85	227.75	2.02	43.237	0.61
141.9	113.88	1.22	43.252	0.37
141.95	56.94	1.23	43.268	0.37
142	255.97	1.54	43.283	0.47
142.05	127.98	1.67	43.298	0.51
142.1	63.99	1.26	43.313	0.38
142.15	259.5	2.31	43.329	0.7
142.2	267.75	1.32	43.344	0.4
142.25	133.87	1.13	43.359	0.35
142.3	182.44	0.98	43.374	0.3
142.35	362.72	2.85	43.39	0.87
142.4	430.86	3.74	43.405	1.14
142.45	330.93	1.45	43.42	0.44
142.5	458.96	1.71	43.435	0.52
142.55	456.98	0.92	43.45	0.28
142.6	521.99	0.98	43.466	0.3
142.65	532.5	1.28	43.481	0.39
142.7	370.25	1.86	43.496	0.57
142.75	300.62	1.51	43.511	0.46
142.8	214.31	1.32	43.527	0.4
142.85	165.16	1.43	43.542	0.44
142.9	175.08	2.33	43.557	0.71
142.95	108.54	1.78	43.572	0.54
143	123.77	2.93	43.588	0.89
143.05	63.38	2.15	43.603	0.65
143.1	32.69	1.57	43.618	0.48
143.15	17.85	3.52	43.633	1.07
143.2	9.92	2.98	43.649	0.91
143.25	6.46	3.37	43.664	1.03
143.3	4.73	3.22	43.679	0.98
143.35	3.87	3.1	43.694	0.94
143.4	3.43	1.39	43.71	0.42
143.45	3.22	3.64	43.725	1.11
143.5	3.11	2.34	43.74	0.71
143.55	3.05	2.06	43.755	0.63
143.6	3.03	1.54	43.771	0.47
143.65	2.51	1.68	43.786	0.51
143.7	2.76	1.27	43.801	0.39
143.75	2.88	1.41	43.816	0.43
143.8	2.44	0.58	43.832	0.18
143.85	2.72	1.2	43.847	0.37
143.9	2.86	0.88	43.862	0.27
143.95	2.43	1.94	43.877	0.59
144	2.71	1.22	43.892	0.37
144.05	2.36	1.88	43.908	0.57
144.1	2.18	1.67	43.923	0.51
144.15	2.09	1.97	43.938	0.6
144.2	2.04	1.07	43.953	0.33
144.25	2.52	2.22	43.969	0.68
144.3	2.26	1.5	43.984	0.46
144.35	2.63	2.71	43.999	0.83
144.4	2.32	1.46	44.014	0.45
144.45	2.66	1.41	44.03	0.43
144.5	2.33	1.04	44.045	0.32
144.55	2.16	2.17	44.06	0.66
144.6	2.58	2.05	44.075	0.62
144.65	2.79	1.54	44.091	0.47
144.7	2.9	1.36	44.106	0.41
144.75	2.45	1.58	44.121	0.48

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144.8	2.22	1.07	44.136	0.33
144.85	2.61	1.78	44.152	0.54
144.9	2.81	1.4	44.167	0.43
144.95	2.9	1.42	44.182	0.43
145	2.95	0.81	44.197	0.25
145.05	2.48	0.6	44.213	0.18
145.1	2.74	0.7	44.228	0.21
145.15	2.87	0.45	44.243	0.14
145.2	2.93	1.01	44.258	0.31
145.25	2.97	0.7	44.273	0.21
145.3	2.98	0.69	44.289	0.21
145.35	2.99	0.9	44.304	0.28
145.4	3	0.42	44.319	0.13
145.45	3	1.01	44.334	0.31
145.5	2.5	0.48	44.35	0.15
145.55	3.25	0.83	44.365	0.25
145.6	25.12	0.79	44.38	0.24
145.65	33.56	0.43	44.395	0.13
145.7	18.28	0.43	44.411	0.13
145.75	32.64	0.82	44.426	0.25
145.8	39.82	0.79	44.441	0.24
145.85	45.41	0.46	44.456	0.14
145.9	36.21	1.67	44.472	0.51
145.95	31.6	1.42	44.487	0.43
146	17.3	1.65	44.502	0.5
146.05	9.65	1.38	44.517	0.42
146.1	5.83	0.41	44.533	0.13
146.15	4.41	1.7	44.548	0.52
146.2	3.71	0.78	44.563	0.24
146.25	3.35	0.89	44.578	0.27
146.3	15.68	0.47	44.594	0.14
146.35	26.84	0.4	44.609	0.12
146.4	28.42	0.39	44.624	0.12
146.45	28.71	0.48	44.639	0.15
146.5	15.85	0.84	44.655	0.26
146.55	9.43	0.81	44.67	0.25
146.6	6.21	0.49	44.685	0.15
146.65	4.61	1.23	44.7	0.37
146.7	3.8	0.59	44.715	0.18
146.75	3.4	0.55	44.731	0.17
146.8	3.2	0.78	44.746	0.24
146.85	2.6	0.54	44.761	0.16
146.9	2.8	0.62	44.776	0.19
146.95	2.9	1.18	44.792	0.36
147	2.45	0.48	44.807	0.15
147.05	2.73	0.96	44.822	0.29
147.1	2.86	1.14	44.837	0.35
147.15	2.43	1.16	44.853	0.35
147.2	2.72	0.82	44.868	0.25
147.25	2.86	0.95	44.883	0.29
147.3	2.93	0.61	44.898	0.19
147.35	3.46	3.62	44.914	1.1
147.4	3.23	1.09	44.929	0.33
147.45	3.12	1.87	44.944	0.57
147.5	2.56	1.97	44.959	0.6
147.55	2.78	1.94	44.975	0.59
147.6	2.39	0.53	44.99	0.16
147.65	2.69	0.68	45.005	0.21
147.7	2.85	1.37	45.02	0.42
147.75	2.92	1.53	45.036	0.47
147.8	2.96	0.73	45.051	0.22
147.85	2.98	0.88	45.066	0.27

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
147.9	2.99	3.22	45.081	0.98
147.95	3.5	1.01	45.097	0.31
148	3.25	2.78	45.112	0.85
148.05	3.12	1.64	45.127	0.5
148.1	3.06	3.8	45.142	1.16
148.15	3.03	1.72	45.157	0.52
148.2	3.02	2	45.173	0.61
148.25	3.51	2.71	45.188	0.83
148.3	3.25	2.79	45.203	0.85
148.35	2.63	2.07	45.218	0.63
148.4	2.81	1.68	45.234	0.51
148.45	2.41	2.19	45.249	0.67
148.5	3.2	5.18	45.264	1.58
148.55	2.6	1.65	45.279	0.5
148.6	2.8	0.82	45.295	0.25
148.65	2.9	1.41	45.31	0.43
148.7	2.95	1.13	45.325	0.34
148.75	2.98	2.26	45.34	0.69
148.8	2.99	1	45.356	0.3
148.85	2.99	0.98	45.371	0.3
148.9	3	0.48	45.386	0.15
148.95	3	1.52	45.401	0.46
149	3	1.24	45.417	0.38
149.05	3.5	1.52	45.432	0.46
149.1	3.25	1.12	45.447	0.34
149.15	3.12	2.74	45.462	0.83
149.2	3.06	1.46	45.478	0.44
149.25	3.03	1.67	45.493	0.51
149.3	2.52	1.18	45.508	0.36
149.35	2.76	2.78	45.523	0.85
149.4	2.88	1.64	45.538	0.5
149.45	2.94	1.11	45.554	0.34
149.5	2.97	1.99	45.569	0.61
149.55	3.48	2.86	45.584	0.87
149.6	3.24	1.53	45.599	0.47
149.65	3.62	2.65	45.615	0.81
149.7	3.31	1.43	45.63	0.44
149.75	3.16	3.58	45.645	1.09
149.8	3.58	2.1	45.66	0.64
149.85	3.29	2.13	45.676	0.65
149.9	3.64	2.26	45.691	0.69
149.95	3.82	1.29	45.706	0.39
150	3.41	1.94	45.721	0.59
150.05	3.71	1.35	45.737	0.41
150.1	3.85	1.02	45.752	0.31
150.15	3.43	0.58	45.767	0.18
150.2	3.21	1.71	45.782	0.52
150.25	3.11	1.96	45.798	0.6
150.3	3.05	1.85	45.813	0.56
150.35	3.53	1.26	45.828	0.38
150.4	3.26	1.82	45.843	0.55
150.45	3.13	1.55	45.859	0.47
150.5	3.07	1.65	45.874	0.5
150.55	3.53	1.29	45.889	0.39
150.6	3.27	2.13	45.904	0.65
150.65	3.13	1.35	45.92	0.41
150.7	3.07	2.49	45.935	0.76
150.75	3.53	0.98	45.95	0.3
150.8	3.27	1.89	45.965	0.57
150.85	3.13	0.85	45.98	0.26
150.9	3.57	0.91	45.996	0.28
150.95	3.28	1.18	46.011	0.36

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
151	3.14	1.65	46.026	0.5
151.05	3.57	1.04	46.041	0.32
151.1	3.79	0.58	46.057	0.18
151.15	3.39	0.69	46.072	0.21
151.2	3.7	0.54	46.087	0.17
151.25	3.85	0.73	46.102	0.22
151.3	3.92	0.83	46.118	0.25
151.35	3.46	0.79	46.133	0.24
151.4	3.73	1.1	46.148	0.34
151.45	3.37	0.94	46.163	0.29
151.5	3.18	0.59	46.179	0.18
151.55	3.59	0.91	46.194	0.28
151.6	3.3	0.58	46.209	0.18
151.65	2.65	0.49	46.224	0.15
151.7	2.82	0.61	46.24	0.19
151.75	2.91	0.62	46.255	0.19
151.8	2.96	0.58	46.27	0.18
151.85	3.48	0.83	46.285	0.25
151.9	3.24	0.59	46.301	0.18
151.95	3.12	0.84	46.316	0.26
152	3.06	1.55	46.331	0.47
152.05	3.53	1.15	46.346	0.35
152.1	3.26	0.47	46.362	0.14
152.15	3.13	0.74	46.377	0.23
152.2	3.07	0.94	46.392	0.29
152.25	3.03	0.83	46.407	0.25
152.3	3.02	0.58	46.422	0.18
152.35	4.01	5.91	46.438	1.8
152.4	5.5	0.98	46.453	0.3
152.45	5.75	3.34	46.468	1.02
152.5	5.88	0.68	46.483	0.21
152.55	4.94	2.47	46.499	0.75
152.6	3.97	0.66	46.514	0.2
152.65	3.98	1.72	46.529	0.52
152.7	4.49	2.08	46.544	0.63
152.75	4.25	0.64	46.56	0.2
152.8	4.12	1.27	46.575	0.39
152.85	3.56	1.77	46.59	0.54
152.9	3.78	3.3	46.605	1.01
152.95	3.39	2.65	46.621	0.81
153	3.2	1.79	46.636	0.55
153.05	3.6	2.84	46.651	0.86
153.1	3.3	1.47	46.666	0.45
153.15	4.15	2.27	46.682	0.69
153.2	4.57	2.24	46.697	0.68
153.25	3.79	1.5	46.712	0.46
153.3	3.39	1.33	46.727	0.41
153.35	3.7	0.94	46.743	0.29
153.4	3.35	1.25	46.758	0.38
153.45	3.67	0.68	46.773	0.21
153.5	3.84	0.47	46.788	0.14
153.55	3.92	1.27	46.803	0.39
153.6	3.96	0.83	46.819	0.25
153.65	3.98	0.59	46.834	0.18
153.7	3.49	1	46.849	0.3
153.75	3.74	0.77	46.864	0.23
153.8	3.87	1.68	46.88	0.51
153.85	3.44	2.3	46.895	0.7
153.9	3.72	2.94	46.91	0.89
153.95	3.86	0.7	46.925	0.21
154	3.93	2.24	46.941	0.68
154.05	3.46	0.81	46.956	0.25

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
154.1	3.23	2.06	46.971	0.63
154.15	3.62	0.79	46.986	0.24
154.2	3.81	2.46	47.002	0.75
154.25	3.9	1.33	47.017	0.41
154.3	3.45	1.93	47.032	0.59
154.35	3.23	1.85	47.047	0.56
154.4	3.61	1.3	47.063	0.4
154.45	3.31	1.14	47.078	0.35
154.5	3.65	1.15	47.093	0.35
154.55	4.33	1.94	47.108	0.59
154.6	4.66	2.13	47.124	0.65
154.65	4.33	1.58	47.139	0.48
154.7	4.17	0.79	47.154	0.24
154.75	4.58	0.65	47.169	0.2
154.8	4.29	0.65	47.185	0.2
154.85	4.15	0.78	47.2	0.24
154.9	3.57	0.76	47.215	0.23
154.95	3.29	0.91	47.23	0.28
155	3.64	0.84	47.245	0.26
155.05	3.32	1.34	47.261	0.41
155.1	3.66	1.34	47.276	0.41
155.15	3.33	1.5	47.291	0.46
155.2	3.17	1.4	47.306	0.43
155.25	3.08	1.22	47.322	0.37
155.3	3.54	1.19	47.337	0.36
155.35	3.27	2.1	47.352	0.64
155.4	4.14	2.32	47.367	0.71
155.45	4.07	1.02	47.383	0.31
155.5	4.03	1.64	47.398	0.5
155.55	4.02	1.87	47.413	0.57
155.6	4.01	1.4	47.428	0.43
155.65	4	0.89	47.444	0.27
155.7	5	2.22	47.459	0.68
155.75	4	1.46	47.474	0.44
155.8	4.5	1.72	47.489	0.52
155.85	4.25	1.29	47.505	0.39
155.9	4.63	0.91	47.52	0.28
155.95	4.31	0.89	47.535	0.27
156	4.16	1.5	47.55	0.46
156.05	4.58	0.76	47.566	0.23
156.1	3.79	0.73	47.581	0.22
156.15	3.89	0.69	47.596	0.21
156.2	3.95	1.28	47.611	0.39
156.25	3.97	0.66	47.627	0.2
156.3	4.49	1.16	47.642	0.35
156.35	3.74	0.66	47.657	0.2
156.4	4.87	1.29	47.672	0.39
156.45	4.94	1.36	47.687	0.41
156.5	4.47	1.03	47.703	0.31
156.55	4.23	1.84	47.718	0.56
156.6	3.62	1.27	47.733	0.39
156.65	3.31	1.25	47.748	0.38
156.7	3.15	1.29	47.764	0.39
156.75	4.58	1.25	47.779	0.38
156.8	3.79	1.01	47.794	0.31
156.85	3.89	1.68	47.809	0.51
156.9	3.45	1.39	47.825	0.42
156.95	4.22	0.96	47.84	0.29
157	5.11	0.79	47.855	0.24
157.05	5.06	0.59	47.87	0.18
157.1	4.53	0.57	47.886	0.17
157.15	4.26	0.5	47.901	0.15

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
157.2	4.63	0.49	47.916	0.15
157.25	4.32	1.13	47.931	0.35
157.3	5.16	0.48	47.947	0.15
157.35	4.58	2.16	47.962	0.66
157.4	4.29	2.53	47.977	0.77
157.46	4.14	1.85	47.992	0.56
157.51	4.57	2.03	48.008	0.62
157.56	4.79	0.91	48.023	0.28
157.61	4.39	1.53	48.038	0.47
157.66	3.7	1.01	48.053	0.31
157.71	3.85	1	48.068	0.3
157.76	4.42	0.54	48.084	0.16
157.81	4.21	0.55	48.099	0.17
157.86	4.61	1.6	48.114	0.49
157.91	4.8	0.68	48.129	0.21
157.96	4.4	1.33	48.145	0.4
158.01	4.7	0.78	48.16	0.24
158.06	4.35	2.43	48.175	0.74
158.11	3.68	1.33	48.19	0.41
158.16	3.34	1.52	48.206	0.46
158.21	3.67	0.86	48.221	0.26
158.26	3.83	2.18	48.236	0.66
158.31	3.42	2.49	48.251	0.76
158.36	3.71	1.63	48.267	0.5
158.41	3.85	1.71	48.282	0.52
158.46	3.93	3.4	48.297	1.04
158.51	4.46	2.27	48.312	0.69
158.56	4.23	0.97	48.328	0.29
158.61	4.12	1.93	48.343	0.59
158.66	4.56	1.43	48.358	0.44
158.71	4.78	1.89	48.373	0.58
158.76	4.89	1.52	48.389	0.46
158.81	4.44	0.66	48.404	0.2
158.86	4.72	0.83	48.419	0.25
158.91	4.36	0.79	48.434	0.24
158.96	5.68	0.38	48.45	0.12
159.01	4.84	0.66	48.465	0.2
159.06	3.92	0.53	48.48	0.16
159.11	4.46	1.1	48.495	0.34
159.16	4.23	0.69	48.51	0.21
159.21	4.12	0.67	48.526	0.2
159.26	4.06	1.09	48.541	0.33
159.31	4.03	2.06	48.556	0.63
159.36	4.01	1.1	48.571	0.34
159.41	4.51	0.7	48.587	0.21
159.46	4.75	0.86	48.602	0.26
159.51	4.88	1.72	48.617	0.53
159.56	4.94	0.9	48.632	0.27
159.61	4.47	0.93	48.648	0.28
159.66	4.23	1.15	48.663	0.35
159.71	4.12	2.95	48.678	0.9
159.76	4.06	2.02	48.693	0.62
159.81	4.03	1.24	48.709	0.38
159.86	4.01	1.26	48.724	0.38
159.91	4.01	1.42	48.739	0.43
159.96	4	0.92	48.754	0.28
160.01	4.5	1.17	48.77	0.36
160.06	4.75	1.3	48.785	0.4
160.11	4.38	0.57	48.8	0.17
160.16	4.19	1.15	48.815	0.35
160.21	5.09	1.58	48.831	0.48
160.26	5.05	0.79	48.846	0.24

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
160.31	5.52	0.76	48.861	0.23
160.36	5.76	0.83	48.876	0.25
160.41	4.88	1.01	48.891	0.31
160.46	5.44	1.09	48.907	0.33
160.51	5.72	1.2	48.922	0.37
160.56	6.36	1.51	48.937	0.46
160.61	6.68	1.12	48.952	0.34
160.66	5.84	1.33	48.968	0.4
160.71	5.42	1.08	48.983	0.33
160.76	5.21	1.21	48.998	0.37
160.81	6.11	1.16	49.013	0.35
160.86	5.55	1.07	49.029	0.33
160.91	6.78	1.16	49.044	0.35
160.96	6.89	1.95	49.059	0.59
161.01	6.94	0.86	49.074	0.26
161.06	5.97	1.01	49.09	0.31
161.11	5.99	0.99	49.105	0.3
161.16	4.99	1.35	49.12	0.41
161.21	5	1.34	49.135	0.41
161.26	5.5	1.55	49.151	0.47
161.31	4.25	1.04	49.166	0.32
161.36	4.62	0.91	49.181	0.28
161.41	4.81	0.57	49.196	0.17
161.46	4.91	0.95	49.212	0.29
161.51	4.95	0.69	49.227	0.21
161.56	5.48	0.98	49.242	0.3
161.61	6.24	0.75	49.257	0.23
161.66	5.62	0.79	49.273	0.24
161.71	5.31	0.78	49.288	0.24
161.76	5.15	0.89	49.303	0.27
161.81	6.58	0.64	49.318	0.2
161.86	6.79	1.18	49.333	0.36
161.91	6.39	1.44	49.349	0.44
161.96	7.2	0.66	49.364	0.2
162.01	6.1	0.62	49.379	0.19
162.06	5.55	1.19	49.394	0.36
162.11	5.27	0.98	49.41	0.3
162.16	5.64	1.36	49.425	0.42
162.21	5.82	1.32	49.44	0.4
162.26	6.41	0.53	49.455	0.16
162.31	6.2	1.91	49.471	0.58
162.36	5.6	6.81	49.486	2.08
162.41	6.3	6.71	49.501	2.05
162.46	6.15	12.97	49.516	3.95
162.51	5.58	10.87	49.532	3.31
162.56	5.29	9.13	49.547	2.78
162.61	5.14	9.73	49.562	2.96
162.66	4.57	10.44	49.577	3.18
162.71	4.79	4.22	49.593	1.29
162.76	5.39	1.99	49.608	0.61
162.81	5.2	1.81	49.623	0.55
162.86	5.1	2.22	49.638	0.68
162.91	5.05	2.78	49.654	0.85
162.96	5.52	3.23	49.669	0.99
163.01	4.76	4.17	49.684	1.27
163.06	4.88	0.98	49.699	0.3
163.11	4.94	2.14	49.715	0.65
163.16	4.97	1.63	49.73	0.5
163.21	4.99	1.57	49.745	0.48
163.26	4.49	2.32	49.76	0.71
163.31	4.75	2.76	49.775	0.84
163.36	4.87	2.17	49.791	0.66

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
163.41	4.94	1.69	49.806	0.52
163.46	4.97	1.18	49.821	0.36
163.51	3.98	0.53	49.836	0.16
163.56	4.49	0.86	49.852	0.26
163.61	4.25	1.39	49.867	0.43
163.66	4.62	0.88	49.882	0.27
163.71	4.31	1.18	49.897	0.36
163.76	4.66	1.23	49.913	0.37
163.81	4.83	1.48	49.928	0.45
163.86	4.41	0.89	49.943	0.27
163.91	4.21	0.8	49.958	0.24
163.96	4.6	1.1	49.974	0.33
164.01	4.8	1.77	49.989	0.54
164.06	4.4	1.44	50.004	0.44
164.11	4.2	2.2	50.019	0.67
164.16	4.1	1.53	50.035	0.47
164.21	4.55	4.49	50.05	1.37
164.26	4.78	2.22	50.065	0.68
164.31	4.39	2.59	50.08	0.79
164.36	4.19	1.15	50.096	0.35
164.41	4.6	2.41	50.111	0.73
164.46	4.3	2.53	50.126	0.77
164.51	4.15	1.56	50.141	0.48
164.56	4.07	2.55	50.156	0.78
164.61	4.04	1.34	50.172	0.41
164.66	3.52	1.06	50.187	0.32
164.71	4.26	0.64	50.202	0.19
164.76	4.63	0.78	50.217	0.24
164.81	4.31	0.65	50.233	0.2
164.86	4.66	0.63	50.248	0.19
164.91	5.33	1.33	50.263	0.41
164.96	5.16	1.58	50.278	0.48
165.01	5.58	1.34	50.294	0.41
165.06	5.29	1.16	50.309	0.35
165.11	4.15	0.97	50.324	0.3
165.16	4.57	1.46	50.339	0.44
165.21	4.79	0.96	50.355	0.29
165.26	4.89	3.55	50.37	1.08
165.31	4.95	0.75	50.385	0.23
165.36	4.97	0.75	50.4	0.23
165.41	4.49	0.68	50.416	0.21
165.46	4.74	1.38	50.431	0.42
165.51	4.87	1.3	50.446	0.4
165.56	4.44	0.96	50.461	0.29
165.61	4.72	3.11	50.477	0.95
165.66	3.86	1.62	50.492	0.49
165.71	3.43	1.78	50.507	0.54
165.76	4.21	1.42	50.522	0.43
165.81	4.11	0.94	50.538	0.29
165.86	4.55	1.25	50.553	0.38
165.91	4.28	1.2	50.568	0.37
165.96	4.64	1.53	50.583	0.47
166.01	4.32	0.53	50.598	0.16
166.06	4.16	0.59	50.614	0.18
166.11	4.08	0.66	50.629	0.2
166.16	4.54	1.16	50.644	0.35
166.21	4.27	0.61	50.659	0.19
166.26	3.63	0.7	50.675	0.21
166.31	3.82	0.67	50.69	0.2
166.36	4.41	1.1	50.705	0.33
166.41	3.7	1.51	50.72	0.46
166.46	3.85	1.32	50.736	0.4

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
166.51	4.43	1.14	50.751	0.35
166.56	4.21	0.73	50.766	0.22
166.61	5.11	1.33	50.781	0.4
166.66	4.55	0.72	50.797	0.22
166.71	4.78	1.18	50.812	0.36
166.76	4.89	0.7	50.827	0.21
166.81	4.44	2.08	50.842	0.63
166.86	4.72	1.21	50.858	0.37
166.91	4.86	0.99	50.873	0.3
166.96	4.93	0.56	50.888	0.17
167.01	5.47	1.38	50.903	0.42
167.06	5.23	0.58	50.919	0.18
167.11	5.12	0.55	50.934	0.17
167.16	5.06	0.92	50.949	0.28
167.21	5.53	1.04	50.964	0.32
167.26	5.76	0.55	50.98	0.17
167.31	5.88	1.12	50.995	0.34
167.36	5.44	0.55	51.01	0.17
167.41	5.22	0.87	51.025	0.26
167.46	5.11	1.11	51.04	0.34
167.51	4.56	0.91	51.056	0.28
167.56	4.28	0.63	51.071	0.19
167.61	4.14	0.75	51.086	0.23
167.66	4.57	4.07	51.101	1.24
167.71	4.28	1.89	51.117	0.58
167.76	4.14	2.7	51.132	0.82
167.81	4.57	1.3	51.147	0.4
167.86	4.29	1.38	51.162	0.42
167.91	4.14	2.28	51.178	0.69
167.96	4.07	2.28	51.193	0.7
168.01	4.54	2.21	51.208	0.67
168.06	3.77	0.57	51.223	0.17
168.11	4.88	3.39	51.239	1.03
168.16	3.94	1.82	51.254	0.56
168.21	4.47	2	51.269	0.61
168.26	4.24	1.19	51.284	0.36
168.31	4.12	2.15	51.3	0.66
168.36	4.56	1.8	51.315	0.55
168.41	4.28	0.91	51.33	0.28
168.46	4.14	1.13	51.345	0.35
168.51	4.57	1	51.361	0.31
168.56	4.28	0.35	51.376	0.11
168.61	3.64	0.66	51.391	0.2
168.66	3.32	0.66	51.406	0.2
168.71	3.16	0.38	51.421	0.12
168.76	3.58	1.01	51.437	0.31
168.81	4.29	1.01	51.452	0.31
168.86	3.65	0.64	51.467	0.2
168.91	3.32	0.92	51.482	0.28
168.96	3.16	1.01	51.498	0.31
169.01	3.58	3.33	51.513	1.02
169.06	3.29	0.73	51.528	0.22
169.11	3.15	1.71	51.543	0.52
169.16	3.57	0.88	51.559	0.27
169.21	4.29	1.7	51.574	0.52
169.26	3.64	0.94	51.589	0.29
169.31	3.82	1.13	51.604	0.34
169.36	3.91	1.18	51.62	0.36
169.41	3.46	1.35	51.635	0.41
169.46	3.73	1.01	51.65	0.31
169.51	3.86	1	51.665	0.31
169.56	3.43	1.09	51.681	0.33

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depth (ft)	cond	rate (ft/m)	metric depth	metric rate
169.61	3.72	0.87	51.696	0.27
169.66	3.36	1.88	51.711	0.57
169.71	3.68	0.56	51.726	0.17
169.76	3.34	1.04	51.742	0.32
169.81	3.67	0.37	51.757	0.11
169.86	3.33	0.47	51.772	0.14
169.91	3.67	0.39	51.787	0.12
169.96	3.83	0.77	51.803	0.23
170.01	3.42	0.52	51.818	0.16
170.06	3.21	1.09	51.833	0.33
170.11	3.6	0.49	51.848	0.15
170.16	3.3	0.99	51.863	0.3
170.21	3.15	0.52	51.879	0.16
170.26	3.08	0.71	51.894	0.22
170.31	3.04	0.64	51.909	0.19

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