

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centredale Manor, North Providence, RI	
BORING NUMBER: CMS-147	COORDINATES:	DATE:
ELEVATION:	GWL: Depth 3.0 ft Date/Time 6/24/99/0515	DATE STARTED: 6/24/99
ENGINEER/GEOLOGIST: m. Reilly	Depth	Date/Time
DRILLING METHODS: Hand Auger	DATE COMPLETED: 6/24/99	
PAGE 1		OF 1

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS-147 A	-	12"	(F11) Dark brown Sandy SILT to SILTY SAND, roots and debris (plastic & metal fragments) dry 0.5'	N/A	-	-	Backsight Readings Red: 8.00/hr PIU: 0.00pm
1	CMS-147 B	-	12"	(F11) Light brown silty fine to coarse SAND, some rust red staining, some weathered and non-weathered gravel, dry 1.0'	N/A	-	-	Red: 8.00/hr (6" borehole) PIU: 0.00pm * Brought up plastic boring hole cover and piece of steel (drum) Red: 10.00/hr (12" borehole) PIU: 0.00pm Sample collected 0856
2	CMS-147 C	-	12"	(F11) Light brown to yellow brown medium to coarse SAND, rounded gravel, metal fragments, (F11) Dark brown to gray brown SILT and fine to coarse SAND, fine gravel, debris (plastic shavings, rusted metal fragments, dark gray plastic-like material, pockets of yellowish-orange and bright purple unidentified material) 2.0'	N/A	-	-	Red: 10.00/hr (18" borehole) PIU: 0.00pm Sample collected 0903
3				(F11) Brownish gray silty SAND debris (plastic shavings, latex(?), metal fragments, wood fragments), moist to wet	N/A	-	-	Sample collected 0915
3				End of Exploration at 3 feet.				
4								
5								

NOTES:

Drilling Contractor IT
Drilling Equipment Hand Auger (3" & 4")
Driller: _____

Reference: Field Book: C.R., RI

Hand Auger Book 1

pp 38-41

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 732873	PROJECT NAME: Cedar Lake Manor, North Providence, RI	
BORING NUMBER: CMS-148	COORDINATES:	DATE:
ELEVATION:	GWL: Depth 0.5 ft Date/Time 6/24/99/1035	DATE STARTED: 6/24/99
ENGINEER/GEOLOGIST: M. Reilly	Depth	DATE COMPLETED: 6/24/99
DRILLING METHODS: Hand Auger	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (ft)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation with.				Background Readings Rad: 5 uR/hr PID: 0.000 m
0.5	CMS-148 A	-	12"	Moderate brown PEAT, roots, wet.	PT	-		
1				Olive brown to grayish brown, silty fine to coarse SAND, saturated.	SM	-		Rad: 5 uR/hr (Borehole) PID: 13.0 ppm Sample collected 1037
2				End of Exploration at 1.0 ft, due to water table.				
3								
4								
5								

NOTES:	
Drilling Contractor: IT	Reference: Field Book: C.R., RI
Drilling Equipment: Hand Auger (3")	Hand Auger Book 1
Driller:	pg 48 & 49



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 803	PROJECT NAME: Centedale Manor, North Providence, RI		
BORING NUMBER: CMS-149	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/25/99
ENGINEER/GEOLOGIST: M. Reilly	Depth	Date/Time	DATE COMPLETED: 6/25/99
DRILLING METHODS: Hand Auger			PAGE 1 OF 1

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
0.5				Surface: Vegetation				Background Readings Rel 2 mR/hr PID 0.0 ppm
1	CMS-149 A	1	12"	(Silty PEAT) moderate to dark brown SILT and PLANT FRAGMENTS with some malaise to coarse sand, moist to wet. 0.6'	PT			Rel: 2 mR/hr (Borehole) PID: 0.0 ppm Sample collected 1434*
2				Olive brown to yellow brown, silty, coarse SAND, saturated.	SP SM			
3				End of Exploration at 1.0 foot, due to water table.				*CMS-149A-MS and CMS-149A-SD collected as well.
4								
5								

NOTES:

Drilling Contractor IT
 Drilling Equipment Hand Auger (4")
 Driller: _____

Reference: Field Book: C.R. RI
 Hand Auger Book 1
 pp. 78 + 79



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782833	PROJECT NAME: Centredale Manor, North Providence, RI	
BORING NUMBER: CMS-150	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 6/25/90
ENGINEER/GEOLOGIST: m. Rully	Depth Date/Time	DATE COMPLETED: 6/25/90
DRILLING METHODS: Hand Auger	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation, sand/silt.				Background Readings Rd: 2.5 mR/hr PID: 0.0 ppm
1	CMS-150 A	-	12"	Dark brown to brownish black, silty, medium SAND to sandy SILT, with roots, moist	SM			Rd: 2.5 mR/hr (Background) PID: 0.0 ppm Sample collected 1447*
2	CMS-150 B	-	12"	Brownish gray to grayish black, silty fine to coarse SAND, layer of coarse sand (w/no fines), saturated	SM			Rd: 2 mR/hr PID: 0.0 ppm Sample collected 1452
3				End of Exploration at 2.0 feet, due to water table.				
4								
5								

NOTES:

Drilling Contractor IT
Drilling Equipment Hand Auger (5")
Driller: _____

Reference: Field Book: C.R., RI
Hand Auger Book 1
p.p. 74 + 75 MSR
80 + 81



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782853	PROJECT NAME: Centerville Manor North Providence, RI	
BORING NUMBER: Cms-152	COORDINATES:	DATE:
ELEVATION:	GWL: Depth 3.0 ft Date/Time 6/21/99	DATE STARTED: 6/21/99
ENGINEER/GEOLOGIST: M. Kelly	Depth Date/Time	DATE COMPLETED: 6/21/99
DRILLING METHODS: Hand auger	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY ()	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: RipRap (rocks)				Background readings: Rd: 13.4 uhr FID: 0.0 ppm
0.5'	Cms-152 1535 A	N/A	3"	Vegetation to 6"				
1'				Fill: Loose medium brown SILT and Fine to coarse SAND, moist, dark brown to brownish-black staining at tip, some ref. (glass)	N/A	N/A	N/A	Rucky drilling FID: 0.0 ppm Rd: N/A Sample collected 1535
2'	Cms-152 1536 B	N/A	2"	Fill: med. brown, coarse to Fine SAND and SILT, organic material (peat), glass fragments	N/A	N/A	-	FID: 0.0 (barrel + sample) Rd: N/A Sample collected 1612
3'	Cms-152 1537 C	N/A	5"	Fill: Brown to dark brown Fine SILT and SAND and SILT, moist to wet at 3ft, - some purple staining	N/A	N/A	-	FID: 63 ppm (sample) 15 ppm (barrel)
3.0'				End of exploration @ 3ft.				

NOTES:

Drilling Contractor IT
 Drilling Equipment Hand auger (3")
 Driller: _____

Reference: Field Book: C.R., RI
 Hand Auger Book 1
 pp 2-4

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centerville Manor, North Providence, RI	
BORING NUMBER: Cms-154	COORDINATES:	DATE:
ELEVATION:	GWL: Depth 2.5 Ft Date/Time 6/24/99/1320	DATE STARTED: 6/24/99
ENGINEER/GEOLOGIST: M. Kelly	Depth Date/Time	DATE COMPLETED: 6/24/99
DRILLING METHODS: Hand Auger	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY ()	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation				Background Readings: REMARKS Rad: 10 μ R/hr F10: 1.2 ppm P10: 0.6 ppm
1	Cms-154 A	N/A	12"	Thin, moderate brown to red-brown SILT, Fine to medium SAND, GRAVEL + REFUSE (plastic), dry. (FILL) 0.5'	-	-	-	Rad: 10 μ R/hr F10: 0.2 ppm P10: 0.5 ppm
2	Cms-154 B	N/A	12"	Moderate brown CLAY + SILT, some sand & gravel. Refuse (plastic, glass + bone) (FILL)	-	-	-	Sample collection: 1004 (Refused 3 times, final hole ~ 5" south of orig. loc.) RAD: 10 μ R/hr (1-1.5) F10: 28.1 ppm P10: 0.8 ppm
3	Cms-154 C	N/A	12"	(FILL) Dark brown to black SILT Fine to coarse SAND, debris (glass, drum gasket, battery fragments, metal, wood, plastic, fragments of light gear to white rubberized latex material), moist 2.0'	-	-	-	RAD: 10 μ R/hr (2') F10: 484.1 ppm (2') Sample collected 1036
4				Gray-black to black organic SILT w/ roots, moist to wet 2.5'	OH	-	-	RAD: 6 μ R/hr F10: 27.6 ppm P10: 34.6 ppm
5				Gray-black to olive brown organic SILT (part), coarse SAND, wet. PT	PT	-	-	Sample collected 1323
				End of exploration at 3 ft.				

NOTES:

Drilling Contractor IT
 Drilling Equipment Hand Auger (4" x 3")
 Driller: _____

Reference: Field Book - C.R., RI
 Hand Auger Book 1
 pp 5-9, 14/15

Breathing Zone Readings: 4.8 ppm
 7.0 ppm
 (Elevated hole @ 1045, returned to complete boring @ 1320)



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centredale Manor, North Providence, RI		
BORING NUMBER: CMS-155	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 5/22/99
ENGINEER/GEOLOGIST: M. R. Lilly	Depth	Date/Time	DATE COMPLETED: 6/22/99
DRILLING METHODS: HAND AUGER	PAGE		OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY ()	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation				Background Readings Rad: 10 μ R/hr FID: 1.0 ppm
1	CMS-155-A	N/A	12"	(Fill) Light to dark brown silty SAND to sandy SILT; rounded gravel, trace debris (glass), etc.	N/A	N/A		RAD: 10 μ R/hr FID: 0.0 ppm Refusal @ 6", reworked 6" to SW of orig. hole. Sample collected @ 1100
2	CMS-155-B	N/A	12"	Olive brown coarse SAND, tan coarse GRAVEL thin & yellow-green sandy SILT (FILL?)	N/A	N/A		Rad: 10 μ R/hr FID: 0.0 ppm
				Refusal at 2 ft - metal object				Pieces of metal in cuttings.
				End of Exploration at 2 ft (unable to get past obstruction)				
3								
4								
5								

NOTES:

Drilling Contractor: IT
Drilling Equipment: HAND AUGER (3" + 4")
Driller: _____

Reference: Field Book: C.R., RI
Hand Auger Book)

PP 10-13, 16

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centredale Manor, North Providence, RI		
BORING NUMBER: CMS-155	COORDINATES:	DATE:	
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 7/02/99
ENGINEER/GEOLOGIST:	Depth	Date/Time	DATE COMPLETED: 7/02/99
DRILLING METHODS:	PAGE 2 OF 2		

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1				See pg 1 for 0'-2' details and description				On 7/2/99 attempt, relocated five (5) times in attempt to reach 72."
2								Background Readings (7/2/99) Rat 7 MR/hr PID 0.0 ppm
3				No sample collected				difficult, rocky drilling. No sample collected.
4	CMS-155 D	12"		Glutinous (gelatinous) white, off-white, pinkish greenish gray, dark green and blue green unknown material with clay-like consistency. Includes metal, plastic, fabric, saturated (possible drum contents)	N/A			Rat 6 MR/hr PID 0.0 ppm Sample collected 1001
5	CMS-155 E	12"		Moderate brown to dark brown silty PEAT, moist.	PT			Rat N/A PID ↓ Sample collected 1023
6	CMS-155 F	12"		Dark brown, organic, sandy SILT, roots, moderate to high plasticity. Olive gray to olive brown silty, medium to coarse SAND, saturated.	OH SM			Rat 6 MR/hr PID 19.4 ppm Sample collected 1038

NOTES: End of Exploration at 6.0 ft. due to Water Table.

Drilling Contractor IT

Drilling Equipment Hand Auger (4", 3", 2")

Driller: _____

Reference: Field Book: C.B., R.T.

HAND AUGER BOOK 1

PP 132 through 135



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centerville Manor, North Providence, RI		
BORING NUMBER: CMS-156	COORDINATES:	DATE:	
ELEVATION:	GWL: Depth 1.0 ft Date/Time 6/24/99/1156	DATE STARTED: 6/24/99	
ENGINEER/GEOLOGIST: m. Reilly	Depth	Date/Time	DATE COMPLETED: 6/24/99
DRILLING METHODS: Hand Auger	PAGE 1 OF 1		

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation + silt.				Background Readings: Red: 8 uR/hr PID: 0.0 ppm
1	CMS-156 A			Moderate brown PEAT, Roots. Dry (moist at 1 ft.).	PT	-	-	Red: 8 uR/hr (Borehole) PID: 0.0 ppm (Borehole) Sample collected 1156
				moderate to dark brown PEAT, wet.	PT	-	-	
2				Grayish-brown to black SILT and PEAT, 1.5' layer of medium gray coarse SAND, saturated	PT/SP	-	-	No sample collected due to standing water at 1 ft.
3				End of Exploration at 2 ft, due to water table + standing water in borehole				
4								
5								

NOTES:

Drilling Contractor IT
Drilling Equipment Hand Auger (3")
Driller: _____

Reference: Field Book: C.R., RI
Hand Auger Book 1
pp 50 + 51



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782593	PROJECT NAME: Central Mass., North Providence, RI		
BORING NUMBER: CMS-157	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: M. Reilly	Depth	Date/Time	DATE COMPLETED: 6/29/99
DRILLING METHODS: Hand Auger			PAGE 1 OF 1

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation				Background Readings Rad: 6 uR/hr FID: 0.0 ppm
0.75'	CMS-157	-	12'	Moderate brown, dirty SILT with roots, occasional fine gravel, moist.	OL			
	A			Grayish brown sandy SILT to silty SAND, wet.	SM			Rad: 6 uR/hr FID: 0.0 ppm
				Light brown to yellowish brown, medium to coarse SAND, saturated.	SP			Sample collected 0922
1				End of Exploration at 1.0 Foot, due to Water table.				
2								
3								
4								
5								

NOTES:

Drilling Contractor: IT
Drilling Equipment: Hand Auger (4")
Driller:

Reference: Field Book: C.E., RI

Hand Auger Book 1

pp 94 + 95



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centerville Manor, North Providence, RI		
BORING NUMBER: CMS-158	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED:
ENGINEER/GEOLOGIST: M. Reilly	Depth	Date/Time	DATE COMPLETED:
DRILLING METHODS: Hand Auger	PAGE		OF

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Part, vegetation moderate brown, silty PEAT with lots of roots, dry.	PT			Background Readings RAD 6 µR/hr FID 0.000 m
	CMS 158 A	-	12"	mod. brown to grayish brown SILT and fine to coarse SAND, texture of olive gray F.C. Sand, moist 0.7'	SM			RAD 6 µR/hr FID 0.422 m
				Grayish brown, silty medium to coarse SAND, moist to wet.	SM			Sample Collected 0733
			6"	Dark brown to grayish brown, silty, fine SAND grading downward to olive brown to grayish brown, Saturated	SM			RAD: 6 µR/hr FID: 0.300 m
2				End of Exploration at 1.5 Ft, due to water table.				
3								
4								
5								

NOTES:	Reference: Field Book, C.R., RI
Drilling Contractor: IT	Hand Auger Book 1
Drilling Equipment: Hand Auger (3")	pp 96 + 97
Driller:	



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 78283	PROJECT NAME: Centerville Manor, North Providence, RI		
BORING NUMBER: CMS-159	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: M. Gilly	Depth	Date/Time	DATE COMPLETED: 6/29/99
DRILLING METHODS: Hand Auger			PAGE 1 OF 1

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
0.5'				Surface: Peat Vegetation				Background Readings
	CMS-159 A	-	12'	maroon to reddish brown, silty PEAT, roots, white plastic, moist	PT			Red: 9 mR/hr FLD: 0.000 m
1				Gray-brown to black sandy SILT, roots, saturated.	ML			Red: 11 mR/hr FLD: 45 ppm Sample collected at 1122
2				End of exploration at 1.0 foot, due to Water table.				
3								
4								
5								

NOTES:

Drilling Contractor IT
 Drilling Equipment Hand Auger (3")
 Driller: _____

Reference: Field Book C.R., RI
 Hand Auger Book 1
 pp 98 + 99



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centisdale Manor, North Providence, RI		
BORING NUMBER: cms-160	COORDINATES:	DATE:	
ELEVATION:	GWL: Depth 2.0 ft	Date/Time 6/23/99	DATE STARTED: 6/23/99
ENGINEER/GEOLOGIST: M. Reilly	Depth	Date/Time	DATE COMPLETED: 6/23/99
DRILLING METHODS: HAND AUGER	PAGE 1		OF

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (in)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation				Background Readings FI: 1.4 ppm PI: 0.3 ppm Red: 5 uR/hr
1	Cms-160 A	-	(fill) 12" (fill)	Dark brown organic SILT with debris (rubber gaskets), moist, roots. moderate brown, silt, sand, moist.	N/A	-	-	Red: 3 uR/hr FI: 0.4 ppm PI: 0.0 ppm Sample collected 0905
2	Cms-160 B	-	4" 5"	Red brown to dark brown organic, silt, PEAT, moist	PT	-	-	Red: 3 uR/hr FI: 0.0 ppm PI: 0.0 ppm Sample collected 0909
3	Cms-160 C	-	4"	moderate brown to Olive brown sandy PEAT to Sand, CLAY, wet.	PT/CL	-	-	Red: 5 uR/hr FI: 4 ppm PI: 2.3 ppm Sample collected 0921
4				End of Exploration at 3 ft.				
5								

NOTES:

Drilling Contractor IT
Drilling Equipment Hand Auger (2" x 3")
Driller: _____

Reference: Field Book, C.R., RI
Hand Auger Book 1
AP 22, 23

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 752893	PROJECT NAME: Centredale Manor, North Providence, RI	
BORING NUMBER: Cms-161	COORDINATES:	DATE:
ELEVATION:	GWL: Depth 2.0 ft Date/Time 6/23/99/1511	DATE STARTED: 6/23/99
ENGINEER/GEOLOGIST: M. Reilly	Depth Date/Time	DATE COMPLETED: 6/23/99
DRILLING METHODS: Hand Auger	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY ()	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	Background Readings REMARKS
				Surface: Sand Gravel some vegetation				Red: 5 μ N/hr FI0: 0.0 ppm PI0: 0.0 ppm
1	Cms-161 A	1	124	(F-11) Brown, silty SAND and GRAVEL, some roots, dry	N/A	-	-	Relocated 3 times due to refusal. Red: 5 μ N/hr FI0: 0.0 ppm PI0: 0.0 ppm Sample collected 0936
2	Cms-161 B	-	13'	(F-11) Yellow-brown silty fine to coarse SAND + rounded GRAVEL, occasional metal debris, roots, wet.	N/A	-	-	Relocated three Red: 5 μ N/hr FI0: 0.0 ppm PI0: 2.3 ppm Sample collected at 1011
3				End of Exploration at 25 ft.				
4								
5								

NOTES:

Drilling Contractor IT

Drilling Equipment Hand Auger (3")

Driller: _____

Reference: Field Book: C.R. RI

Hand Auger Book 1

pp 24-27



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centerville Manor, North Providence, RI		
BORING NUMBER: Cms-162	COORDINATES:	DATE:	
ELEVATION:	GWL: Depth N/A	Date/Time	DATE STARTED: 6/22/99
ENGINEER/GEOLOGIST: M. Reilly	Depth	Date/Time	DATE COMPLETED: 6/22/99
DRILLING METHODS: Hand Auger			PAGE 1 OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY IN/ches	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Surface: Vegetation				Background Readings Rad: 5 μ R/hr FID: 0.0 ppm
1	Cms-162 A	-	12"	Yellowish brown, Silty SAND to sandy SILT, roots, Fine Gravel, dry	Sm	-	-	RAD: 5 μ R/hr FID: 0.0 ppm Sample collected 1440
2	Cms-162 B	-	12"	Yellowish-brown sandy SILT, Fine Gravel, dry	Sm/Gm	-	-	RAD: 5 μ R/hr FID: 0.0 ppm Sample collected 1447
3	Cms-162 C	-	12"	Same as above	sy/Gm	-	-	RAD: 5 μ R/hr FID: 0.0 ppm Sample collected 1503
				Refusal at 3ft.				
				End of Exploration at 3ft due to Refusal.				No groundwater encountered.
4								
5				See pg 2 for "D" interval sample details and description.				

NOTES:

Drilling Contractor IT
 Drilling Equipment Hand Auger (3" x 4")
 Driller: _____

Reference: Field Book: C.R., RI
 Hand Auger Book 1
 pp 20, 21



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782893	PROJECT NAME: Centredale Manor, North Providence, RI		
BORING NUMBER: CMS-162	COORDINATES:	DATE:	
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 7/02/99
ENGINEER/GEOLOGIST: m. Reilly	Depth	Date/Time	DATE COMPLETED: 7/02/99
DRILLING METHODS: Hand Auger			PAGE 2 OF 2

DEPTH ()	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY ()	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1				See pg 1 for 0'-3' interval details and description				★ 7/02/99 - Relocated Five (5) times due to obstructions.
2								7/02/99 Background Readings Rad: 8 uR/hr PMD: 0.0 ppm
3				(FILL) Dark olive gray to black SILT, Fine to medium SAND, plant fragments and debris (metal fragments, plastic (shading and hard fragments), wood fragments), saturated.	N/A	-		Rad 8 uR/hr. PMD 0.0 ppm Sample collected 1323
4	CMS- 162 3	-	12"	End of Exploration at 4.0 feet, due to water table.				
5								

NOTES:

Drilling Contractor IT
Drilling Equipment Hand Auger (3", 2")
Driller: _____

Reference: Field Book: C.R., RI

Hand Auger Book 1
pp 136 through 139