



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centrevale Manor, North Providence R.	
BORING NUMBER: CMS 420	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/2/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/2/99
DRILLING METHODS: Geoprobe.	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 420A		12	Asphalt 0-2", Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 420B		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, moist	GM			FID 0.0ppm
3	CMS 420C		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0pp
4	CMS 420D		12	6" Gravel sand and silt, same as above then 6" Silty Sand, coarse to fine sand, rootlets, dark brown wet.	GM SM			FID 0.0ppm EOB 4ft
5								

NOTES

Drilling Contractor

Drilling Equipment

Driller

Zebru
Geoprobe



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS 427	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 7/6/99
ENGINEER/GEOLOGIST: B. Bowen	Depth	Date/Time	DATE COMPLETED: 7/6/99
DRILLING METHODS: Geo probe			PAGE 1 OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 427A		12	Asphalt 0-2", Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, grayish brown, moist, fill.	GM			FID 20ppm
2	CMS 427B		12	Fill, Gravel sand and silt, weak, medium to fine gravel, coarse to fine sand, grayish brown, moist.	GM			FID 57ppm
3	CMS 427C		12	Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, gray to dark gray moist.	GM			FID 42ppm
4	CMS 427D		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, dark gray, moist to wet at 4ft.	GM			FID 62ppm
5	CMS 427E		12	Silty Sand, coarse to fine sand, dark gray, wet.	SM			FID 12ppm
	CMS 427F		12	Silty Sand, coarse to fine sand, brown, wet.	SM			FID 8ppm

NOTES

Drilling Contractor Zebra
 Drilling Equipment Geoprobe
 Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centerville Manor, North Providence R	
BORING NUMBER: CMS 427	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/6/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/6/99
DRILLING METHODS: Geoprobe	PAGE 2 OF 2	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 4276		12	Silty Sand, coarse to fine sand, grayish brown, wet	SM			FID 6ppm
8	CMS 427H		12	Silty Sand, coarse to fine sand, grayish brown, wet	SM			FID 6ppm EOB 8ppm
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NOTES:

Drilling Contractor Zebra
Drilling Equipment Geoprobe
Driller _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>	PROJECT NAME: <u>Centerville Manor, North Providence RI</u>		
BORING NUMBER: <u>CMS 419</u>	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>7/7/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>7/7/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>2</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 419A		12	Fill, Asphalt 0-2", Gravel sand and silt, coarse to fine gravel, coarse to fine sand, Brown, moist	GM			FID 5.0ppm
2	CMS 419B		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, grayish brown moist.	GM			FID 17ppm
3	CMS 419C		12	Gravel, sand and silt, fine gravel, coarse to fine sand, brown, moist.	GM			FID 16ppm
4	CMS 419D		12	Gravel, sand and silt, fine gravel, coarse to fine sand, dark brown, moist to wet at 4ft bgs.	GM			FID 25ppm
5	CMS 419E		12	Silty sand, coarse to fine sand, dark brown, wet.	SM			FID 8ppm
	CMS 419F		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, dark Brown, wet.	GM			FID 6ppm

NOTES:

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centerville Manor, North Portland Rd.	
BORING NUMBER: CMS 419	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/7/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/7/99
DRILLING METHODS: Geoprobe	PAGE 2 OF 2	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 419G		12	Gravel, sand and silt. coarse to fine gravel, coarse to fine sand, grayish brown, wet.	GM			FID 2ppm
8	CMS 419H		12	Gravel, sand and silt. medium to fine gravel, coarse to fine sand, dark brown, wet.	GM			FID 19ppm EOB 8ft
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Drilling Contractor _____

Drilling Equipment _____

Driller _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS-423	COORDINATES:		DATE: 7
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 7/7/99
ENGINEER/GEOLOGIST: B. Boven	Depth	Date/Time	DATE COMPLETED: 7/7/99
DRILLING METHODS: Geoprobe			PAGE 1 OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 423A		12	fill Ashalt 0-2", Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 423B		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
3	CMS 423C		12	Silty sand, coarse to fine sand, brown, moist.	SM			FID 0.0ppm
4	CMS 423D		12	Gravel sand and silt, fine gravel, coarse to fine sand, brown, moist to wet at 3.5 ft bgs.	GM			FID 0.0ppm
5	CMS 423E		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown wet.	GM			FID 1.5ppm
	CMS 423F		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown wet	GM			FID 2.5ppm

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Drilling Contractor Zebra
 Drilling Equipment Geoprobe
 Driller _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centricale Manor, North Providence R.	
BORING NUMBER: CMS 423	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/7/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/7/99
DRILLING METHODS: Geoprobe	PAGE 2 OF 2	

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Drilling Contractor Zebra

Drilling Equipment Geoprobe

Dr. ...



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>	PROJECT NAME: <u>Centredale Manor, North Providence RI</u>		
BORING NUMBER: <u>CMS 426</u>	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>7/7/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>7/7/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>2</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 426A		12	Fill, Asphalt 0-2", Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 426B		12	Gravel sand and silt, organic material, rootlets, medium to fine gravel, coarse to fine sand, dark brown, moist.	GM			FID 0.0ppm
3	CMS 426C		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, moist	GM			FID 0.0ppm
4	CMS 426D		12	Gravel sand and silt, fine gravel, coarse to fine sand, brown, moist to wet at 4ft.	GM			FID 0.0ppm
5	CMS 426E		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown wet.	GM			FID 0.0ppm
	CMS 426F		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, wet.	GM			FID 0.0ppm

NOTES:

Drilling Contractor Zebra
 Drilling Equipment Geoprobe
 Driller _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>	PROJECT NAME: <u>Centredale Manor, North Providence R.</u>	
BORING NUMBER: <u>CMS 426</u>	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: <u>7/7/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth Date/Time	DATE COMPLETED: <u>7/7/99</u>
DRILLING METHODS: <u>Geoprobe</u>		PAGE <u>2</u> OF <u>2</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 426G		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, wet.	GM			FID 0.0ppm
8	CMS 426H		12	Gravel, sand and silt, fine gravel, coarse to fine sand, grayish brown, wet.	GM			FID 0.0ppm EOB 8ft
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Drilling Contractor: Zebra
 Drilling Equipment: Geoprobe
 Driller: _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>282 893</u>	PROJECT NAME: <u>Centredale Manor, North Providence RI</u>		
BORING NUMBER: <u>CMS-425</u>	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>7/8/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>7/8/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>2</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 425A		12	Fill, Asphalt 0-2", Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, dark brown, moist.	GM			PID 0.0ppm
2	CMS 425B		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown to tan, moist.	GM			PID 0.0ppm
3	CMS 425C		12	Gravel, sand and silt, fine gravel, coarse to fine sand, dark brown, moist.	GM			PID 0.0ppm
4	CMS 425D		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, moist to wet at 4ft.	GM			PID 0.0ppm
5	CMS 425E		12	Gravel, sand and silt, fine gravel, coarse to fine sand, dark brown, wet.	GM			PID 0.0ppm
6	CMS 425F		12	Gravel, sand and silt, fine gravel, coarse to fine sand, brown, wet.	GM			PID 0.0ppm

NOTES

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centretake Manor, North Providence RI	
BORING NUMBER: CMS-425	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/8/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/8/99
DRILLING METHODS: Geoprobe	PAGE 2 OF 2	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 4256		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, dark brown, wet.	GM			PID 0.0ppm
8	CMS 4254		12	Gravel sand and silt, coarse to fine gravel, coarse to fine sand, dark brown, wet.	GM			PID 0.0ppm EOB 8ft
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NOTES

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centrable Manor, North Providence RI	
BORING NUMBER: CMS-429	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/8/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/8/99
DRILLING METHODS: Geoprobe		PAGE 1 OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 429A		12	Fill, Asphalt 0-2", Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 429B		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, dark brown, moist.	GM			FID 0.0ppm
3	CMS 430C		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, dark brown, moist.	GM			FID 52ppm
4	CMS 430D		12	Silty sand, medium to fine sand, dark brown, moist to wet at 4ft.	SM			FID 15ppm
5	CMS 430E		12	Silty sand, coarse to fine sand, brown to dark brown, wet.	SM			FID 7ppm
6	CMS 430F		12	Silty sand, coarse to fine sand, brown, wet.	SM			FID 6ppm

NOTES:

Drilling Contractor Zebra
 Drilling Equipment Geoprobe
 Driller _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor North Providence R.I.	
BORING NUMBER: CMS-429	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/8/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 2/8/99
DRILLING METHODS: Geoprobe		PAGE 2 OF 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 4306		12	Silty sand, coarse to fine sand, brown, wet.	SM			FID 5ppm
8	CMS 4304		12	Gravel, sand and silt, granite cobble, medium to fine gravel, coarse to fine sand, dark brown, wet	GM			FID 0ppm
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Drilling Contractor _____

Drilling Equipment _____

Order _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>	PROJECT NAME: <u>Centredale Manor, North Providence RI</u>		
BORING NUMBER: <u>CMS 421</u>	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>7/8/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>7/8/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>2</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 421A		12	Fill, Asphalt 0-2", Gravel sand and silt, medium to fine gravel and sand, brown moist.	GM			FID 0.0ppm
2	CMS 421B		11	5" Gravel sand and silt, same as above then 6" silty sand, coarse to fine sand, dark gray, moist.	GM SM			FID 0.0ppm
3	CMS 421C		12	Silty sand, medium to fine sand, dark gray with white streaks, rootlets moist	SM			FID 0.0ppm
4	CMS 421D		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, wet at 3.5 ft.	GM			FID 1.5ppm
5	CMS 421E		12	Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, dark gray, wet	GM			FID 0.0ppm
	CMS 421F		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, dark gray, wet.	GM			FID 0.0ppm

NOTES

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller _____



INTERNATIONAL
TECHNOLOGY
CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centre Lake Mono - North Providence	
BORING NUMBER: CMS 421	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/8/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/8/99
DRILLING METHODS: Geoprobe	PAGE 2 OF 2	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
7	CMS 421G		12	Gravel sand and silt, coarse to fine gravel, coarse to fine sand, dark gray, wet.	GM			FID 0.0ppm
8	CMS 421H		12	Gravel sand and silt, coarse to fine gravel, coarse to fine sand, dark gray, wet.	GM			FID 2.5ppm EOB 8ft
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NOTES

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 R93	PROJECT NAME: Centerville Manor, North Providence RI	
BORING NUMBER: CMS-433	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 7/9/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 7/9/99
DRILLING METHODS: Geoprobe	PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 433A		12	Fill, Grass 0-2", Gravel sand and silt, coarse to medium gravel, coarse to fine sand, dark brown, moist.	GM			PID 0.0ppm
2	CMS 433B		12	Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown to dark brown, moist.	GM			PID 0.0ppm
3	CMS 433C		12	Silty sand, coarse to fine sand, organic rootlets, brown to dark brown, moist	SM			PID 0.0ppm
4	CMS 433D		12	Silty sand, medium to fine sand, dark brown, wet at 3.8 ft bgs.	SM			PID 0.0ppm EOB 4ft
5								

NOTES

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller _____