



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>		PROJECT NAME: <u>Centredale Manor, North Providence, RI</u>	
BORING NUMBER: <u>CMS 408</u>		COORDINATES:	DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>6/28/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>6/28/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>1</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 408A		12	Fill, Asphalt 0.2", Gravel, Sand and silt, fine gravel, coarse to fine sand, brown, moist.	GM			FID 22ppm
2	CMS 408B		12	Fill, Gravel sand and silt, fine gravel, coarse to fine sand, dark brown, moist.	GM			FID 39ppm
3	CMS 409C		12	Fill, Gravel sand and silt, fine gravel, coarse to fine sand, dark brown, wet at 3.5 ft	GM			FID 75ppm EOB 3ft
4								
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NOTES:

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI	
BORING NUMBER: CMS 407	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 6/28/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 6/28/99
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 407A		12	Fill, 2" Asphalt, Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown to dark brown, moist.	GM			FID 12 ppm
2	CMS 407B		12	Gravel, sand and silt, fine gravel coarse to fine sand, dark brown, moist.	GM			FID 27 ppm
3	CMS 407C		12	Sand and silt, coarse to fine sand, dark brown, moist, metal and glass fragments.	SM			FID 15 ppm
4	CMS 407D		4	Sand and silt, coarse to fine sand, dark brown, wet.	SM			FID 6 ppm EOB 4 ft
5								

NOTES:

Drilling Contractor Lebra

Drilling Equipment Geobrobe

Driller: _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893		PROJECT NAME: Centredale Manor, North Providence RI	
BORING NUMBER: CMS 076		COORDINATES: _____ DATE: _____	
ELEVATION: _____		GWL: Depth _____ Date/Time _____	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bowen		Depth _____ Date/Time _____	DATE COMPLETED: 6/29/99
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 076A		12	Sand and silt, coarse to fine sand, rootlets, dark brown, moist.	SM			PID 0.0ppm
2	CMS 076B		12	Gravel, sand and silt, fine gravel, coarse to fine sand, dark brown, moist.	GM			PID 1.5ppm
3	CMS 076C		12	Sand and silt, coarse to fine sand, brown, moist.	SM			PID 3ppm EOB 3ft
4								
5								

NOTES:

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS 094	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bazen	Depth	Date/Time	DATE COMPLETED: 6/29/99
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 094A		12	Sand and silt, coarse to fine sand, brown, wet at 1ft.	SM			FID 12ppm EOB 1ft.
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3								
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NOTES:

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI	
BORING NUMBER: CMS 102	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 6/29/99
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 102A		12	Fill, Gravel, sand and silt, fine gravel, coarse to fine sand, brown, moist.	Gm			FID 22 ppm
2	CMS 102B		12	Silty sand, coarse to fine sand, brown, moist to wet at 2 ft.	Sm			FID 35 ppm EOB 2 ft
3								
4								
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NOTES:

Drilling Contractor ~~Geoprobe~~ Zebra

Drilling Equipment Geoprobe

Driller:



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centreclark Manor, North Providence RI		
BORING NUMBER: CMS 232	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bowen	Depth	Date/Time	DATE COMPLETED: 6/29/99
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 232A		12	Fill, Gravel, sand and silt, fine gravel, coarse to fine sand, brown, moist.	GM			FID 10ppm
2	CMS 232B		12	Silty sand, coarse to fine sand, brown, moist to wet.	SM			FID 22ppm EOB 2ft.
3								
4								
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NOTES:

Drilling Contractor Zebra

Drilling Equipment Geoprobe

Driller: _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI	
BORING NUMBER: CMS 82	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 6/29/99
DRILLING METHODS: Geoprobe		PAGE 1 OF 1

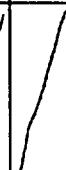
DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 82A		12	Fill, Gravel, sand and silt. fine gravel, coarse to fine sand, brown, moist.	GM			FID 10ppm
2	CMS 82B		12	Silty Sand, coarse to fine sand, brown, moist to wet at 2ft.	SM			FID 51ppm EOB 2ft
3								
4								
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NOTES:

Drilling Contractor Zebra
 Drilling Equipment Geoprobe
 Driller: _____

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS 81	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/29/99
ENGINEER/GEOLOGIST: B. Bowen	Depth	Date/Time	DATE COMPLETED: 6/29/99
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 81A			Fill, Gravel sand and silt, fine gravel, coarse to fine sand, brown, moist.	GM			FID 13ppm
2	CMS 81B			Gravel, sand and silt, fine gravel, coarse to fine sand, brown to gray, wet at 2ft.	GM			FID 10ppm EOB 2ft
3								
4								
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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>Centredale Manor, North Providence RI</u>	
BORING NUMBER: <u>CMS-400a</u>		COORDINATES:	DATE:
ELEVATION:		GWL: Depth Date/Time	DATE STARTED: <u>6/29/99</u>
ENGINEER/GEOLOGIST: <u>B. Brown</u>		Depth Date/Time	DATE COMPLETED: <u>6/29/99</u>
DRILLING METHODS: <u>Geoprobe</u>			PAGE <u>1</u> OF <u>1</u>

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 400A		12	Fill, Asphalt 0-2", Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 1.4ppm
2	CMS 400B		12	Fill, Gravel, sand and silt, fine gravel, coarse to fine sand, brown, moist.	GM			FID 15ppm
3	CMS 400c		12	Gravel, sand and silt, fine gravel, coarse to fine sand Fill, brown to dark brown, moist.	GM			FID 75ppm
4	CMS 400D		12	Sandy silt, medium to fine sand, rootlets, dark brown, moist to wet.	SM			FID 42ppm EOB 4ft
5								

NOTES:

Drilling Contractor Zebru
 Drilling Equipment Geoprobe
 Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: <u>782 893</u>		PROJECT NAME: <u>Centreckle Manor, North Providence RI</u>	
BORING NUMBER: <u>CMS 069</u>		COORDINATES:	DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: <u>6/30/99</u>
ENGINEER/GEOLOGIST: <u>B. Bowen</u>	Depth	Date/Time	DATE COMPLETED: <u>6/30/99</u>
DRILLING METHODS: <u>Geoprobe / Hand auger</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 069A		12	Gravel, sand and silt, medium to fine gravel, medium to fine sand, brown, moist.	GM			PID 0.0ppm
2	CMS 069B		12	Gravel, sand and silt, coarse to fine gravel, medium to fine sand, brown, moist.	GM			Not Screened.
3	CMS 069C		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, dry.	GM			PID 0.0ppm
4	CMS 069D		12	Gravel, sand and silt, medium gravel, coarse to fine sand, brown, moist.	GM			PID 0.0ppm
5	CMS 069E		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			PID 0.0ppm
6	CMS 069F		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			PID 0.0ppm

NOTES:

Drilling Contractor Zebra
 Drilling Equipment Hand auger to 2 ft, then Geoprobe
 Driller: _____



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS 069	COORDINATES:		DATE:
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 6/30/99
ENGINEER/GEOLOGIST: B. Bowen	Depth	Date/Time	DATE COMPLETED: 6/30/99
DRILLING METHODS: Geo probe			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 069G		12	Gravel Sand and silt, medium gravel, coarse to fine sand, brown, moist.	GM			PI D 0.0ppm
8	CMS 069H		12	Gravel Sand and silt, medium to fine gravel, coarse to fine sand, brown, wet at 7.5 ft.	GM			PI D 0.0ppm EOB 8ft
9								
10								
11								
12								

NOTES:

Drilling Contractor Zebra

Drilling Equipment Geo probe

Driller:



INTERNATIONAL
TECHNOLOGY
CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence R.	
BORING NUMBER: CMS 075	COORDINATES:	DATE:
ELEVATION:	GWL: Depth Date/Time	DATE STARTED: 6/30/99
ENGINEER/GEOLOGIST: B. Bowen	Depth Date/Time	DATE COMPLETED: 6/30/99
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 075A		12	Fill, Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, dry.	GM			PID 0.0ppm
2	CMS 075B		12	Fill, Gravel sand and silt, Ash, fine gravel, coarse to fine sand, brown, dry to moist.	GM			PID 0.0ppm
3	CMS 075C		12	Fill, Gravel sand and silt, concrete and brick, fine gravel, coarse to fine sand, brown, moist.	GM			PID 0.0p,
4	CMS 076D			Fill, Gravel sand and silt, Ash, fine gravel, coarse to fine sand, brown, rootlets wet at 4ft.	GM			PID EOB 4ft
5								

NOTES

Drilling Contractor: Zebra
Drilling Equipment: Geoprobe
Driller:



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI		
BORING NUMBER: CMS 424	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 2

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ()	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
1	CMS 424A		12	Asphalt 0-2", Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 424B		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown to gray, moist.	GM			FID 0.0ppm
3	CMS 424C		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown to gray, moist.	GM			FID 12ppm
4	CMS 424D		12	Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, brownish gray, wet at 3.5 ft hgs.	GM			FID 9ppm
5	CMS 424E		12	Gravel, sand and silt, coarse to fine gravel, coarse to fine sand, grayish brown, wet.	GM			FID 0.0ppm
	CMS 424F		12	Gravel, sand and silt, medium to fine gravel, coarse to medium sand, grayish brown, wet	GM			FID 12ppm

NOTES:

Drilling Contractor

Zebra

Drilling Equipment

Geoprobe

Driller:



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centre Dale Manor, North Providence R.I.		
BORING NUMBER: CMS 424	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: Geo probe			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 424G		12	Gravel, sand and some silt, medium to fine gravel, coarse to fine sand, grayish brown, wet.	GM			FID 18 ppm
8	CMS 424H		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, grayish brown, wet.	GM			FID 0.0 ppm
9								

NOTES:

Drilling Contractor

Drilling Equipment

Driller:



VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 782 893	PROJECT NAME: Centredale Manor, North Providence RI	
BORING NUMBER: CMS 422	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 422A		12	Asphalt, 0-2" Fill, Gravel sand and silt, medium to fine gravel, coarse to fine sand, brown, moist.	GM			FID 0.0ppm
2	CMS 422B		12	Fill, Gravel, Sand and silt medium to fine sand, dark brown, moist.	GM			FID 0.0ppm
3	CMS 422C		12	Gravel, sand and silt, medium to fine gravel, coarse to fine sand, brown to dark brown, moist.	GM			FID 12 ppm
4	CMS 422D		12	Sand and silt, coarse to fine sand, brown, wet at 3.5 ft.	SM			FID 0.0ppm EOB 4ft
5								

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Drilling Contractor Zebru

Drilling Equipment Geoprobe

Driller: _____