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BORING LOG RW1-1

County: _____ Quadrangle: _____ Datum: NGVD
 Road No.: _____ Mars No.: _____ Elevation: 640.11 ft
 Item No.: _____ WEI Job No.: 456-01-04 North: 1941141.85 ft
 Project No.: _____ Client: ABNA of Illinois, Inc. East: 1106313.46 ft
 Station: 175+17.6
 Project Type: Mannheim Road Retaining Walls, PTB 153/21 Offset: 57.9 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
639.75	12-inch thick, black and brown SILTY CLAY --TOPSOIL-- Stiff to very stiff, black, brown, and gray SILTY CLAY, trace gravel --FILL--	0		1	2 3 4	2.21 B	21								
		5		2	9 6 7	1.25 B	21								
		10		3	2 4 4	1.00 B	20								
632.1	Stiff to hard, brown and gray SILTY CLAY, trace gravel	10		4	10 15 22	4.59 B	17								
		15		5	9 13 16	6.23 B	18								
		20		6	4 16 17	3.77 B	18								
		25		7	8 9 9	1.72 B	16								
622.1	Very soft, reddish gray SILTY CLAY, trace gravel (Qu=0.25 tsf)	20		8	3 3 4	2.79 B	12								
620.1	Very stiff, gray SILTY CLAY, trace gravel Boring terminated at 20.00 ft	20													

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-15-2011	Complete Drilling	12-15-2011
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	R&K	Logger	A. KURNIA
Checked by	N. BODDY	Time After Drilling	NA
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion;	Depth to Water	NA
Diedrich Auto Hammer		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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BORING LOG RW1-2

County: _____ Quadrangle: _____ Datum: NGVD
 Road No.: _____ Mars No.: _____ Elevation: 640.00 ft
 Item No.: _____ WEI Job No.: 456-01-04 North: 1941236.50 ft
 Project No.: _____ Client: ABNA of Illinois, Inc. East: 1106292.86 ft
 Station: 176+12.5
 Project Type: Mannheim Road Retaining Walls, PTB 153/21 Offset: 38.2 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
639.0	12-inch thick, black and brown SILTY CLAY --TOPSOIL-- Very stiff, black and brown SILTY CLAY, trace gravel and root --FILL--	0		1	3 21 10	3.50 P	20								
		5		2	3 4 6	2.62 B	27								
634.5	Very stiff, brown and gray SILTY CLAY LOAM to SILT	10		3	2 3 5	2.38 B	25								
632.0	Hard, gray SILTY CLAY, trace gravel	10		4	2 6 11	7.46 B	19								
628.5 (Qu > 4.5 tsf)	Medium dense, gray fine SAND	15		5	7 9 7	NP	11								
626.0	Very stiff to hard, gray SILTY CLAY, trace gravel	15		6	2 6 14	4.26 B	20								
		20		7	6 9 11	6.48 B	13								
		25		8	4 5 7	2.71 B	15								
620.0	Boring terminated at 20.00 ft	20													

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-15-2011	Complete Drilling	12-15-2011
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	R&K	Logger	A. KURNIA
Checked by	N. BODDY	Time After Drilling	NA
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion;	Depth to Water	NA
Diedrich Auto Hammer		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

WEIRY_4560104.GPJ WEIRY.GDT 12/19/11

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