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**BORING LOG RW1-3**

County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_ Datum: NGVD  
Road No.: \_\_\_\_\_ Mars No.: \_\_\_\_\_ Elevation: 643.66 ft  
Item No.: \_\_\_\_\_ WEI Job No.: 456-01-04 North: 1941315.73 ft  
Project No.: \_\_\_\_\_ Client: ABNA of Illinois, Inc. East: 1106310.68 ft  
Station: 176+91.5  
Project Type: Mannheim Road Retraining Walls, PTB 153/21 Offset: 56.7 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 (%)
642.7	12-inch thick, black and brown SILTY CLAY --TOPSOIL-- Stiff to very stiff, black, brown, and gray SILTY CLAY, trace gravel	0		1	5 4 4	1.31 B	21								
	--FILL--	5		2	3 5 4	1.56 B	15								
		10		3	3 5 6	1.25 P	28								
		15		4	2 3 4	3.28 B	18								
633.2	Very stiff to hard, brown to gray SILTY CLAY, trace gravel	20		5	5 9 15	4.18 B	18								
		25		6	4 7 10	6.07 B	17								
		30		7	4 8 11	3.03 B	18								
623.7	Boring terminated at 20.00 ft	35		8	4 9 12	7.05 B	15								

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 RW1-4**

County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_ Datum: NGVD  
Road No.: \_\_\_\_\_ Mars No.: \_\_\_\_\_ Elevation: 647.00 ft  
Item No.: \_\_\_\_\_ WEI Job No.: 456-01-04 North: 1941367.40 ft  
Project No.: \_\_\_\_\_ Client: ABNA of Illinois, Inc. East: 1106327.08 ft  
Station: 177+43.0  
Project Type: Mannheim Road Retraining Walls, PTB 153/21 Offset: 73.6 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 (%)
646.1	11-inch thick, black SILTY CLAY --TOPSOIL-- Stiff to very stiff, black, brown, and gray SILTY CLAY, trace gravel	0		1	2 3 4	2.50 P	18								
	--FILL--	5		2	2 2 2	1.75 P	20								
		10		3	2 1 1	1.75 P	20								
		15		4	1 2 3	1.72 B	18								
		20		5	2 2 3	1.39 B	24								
632.0	Hard, gray SILTY CLAY, trace gravel	25		6	2 2 4	1.97 B	24								
		30		7	8 11 15	4.92 B	18								
627.0	Boring terminated at 20.00 ft	35		8	3 7 9	4.10 B	18								

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-16-2011	Complete Drilling	12-16-2011
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	R&K	Logger	N. BODDY
Checked by	A. KURNIA	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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USER NAME =	DESIGNED - SEA	REVISED
	CHECKED - CJE	REVISED
PLOT SCALE =	DRAWN - SCS	REVISED
PLOT DATE = 10/19/2012	CHECKED - SEA	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOG OF BORINGS  
STRUCTURE NO. 016-2009**

SHEET NO. 9 OF 10 SHEETS

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 308
				CONTRACT NO. 60P35
ILLINOIS FED. AID PROJECT				