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Wang Engineering, INC.  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 N Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG RW1-5**

County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_ Datum: NGVD  
Road No.: \_\_\_\_\_ Mars No.: \_\_\_\_\_ Elevation: 647.00 ft  
Item No.: \_\_\_\_\_ WEI Job No.: 456-01-04 North: 1941431.63 ft  
Project No.: \_\_\_\_\_ Client: ABNA of Illinois, Inc. East: 1106327.90 ft  
Station: 178+07.3  
Project Type: Mannheim Road Retraining Walls, PTB 153/21 Offset: 75.0 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 (%)
646.2	10-inch thick, black SILTY CLAY														
	---TOPSOIL---														
	Stiff to very stiff, black, brown, and gray SILTY CLAY, trace gravel	1		1	3 3 4	3.50 P	20								
	---FILL---														
		2		2	2 2 3	2.25 P	20								
		3		3	3 3 4	1.56 B	21								
		4		4	1 2 5	1.25 P	20								
		5		5	3 3 3	1.75 P	23								
		6		6	1 2 3	1.25 P	21								
631.0	Hard, gray SILTY CLAY, trace gravel	7		7	3 6 12	4.76 B	19								
		8		8	6 10 14	4.51 B	17								
627.0	Boring terminated at 20.00 ft	20													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-16-2011	Complete Drilling	12-16-2011	While Drilling	16.00 ft		
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	18.00 ft		
Driller	R&K	Logger	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 RW1-6**

County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_ Datum: NGVD  
Road No.: \_\_\_\_\_ Mars No.: \_\_\_\_\_ Elevation: 643.50 ft  
Item No.: \_\_\_\_\_ WEI Job No.: 456-01-04 North: 1941553.30 ft  
Project No.: \_\_\_\_\_ Client: ABNA of Illinois, Inc. East: 1106342.44 ft  
Station: 179+28.8  
Project Type: Mannheim Road Retraining Walls, PTB 153/21 Offset: 90.6 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 (%)
642.5	12-inch thick, black SILTY CLAY														
	---TOPSOIL---														
	Medium stiff to very stiff, black, brown, and gray SILTY CLAY, trace gravel	1		1	4 4 3	0.82 B	19								
	---FILL---														
		2		2	2 7 4	1.56 B	23								
		3		3	3 4 15	0.90 B	26								
		4		4	3 4 7	3.53 B	24								
633.0	Very stiff to hard, gray SILTY CLAY, trace gravel	5		5	4 3 4	2.54 B	20								
		6		6	2 5 9	5.17 B	17								
		7		7	6 7 11	2.71 B	16								
		8		8	3 4 8	2.30 B	16								
623.5	Boring terminated at 20.00 ft	20													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-16-2011	Complete Drilling	12-16-2011	While Drilling	DRY		
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	DRY		
Driller	R&K	Logger	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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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. 10 OF 10 SHEETS

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 309
CONTRACT NO. 60P35				ILLINOIS FED. AID PROJECT