

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
543.4	Stiff to very stiff, gray SILTY CLAY to SILTY CLAY LOAM, trace gravel --LL%=34, PL%=17-- --%Gravel=3.1-- --%Sand=11.7-- --%Silt=52.3-- --%Clay=32.9-- --A-6 (13)-- --Change in drilling conditions, possible cobbles and gravel (56' to 58')--	58	17	3 4 7	1.23 B	22	518.4	Hard, gray SILTY CLAY LOAM, trace gravel	80	22	17 30 45	8.12 B	16
		60	18	7 12 16	2.62 B	18	513.4	Very dense, gray SILTY LOAM, trace to little gravel	85	23	24 38 35	NP	17
		65	19	4 7 12	1.48 B	17		--Some gravel--	90	24 25	50/5 50/5	NP NP	10 9
528.4	Very dense, gray SILT, trace fine sand lamination	70	20	20 27 33	NP	22	503.3	Very dense, gray SANDY LOAM, trace gravel	95	26	50/5	NP	13
523.4	Very dense, gray SILTY LOAM, trace gravel	75	21	48 50/3	NP	11	499.4	Very dense, gray SILT	100	27	47 50/4	NP	23

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-19-2013	Complete Drilling	08-21-2013	While Drilling	∇	NA	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	∇	NA	
Driller	P&N Logger F. Bozga	Checked by	C. Marin	Time After Drilling	NA		
Drilling Method	2.25" HSA to 15', mud rotary thereafter, boring grouted upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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492.6	--HARD DRILLING-- --Possible Cobbles--	105					492.0	--WEATHERED BEDROCK--	105				
492.0	Strong, poor rock quality, reddish brown to light gray, slightly weathered joints, joint breaks with little to no infill, slightly to moderately vuggy DOLOSTONE, trace small cavities with greenish gray infill	110	1					--Run 1 - RECOVERY=87%-- --ROD=42%--	110				
		115	2					8-inch thick, greenish gray SILTY LOAM (shale) cavity infill (107'-108')	115				
		120						--Run 2 - RECOVERY=88%-- --ROD=37%--	120				
		125						Boring terminated at 113.00 ft	125				

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Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	∇	NA	
Driller	P&N Logger F. Bozga	Checked by	C. Marin	Time After Drilling	NA		
Drilling Method	2.25" HSA to 15', mud rotary thereafter, boring grouted upon completion			Depth to Water	∇	NA	
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584.1	10-inch thick, dark brown, SILTY LOAM --TOPSOIL-- Dense to medium dense, brown SILTY LOAM, little gravel and brick, trace roots	8	1	24 19 24	NP	8	--VOID-- --Abandoned Sewer--	30					
		15	2	8 10 7	NP	8		30					
589.5	Hard, brown SILTY CLAY LOAM, trace gravel and sand layers	15	3	8 10 9	4.50 P	15	--HARD DRILLING-- --Possible CONCRETE--	30					
587.0	Dense, brown GRAVELLY SAND, trace silty clay loam layers	11	4	3 29 11	NP	11		35					
584.5	Very stiff, brown and gray SILTY CLAY, trace gravel	19	5	5 11 9	2.05 B	19		40					
582.0	Very soft to soft, gray CLAY, trace gravel	20	6	1 3 3	0.49 B	20		45					
		22	7	2 2 3	0.41 B	22		50					
		27	8	0 1 2	0.33 B	27							
		26	9	1 1 2	0.25 P	26							
		25	10	1 1 2	0.16 B	25							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2013	Complete Drilling	09-30-2013	While Drilling	∇	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	∇	NA	
Driller	P&N Logger D. Kolpacki	Checked by	C. Marin	Time After Drilling	NA		
Drilling Method	2.25" HSA to 15', mud rotary thereafter, boring backfilled upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

0161723-60W28-508-Boring-NW-1.dgn



USER NAME =	Kritzm	DESIGNED -	DEV	REVISED
		CHECKED -	ATB	REVISED
PLOT SCALE =	N.T.S.	DRAWN -	BRD	REVISED
PLOT DATE =	4/28/2014	CHECKED -	EJO	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS - IV
 NOISE ABATEMENT WALL

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	584A
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT -NUMBER-				

SHEET NO. SD208 OF SD209 SHEETS