

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
578.1	1-inch thick brown SILTY LOAM --TOPSOIL-- Very loose to loose, brown and gray to gray LOAM, trace gravel --FILL--	1	4	NP	4		9	578.1	--In-Situ Vane Shear, 25.5 feet-- --Su undis = 1243.2 psf-- --Su remold = 725.2 psf-- --Sensitivity = 1.714--	1	4	NP	4		9
570.2	Very soft to soft, gray CLAY to SILTY CLAY, trace gravel	2	2	NP	2		10	--LL(%)=35, PL(%)=17-- --%Gravel=2.6-- --%Sand=9.8-- --%Silt=46.6-- --%Clay=41.0-30-- --A-6 (15)--	2	2	NP	2		10	
		3	1	P	1	0.25	16	--In-Situ Vane Shear, 30.5 feet-- --Su undis = 2481.6 psf-- --Su remold = 1085.7 psf-- --Sensitivity = 2.29--	3	1	P	1	0.25	16	
		4	1	B	1	0.41	25	--In-Situ Vane Shear, 35.5 feet-- --Su undis = 1964.6 psf-- --Su remold = 1344.2 psf-- --Sensitivity = 1.46--	4	1	B	1	0.41	25	
		5	0	B	0	0.49	25	Siff to very stiff, gray SILTY CLAY, trace gravel	5	0	B	0	0.49	25	
		6	1	B	1	0.49	23		6	1	B	1	0.49	23	
		7	0	B	0	0.16	27		7	0	B	0	0.16	27	
		8	0	B	0	0.25	26		8	0	B	0	0.25	26	
		9	1	B	1	0.41	23		9	1	B	1	0.41	23	
		10	2	B	2	0.49	25		10	2	B	2	0.49	25	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-13-2013	Complete Drilling	08-15-2013	White Drilling	▽	73.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR	At Completion of Drilling	▽	NA	
Driller	R&J	Logger	A. Tomaras	Checked by	C. Marin		
Drilling Method	3.25" HSA, boring backfilled 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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524.0	Very dense, gray SILTY LOAM, trace gravel	17	29	NP	29		11	524.0	--%Silt=49.4-- --%Clay=46.4-- --A-6 (19)--	17	29	NP	29		11
519.0	Hard, gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	18	27	S	27	7.80	13	519.0	--LL(%)=29, PL(%)=16-- --%Gravel=1.9-- --%Sand=11.1--60-- --%Silt=56.4-- --%Clay=30.6-- --A-6 (10)--	18	27	S	27	7.80	13
492.2	--WEATHERED BEDROCK--	23		NR				492.2	Strong, good rock quality, light gray, fresh, mainly horizontal joints, joint breaks with little to no infill, horizontal stylolites, slightly vuggy, trace small cavities, horizontally bedded DOLOSTONE	23		NR			
490.2		85						490.2	--Run 1-RECOVERY=82%-- --RQD =73%--90--	85					
509.0	Very dense, gray SILTY LOAM, trace to some gravel	20	36	S	36	2.38	10	509.0	--LL(%)=19, PL(%)=13-- --%Gravel=8.7-- --%Sand=28.7--70-- --%Silt=51.8-- --%Clay=10.7-- --A-4 (1)--	20	36	S	36	2.38	10
490.2	Boring terminated at 95.50 ft	95						490.2	--Run 2-RECOVERY=95%-- --RQD =80%--	95					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-13-2013	Complete Drilling	08-15-2013	White Drilling	▽	73.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR	At Completion of Drilling	▽	NA	
Driller	R&J	Logger	A. Tomaras	Checked by	C. Marin		
Drilling Method	3.25" HSA, boring backfilled upon completion			Depth to Water	▽	NA	
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583.1	1/4-inch thick, black SILTY LOAM --TOPSOIL-- Medium dense, brown, fine SAND --FILL--	1	4	NP	4		2	583.1	--LL(%)=35, PL(%)=17-- --%Gravel=4.4-- --%Sand=12.5-- --%Silt=51.1-- --%Clay=32.0-- --A-6 (14)--	1	4	NP	4		2
		2	10	NP	10		2			2	10	NP		2	
		3	8	NP	8		3			3	8	NP		3	
		4	4	B	4	3.85	17			4	4	B	3.85	17	
		5	4	B	4	2.87	18			5	4	B	2.87	18	
		6	3	B	3	1.07	19			6	3	B	1.07	19	
		7	1	B	1	1.07	21			7	1	B	1.07	21	
		8	1	B	1	0.90	19			8	1	B	0.90	19	
		9	2	B	2	1.07	25			9	2	B	1.07	25	
		10	2	B	2	0.49	26			10	2	B	0.49	26	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-26-2013	Complete Drilling	08-27-2013	White 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		
Drilling Method	2.25" HSA to 15', mud rotary thereafter, boring grouted upon completion			Depth to Water	▽	NA	
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0161723-60W28-505-Bor-Ing-NW-1



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 - I  
 NOISE ABATEMENT WALL

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	582
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT NUMBER				

SHEET NO. SD05 OF SD09 SHEETS