

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
541.3	--%Silt=47.5-- --%Clay=31.5-- --A-6 (13)-- Stiff, gray SILTY CLAY LOAM, some gravel	55	17	5 12 13	NA	18		518.3	Dense to very dense, gray GRAVELLY SANDY LOAM	5	22	15 19 23	NP	12	
531.3	Medium stiff to stiff, gray CLAY, trace gravel	60	18	15 13 15	1.72 B	17		526.3	Very dense, gray SILTY LOAM, some gravel	85	25	30 38 5	NP	10	
518.8	Gray SILT to SILTY LOAM	65	19	11 15 22	1.31 B	22				90	24	50 5	NP	10	
	--LL(%)=42, PL(%)=15-- --%Gravel=0.1-- --%Sand=1.6--70-- --%Silt=47.4-- --%Clay=50.9-- --A-7-6 (27)--	75	20	7 7 8	1.15 B	26				95	25	50 5	NP	10	
			21	5 7 8	0.74 B	20		495.0	Boring terminated at 98.00 ft	100					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-26-2013	Complete Drilling	04-16-2013	While Drilling	NA		
Drilling Contractor	Wang Testing Services	Drill Rig	D-25 ATV	At Completion of Drilling	NA		
Driller	P&N	Logger	A. Tomaras	Time After Drilling	NA		
Checked by	C. Marin			Depth to Water	NA		
Drilling Method	2.25" HSA to 16', Mud Rotary 16' thereafter, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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	Drilled without sampling								--Su undis = 880.6 psf-- --Su remold = 647.5 psf-- --Sensitivity = 1.36--						
		5							--In-Situ Vane Shear, 29.5 feet-- --Su undis = 802.9 psf-- --Su remold = 440.3 psf-- --Sensitivity = 1.82--	30	4				
		10							--In-Situ Vane Shear, 34.5 feet-- --Su undis = 802.9 psf-- --Su remold = 466.2 psf-- --Sensitivity = 1.72--	35	5				
	--In-Situ Vane Shear, 15.0 feet-- --Su undis = 1036.0 psf-- --Su remold = 543.9 psf-- --Sensitivity = 1.90--	15							--In-Situ Vane Shear, 39.5 feet-- --Su undis = 847.5 psf-- --Su remold = 440.3 psf-- --Sensitivity = 1.47--	40	6				
	--In-Situ Vane Shear, 19.5 feet-- --Su undis = 1113.7 psf-- --Su remold = 777 psf-- --Sensitivity = 1.43--	20							--In-Situ Vane Shear, 44.5 feet-- --Su undis = 1292.5 psf-- --Su remold = 620.4 psf-- --Sensitivity = 2.08--	45	7				
	--In-Situ Vane Shear, 24.5 feet--	25							--In-Situ Vane Shear, 49.5 feet--	50	8				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-02-2013	Complete Drilling	07-03-2013	While Drilling	NA		
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR	At Completion of Drilling	NA		
Driller	R&J	Logger	D. Kolpacki	Time After Drilling	NA		
Checked by	C. Marin			Depth to Water	NA		
Drilling Method	2.25" HSA to 13', Mud Rotary 13' thereafter, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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	--Su undis = 1344.2 psf-- --Su remold = 620.4 psf-- --Sensitivity = 2.16--														
	--In-Situ Vane Shear, 54.5 feet-- --Su undis = 7600 psf-- --Su remold = N/A psf-- --Sensitivity = N/A--	55								80	9				
		60								85					
		65								90					
		70								95					
		75								100					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-02-2013	Complete Drilling	07-03-2013	While Drilling	NA		
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR	At Completion of Drilling	NA		
Driller	R&J	Logger	D. Kolpacki	Time After Drilling	NA		
Checked by	C. Marin			Depth to Water	NA		
Drilling Method	2.25" HSA to 13', Mud Rotary 13' thereafter, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

0161802-60W26-507-Boring



USER NAME = dunkerleyb	DESIGNED - DD	REVISED
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 9/15/2013	DRAWN - BRD	REVISED
	CHECKED - ATB	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**BORING LOGS II**  
**STRUCTURE NO. 016-1802**  
 SHEET NO. RW-07 OF RW-08 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	459
CONTRACT NO.			60W26	
ILLINOIS FED. AID PROJECT				