Wang Engineering
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Telephone: 630 953-9928
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BORING LOG 2113-B-02

WEI Job No.: 1100-04-01

Client: AECOM
Project: CIRCLE INTERCHANGE RECONSTRUCTION
Location: Chicago, IL

Datum: NGVD
Elevation: 577.90 ft
North: 1898016.29 ft
East: 1169807.29 ft
Station: 3605+02.99
Offset: 40.05 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	577.3	7-inch thick ASPHALT --PAVEMENT--						
	576.3	12-inch thick CONCRETE --PAVEMENT--						
		Very dense, brown GRAVELLY SAND --FILL--			1	36 50/3	NP	6
			5		2	3 5 5	NP	13
	572.4	Very soft, gray CLAY to SILTY CLAY, trace gravel			3	1 1 1	0.33 B	22
			10		4	0 0 0	0.16 B	28
					5	0 0 1	0.16 B	27
			15		6	0 0 0	0.16 B	28
					7	0 0 0	NA	
			20		8	0 0 1	0.08 B	27
					9	0 0 1	0.16 B	28
			25		10	1 1 1	0.33 B	23
	545.9	Medium stiff, gray SILTY CLAY			11	0 0 3	0.16 B	27
			30		12	0 2 2	0.41 B	27
			35		13	2 3 5	0.70 B	22
	540.9	Hard, gray SILTY CLAY LOAM, trace gravel			14	5 7 11	> 4.50 P	15
	535.9	Medium dense, gray SILTY LOAM, trace gravel	40					
			45		15	5 7 12	NP	15
		--Sand seams--	50		16	5 10 15	NP	15

GENERAL NOTES

Begin Drilling: 02-25-2013 Complete Drilling: 02-25-2013
Drilling Contractor: Wang Testing Services Drill Rig: B-57 TMR
Driller: R&J Logger: D.Kolpacki Checked by: C. Marin
Drilling Method: 2.25" SSA to 10', Mud Rotary 10' thereafter

WATER LEVEL DATA

While Drilling: 5.00 ft
At Completion of Drilling: MUD
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 11000401.GPJ WANGENG.GDT 3/18/13

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	525.9	Medium dense to dense, gray SILTY LOAM, trace gravel						
			55		17	6 7 11	NP	12
		--L_L(%)=24, P_L(%)=15-- --%Gravel=1.5-- --%Sand=29.1-- --%Silt=53.4-- --%Clay=16.0-- --A-4 (4)--	60		18	13 21 25	NP	12
	515.9	Hard, gray SILTY CLAY LOAM, trace gravel						
		--L_L(%)=27, P_L(%)=14-- --%Gravel=0.4-- --%Sand=5.9-- --%Silt=69.6-- --%Clay=24.1-- --A-6 (10)--	65		19	11 17 21	> 4.50 P	13
	510.9	Very dense, gray SILTY LOAM, trace gravel						
		--%Gravel=2.1-- --%Sand=41.8-- --%Silt=53.6-- --%Clay=2.6-- --A-4 (0)--	70		20	25 47 53	NP	14
	505.9	Very dense, gray, fine SAND						
			75		21	23 43 53	NP	23
	500.9	Very dense, gray GRAVELLY SAND, little dolostone fragments			22	50/4	NP	11
			80					
	495.9	Strong, excellent rock quality, light gray, fresh, slightly fractured, joint breaks with little to no infill, slightly vuggy DOLOSTONE Run#1 : 82 to 92 feet --RECOVERY=98% --RQD=96%	85			CORE		
		ROCK MASS RATING: Strength of rock material = 12 Drill core quality RQD = 20 Spacing of joints = 20 Condition of joints =20 Groundwater condition =10	90		1			
	485.9	Boring terminated at 92.00 ft						
			95					
			100					

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0161709-60W25-S45-Boring2.dgn	DESIGNED - LAB	REVISED -	
USER NAME = will.mardauss	DRAWN - LAB	REVISED -	
PLOT SCALE = 01.0000 ' / in.	CHECKED - MI, MAF	REVISED -	
PLOT DATE = 6/14/2013	DATE - 6/17/2013	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS II
STRUCTURE NO. 016-1709

SCALE: | SHEET S1-45 OF 51 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	189
		CONTRACT NO. 60W25		
	ILLINOIS FED. AID PROJECT			

FILE PATH = C:\Users\will.mardauss\Desktop\Morgan\0161709-60W25-S45-Boring2.dgn