



SOIL BORING LOG

Date 2/15/12

ROUTE IL 47 (FAP 326) DESCRIPTION Traffic Signals at IL 47 & Granville Road, 0.8 Miles North of I-80 LOGGED BY Larry Myers
 SECTION (109, 110)R,R-1, 110BR & BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E
 COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev. ft	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)			
															ft	ft	ft
Structure 8 (Prop.) 6046+30, 82' RT	1	40.00ft Rt.	551.88	25				25		541.9	25	12.1*	11.5				
				26				54									
				31				31									
				29				29	11.5**	10.3							
				47				47									
				-5				-5									
				4				4									
				5	3.5	19.4		5									
				6	P			6									
				549.38				549.38									
				5				5									
				5	4.0	15.0		5									
				5	P			5									
				544.38				544.38									
				5				5									
7		17.1		7													
10				10													
-10				-10													
7				7													
12		22.4		12													
12				12													
539.88				539.88													
7				7													
14	>4.5	18.4		14													
18	P			18													
537.38				537.38													
21				21													
39	12.1*	11.4		39													
64	S			64													
31				31													
47	12.1*	10.0		47													
58				58													
-20				-20													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)



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															ft	ft	ft
Structure 8 (Prop.) 6046+30, 82' RT	2	39.00ft Rt.	551.80	25				25		Dry	25	12.1*	8.7				
				26				26									
				38				38	S								
				22				22									
				3				3									
				4	3.0	22.4		4									
				5	P			5									
				549.30				549.30									
				3				3									
				4	3.0	22.4		4									
				5	P			5									
				546.80				546.80									
				3				3									
				4	3.5	16.9		4									
				3	P			3									
525.80				525.80													
3				3													
5	4.5	15.0		5													
7	S			7													
542.30				542.30													
7				7													
12	6.1	13.4		12													
18	S			18													
15				15													
31	10.9	10.8		31													
54	S			54													
-15				-15													
21				21													
25	11.1	9.3		25													
31	S			31													
25				25													
25	12.1*	9.0		25													
40	S			40													
-20				-20													

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