

Illinois Department of Transportation
 SOIL BORING LOG
 Page 1 of 2
 Date 4/15/03
 ROUTE FAP 586 DESCRIPTION IL 162 and I-55/70 Interchange Ramp Retaining Walls in Troy LOGGED BY Mark Schreuder
 SECTION 60R-2, 37R-1 LOCATION SW 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM
 COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. Station	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H S	B L O C K S	U C S	M O I S T U R E	
															(ft)
Gray Silty Clay LOAM	2	0.8			2	0.8									
	3	S/20	28		3	S/20	30								
	2	1.8			2	1.8									
	3	S/20	27		3	S/20	26								
	2	1.2			2	1.2									
	3	S/20	33		3	S/20	14								
	0				0										
	2	0.8			2	0.8									
	2	S/20	34		2	S/20	14								
	0				0										
2	1.2			2	1.2										
3	S/10	58		3	S/10										
0				0											
2	0.9			2	0.9										
2	S/20	31		2	S/20	18									
0				0											
3	1.6			3	1.6										
4	S/20	29		4	S/20										
2				2											

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, from 137 (Rev. 8-99)

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Brown Silty CLAY (continued)	8	3.6			8	3.6								
	11	S/10	20		11	S/10								
	5				5									
	9	3.8			9	3.8								
	14	S/15	19		14	S/15								
	0				0									
	3				3									
	6	2.9			6	2.9								
	7	S/20	14		7	S/20								
	5				5									
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20									
0				0										
7				7										
16	S/20	19		16	S/20									
0				0										
5				5										
12	3.6			12	3.6									
16	S/20	19		16	S/20				</					