

Illinois Department of Transportation
Division of Highway Applied Geotechnics

SOIL BORING LOG Page 1 of 2 Date 6/7/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RING. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station _____
BORING NO. SB-02
Station _____
Offset _____
Ground Surface Elev. 619.73 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	DESCRIPTION	B	L	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.
0	Topsail, silty clay, dark brown											
2	Silty clay, some stone & topsoil, dark gray, stiff	2							584.7	578.7		
3		3	1.8									
3		3										
2		2										
3		3	1.0									
3		3										
2	Clay, some silt & gravel, brown gray, very stiff	2										
3		3	2.2									
3		3										
5	Clay, trace silt & gravel, brown, gray, very stiff	5										
6		6	3.3									
8		8										
10		10										
6		6	6.3									
8	Clay, some silt, trace gravel, gray, hard	8										
10		10										
5		5										
7		7	6.0									
9		9										
11		11										
3		3	6.3									
6		6										
9		9										
5		5										
7		7	5.7									
11		11										

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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3	Clay, some stone & silt, gray, hard (continued)	3										
6		6	5.7									
11		11										
12		12										
10		10	5.6									
13		13										
19		19	12.8									
23		23										
7		7										
9		9	1.6									
16		16										
10	Clay, some silt & trace gravel, gray, hard	10										
13		13	11.0									
16		16										
11	Silt, some stone & clay, gray, wet, dense	11										
19		19	3.3									
26		26										
9		9										
14		14	8.5									
16		16										
23		23										
38		38	3.8									
41		41										

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