

ILLINOIS DEPARTMENT OF TRANSPORTATION		SOIL BORING LOG		Page 1 of 2	
ROUTE FAU 1537 DESCRIPTION _____		LOCATION _____		LOGGED BY ND	
SECTION _____		SEC. TWP. RING _____		DATE 5/5/06	
COUNTY Cook DRILLING METHOD _____		SS HAMMER TYPE _____			
STRUCT. NO. _____	Station _____	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	D E L C O I S T	D E L C O I S T
BORING NO. B-1	Station _____	Groundwater Elev.: _____ ft	First Encounter _____ ft	H S Qu T	H S Qu T
Offset _____	Ground Surface Elev. 616.00 ft	Upon Completion _____ ft	After _____ Hrs.	(ft) (/6") (tsf) (%)	(ft) (/6") (tsf) (%)
Topsoil		SILTY CLAY, fr. sand & gravel, gray, hard to very hard (continued)			
615.17					
SILTY CLAY, fr. sand & gravel, roots, brown & gray, stiff					
2		30.0			
3		1.5 P			
4					
611.50		23.0			
SILTY CLAY, fr. sand & gravel, brown & gray, hard					
5		2.3 B			
6					
11					
603.00		20.0			
SILTY CLAY, fr. sand & gravel, gray, hard to very hard					
6		4.6 S			
8		18.0			
10					
11					
5		17.0			
8		4.3 S			
11		9.0			

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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Offset _____	Ground Surface Elev. 616.00 ft	Upon Completion _____ ft	After _____ Hrs.	(ft) (/6") (tsf) (%)	(ft) (/6") (tsf) (%)
SILTY CLAY, fr. sand & gravel, gray, hard to very hard (continued)					
15		5.7 S			
17		11.0			
78					
38					
588.00		16.0			
SILTY & VERY FINE SAND, gray, wet					
4					
7		18.0			
586.50		68			
SILTY CLAY, some gravel, hard					
Auger Refusal at 52.25 feet.					
End of Boring		563.75			

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STRUCT. NO. _____	Station _____	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	D E L C O I S T	D E L C O I S T
BORING NO. B-2	Station _____	Groundwater Elev.: _____ ft	First Encounter _____ ft	H S Qu T	H S Qu T
Offset _____	Ground Surface Elev. 619.00 ft	Upon Completion _____ ft	After _____ Hrs.	(ft) (/6") (tsf) (%)	(ft) (/6") (tsf) (%)
FILL, silty clayey sand & crushed stone, light gray, moist, med. dense		SILTY CLAY, fr. sand & gravel, gray, one large stone at 14 feet, hard to very hard (continued)			
18					
100		8.0			
9					
7		18.0			
614.00		4.6 S			
7		11.0			
FILL, silty clay, some sand, fr. gravel, med. stiff					
3		26.0			
2		1.1 B			
5					
611.00		23.0			
SILTY CLAY, fr. sand & gravel, brown & gray, stiff		SILTY CLAY, fr. sand & gravel, gray, hard to very hard			
3		4.3 S			
3		11.0			
10					
14					
605.00		12.0			
SILTY CLAY, fr. sand & gravel, gray, one large stone at 14 feet, hard to very hard					
6		15.0			
7		4.7 S			
10		22			
8		17.0			
12		5.7 S			
16		12.0			

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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)

FILE NAME = F:\60156077\0202.LCQ\001.Dr-wings\Sheets\Structural\015-7726.IDOT-sht14-Boring Log.dgn



USER NAME = dbezcid
 DESIGNED - DD
 DRAWN - DD
 CHECKED - EJO
 DATE - 01/10/2011
 REVISIONS:
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 54 OF 61 SHEETS STA. TO STA.

F.A.U. RTE. 1537	SECTION 06-00050-00-GS	COUNTY COOK	TOTAL SHEETS 209	SHEET NO. 148
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	