

Illinois Department of Transportation
Division of Highways
Applied Geotechnics

SOIL BORING LOG Page 1 of 2 Date 5/5/06

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY ND

SECTION COUNTY Cook DRILLING METHOD ss HAMMER TYPE

STRUCT. NO.	Station	Depth (ft)	Bulge (ft)	Shear (ft)	Penetration (ft)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.
		5										
		7	3.5		15.0							
		7	P									
		616.00										
		3										
		4	3.3		21.0							
		5	B									
		613.50										
		5										
		8	4.6		18.0							
		11	S									
		8										
		11	4.6		17.0							
		13	S									
		606.00										
		5										
		8	4.8		17.0							
		11	S									
		6										
		8	4.3		13.0							
		13	S									

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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		7										
		40	6.4		12.0							
		19	S									
		45										
		17										
		100	7.2		10.0							
		30	S									
		588.50										
		12										
		16	5.9		12.0							
		22	S									
		10										
		21	5.8		8.0							
		33	S									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SOIL BORING LOG Page 1 of 2 Date 6/17/10

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

SECTION COUNTY Cook DRILLING METHOD ss HAMMER TYPE

STRUCT. NO.	Station	Depth (ft)	Bulge (ft)	Shear (ft)	Penetration (ft)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.
		5										
		11			6.5							
		10										
		617.61										
		5										
		6	2.7		13.4							
		6										
		615.11										
		2										
		2	2.2		21.1							
		3										
		2										
		2	1.8		23.0							
		2										
		609.11										
		3										
		6	5.8		19.9							
		5										
		4										
		7	6.8		15.7							
		11										
		605.11										
		8										
		12	4.7		18.8							
		14										
		4										
		5	5.5		17.9							
		8										

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)

FILE NAME = P:\G0155877A\082.CAD\081.Drawings\Sheets\Structural\015-7726.DDT-11156-Boring_Log.dgn



USER NAME = dabezied
PLOT SCALE = 8 1/4" / IN.
PLOT DATE = 1/21/2011

DESIGNED - DD
DRAWN - DD
CHECKED - EJO
DATE - 01/10/2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 56 OF 61 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	150
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	