

Illinois Department of Transportation  
Division of Highways  
Applied Geoscience

SOIL BORING LOG Page 1 of 1  
Date 6/18/10

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

COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev. First Encounter Upon Completion After Dry, Hrs.	D E P T H	B L O W S	U C S	M O I S T	
															(ft)
613.23	7			29.1	595.23	7									
	8			15.0		9	4.5	11.2							
	6					17									
611.23	2					6									
	4	2.1		26.3		9	5.7	15.4							
	5					19									
609.23	3				588.23	7									
	4	4.8		20.0		11	5.2	12.3							
	7					16									
	5				586.23	7									
	9	4.5		18.4		13	2.9	11.0							
	12					14									
	-10					-30									
603.23	5				582.23	7									
	8	4.2		17.7		13									
	4					7									
	6	3.5		17.1		9	5.0	12.5							
	9					12									
	-10					-30									
	3					4									
	6	4.7		17.6	577.23	5	3.3	18.3							
	10					7									
	3					18									
	6	3.2		14.2		31		8.7							
	11				574.23	45									
	-20					-40									

End of Boring  
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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SOIL BORING LOG Page 1 of 1  
Date 6/14/10

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

COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev. First Encounter Upon Completion After Dry, Hrs.	D E P T H	B L O W S	U C S	M O I S T	
															(ft)
614.41	3				594.41	9									
	5	3.0		20.7		12	2.3	9.7							
	7					13									
	3					4									
	5	2.7		19.0		7	1.9	13.5							
	7					11									
610.41	3				589.41	9									
	5	2.2		22.7		13	4.5	12.1							
	7					21									
	9				587.41	5									
	11	1.8		16.0		8	4.7	14.0							
	15					11									
	-10					-30									
604.41	9				583.41	23									
	13	0.6		25.3		40	5.8	9.0							
	21					48									
	3				602.41	3									
	5	4.0		17.5		7	4.6	16.8							
	8					10									
	-10					-30									
	4					3									
	5	3.3		18.3		4	4.5	17.3							
	7					9									
	3					21									
	7	5.3		15.6		36	5.4	11.2							
	8				575.41	47									
	-20					-40									

End of Boring  
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 6/18/10

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

COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev. First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S	M O I S T	
															(ft)
617.36	7				582.4	5									
	5					8	5.7	11.9							
	3					12									
615.86	3					5									
	3					5									
	4	2.1		26.3		9	8.2	11.7							
	5					13									
613.36	5				583.36	7									
	9	6.6		17.9		11									
	11					18									
	5					12									
	7	5.8		18.8		18	9.8	11.7							
	10					27									
	-10					-30									
607.36	3				585.36	5									
	5	4.3		19.6		7									
	7					10									
	3					3									
	7	4.6		16.8		7	4.6	16.8							
	10					14									
	-10					-30									
	3					3									
	4	4.5		17.3		9									
	9					12									
	5					16	3.3	10.5							
	7	3.7		17.5		21									
	9					21									
	-20					-40									

End of Boring  
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:\60155877\2006\_CAD\001\_Drawing\Sheet\Structure\1\018-7726\_1001-shs62\_Boring\_Logs.dgn



USER NAME = dabezied	DESIGNED = DD	REVISED =
PLOT SCALE = 8:1' = 1"	DRAWN = DD	REVISED =
PLOT DATE = 2/17/2011	CHECKED = EJO	REVISED =
	DATE = 01/10/2011	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 62 OF 65 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	152
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	