

Illinois Department of Transportation
Division of Highways
DOT - Region 3 / Dist. 5

SOIL BORING LOG

Page 1 of 2
Date 1/19/06

ROUTE FAS 1531 (Cisco Rd.) DESCRIPTION FAS 1531 Over Wildcat Creek 5 Miles East of Cisco LOGGED BY CNA

SECTION 11B-1 LOCATION SW, SEC. 10, TWP. 18N, RNG. 6E GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>074-0018 (Exist.)</u> Station <u>352+50 (Exist.)</u>	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. <u>652.4</u> ft Stream Bed Elev. <u>651.8</u> ft	D E P T H	B L O W S	U C S	M O D E	Groundwater Elev.: First Encounter <u>640.6</u> ft Upon Completion <u> </u> ft After <u> </u> Hrs.
Boring No. <u>1 NW Boring</u> Station <u>352+25</u> Offset <u>12.0</u> ft L.L. Ground Surface Elev. <u>668.6</u> ft	2	1.9	20		Brown Mottled Silty Clay Loam to 668.6 Clay Loam (Backfill)	2	0.5			Brown Slightly Organic Silt to Silty Clay (Trace of Fine Peat)
	3	B				3	E			
	2	1				1	1.2	43		
662.0	3	1.9	20		(No Sample Obtained - Drove Sampler on Rock)	5	4.3	12		Dark Gray to Gray Clay to Clay Loam (Trace of Organics)
	3	B				7	B			
	2	3.4	24			6	3.7	19		
660.6	2	1.9	23		Gray Mottled Silty Clay to Clay Loam (Backfill)	3	3.4	24		Gray Blue Clay to Clay Loam
	3	B				6	B			
	2	3	25			5	3.7	19		
655.6	1				Gray Mottled Silty Clay to Clay Loam	2	3.3	21		Gray Clay Loam Till
	2	0.8	24			7	3.9	13		
	3	B				11	B			
650.6	1	0.5	25		Gray Mottled Silty Clay Loam (Trace of Free Water)	3				End of Boring
	1	B								
	0									
648.6	1	B								

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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 T208) BBS, form 137 (Rev. 8-99)

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Boring No. <u>1 NW Boring</u> Station <u>352+25</u> Offset <u>12.0</u> ft L.L. Ground Surface Elev. <u>668.6</u> ft	2	1.9	20		Brown Mottled Silty Clay Loam to 668.6 Clay Loam (Backfill)	2	0.5			Brown Slightly Organic Silt to Silty Clay (Trace of Fine Peat)
	3	B				3	E			
	2	1				1	1.2	43		
662.0	3	1.9	20		(No Sample Obtained - Drove Sampler on Rock)	5	4.3	12		Dark Gray to Gray Clay to Clay Loam (Trace of Organics)
	3	B				7	B			
	2	3.4	24			6	3.7	19		
660.6	2	1.9	23		Gray Mottled Silty Clay to Clay Loam (Backfill)	3	3.4	24		Gray Blue Clay to Clay Loam
	3	B				6	B			
	2	3	25			5	3.7	19		
655.6	1				Gray Mottled Silty Clay to Clay Loam	2	3.3	21		Gray Clay Loam Till
	2	0.8	24			7	3.9	13		
	3	B				11	B			
650.6	1	0.5	25		Gray Mottled Silty Clay Loam (Trace of Free Water)	3				End of Boring
	1	B								
	0									
648.6	1	B								

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Boring No. <u>2 SE Boring</u> Station <u>352+69</u> Offset <u>12.0</u> ft L.L. Ground Surface Elev. <u>689.0</u> ft	2	1.0	18		Brown Sandy Clay Loam (Backfill)	2	4.1	11		(No Sample - Drove sampler on Rock) (continued)
	3	B				5	B			
	2	3	25			3				
682.0	3	1.0	18		Brown/Green Mottled Silty Clay Loam (Backfill)	5	5.0	11		Dark Gray Clay to Clay Loam
	3	B				7	S			
	2	3	25			6	4.9	17		
689.0	2	1.0	26		Gray Mottled Silty Clay (Backfill)	3				Green/Gray Silt to Clay Loam
	3	B				6	4.1	20		
	2	2.0	25			7	B			
689.0	2	1.0	25		Gray Mottled Silty Clay (Backfill)	3				Gray to Green/Sandy Clay Loam Till
	3	B				7	4.1	13		
	2	4	18			11	B			
682.0	1	0.6	29		Dark Mottled Silty Clay to Clay	3				End of Boring
	2	B								
	4									
649.0	2									

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