Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 9/15/10

ROUTE Long Point Rd (FAS 370) DESCRIPTION Long Point Rd. over Long Point Creek, 0.9 miles West of IL 23 LOGGED BY Larry Myers

SECTION (102 BR)BR LOCATION SW 14, SEC. 2, TWP. 29N, RNG. 3E, Latitude , Longitude

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053–0157 (Exist.)
Station 48+96.77

BORING NO. 2 (N.E. Quad.)
Station 48+28
Offset 10.0 ft Rt.
Ground Surface Elev. 618.50 ft

Surface Water Elev. 603.95 ft
Stream Bed Elev. 603.46 ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Augered Bituminous Pavement, Gray & Black Silty Loam Fill				
616.00				
Soft to Medium Gray & Black Silty Loam/Silty Clay Loam Fill		2		
		1	0.5	20
		2	P	
	–5			
		2		
		2	0.5	10
		2	P	
611.50				
Medium Black to Dark Gray Silty Loam/Silty Clay Loam		2		
		2	0.8	42
		2	P	
609.00				
Medium Gray Silty Loam/Silty Clay	–10			
		1		
		2	1.0	28
		3	P	
		1		
		2	0.8	21
		2	P	
603.50	–15			
Very Stiff Brown & Gray Silty Clay Loam Till with Silt Layers		1		
		3	2.0	18
		4	P	
601.50				
Hard Brownish Gray Silty Clay Loam Till		8		
		12	9.0	9
		18	S	
	–20			

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Hard Brownish Gray Silty Clay Loam Till (continued)		9		
		17	10.3	9
		23	S	
		8		
		10	9.4	11
		17	S	
	–25			
		7		
		14	9.0	11
		18	S	
		12		
		16	8.5	11
		15	S	
	–30			
		8		
		14	8.7	11
		16	S	
		8		
		12	8.5	12
		15	S	
	–35			
		7		
		12	8.7	12
		16	S	
581.00				
6" Black Coal over Dense Gray Blocky Shale		11		
		33		12
		50		
	–40			

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, form 137 (Rev. 8–99)

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Upon Completion ft
After Hrs. ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
6" Black Coal over Dense Gray Blocky Shale (continued)		21		
		47		13
577.00		100/5"		
End of Boring				
	–45			
	–50			
	–55			
	–60			

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, form 137 (Rev. 8–99)

DESIGNED - ___	EXAMINED	DATE - OCTOBER 16, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - ___	ACTING ENGINEER OF BRIDGE DESIGN		
DRAWN - ___	PASSED	REVISED ___	
CHECKED - ___	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED ___	

SOIL BORING LOGS
STRUCTURE NO. 053–0157
SHEET NO. 18 OF 18 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
370	(102BR)BR	LIVINGSTON	65	39

CONTRACT NO. 66A18

ILLINOIS FED. AID PROJECT