



SOIL BORING LOG

Date 8/15/11

ROUTE US 6/34 FAP 613 DESCRIPTION US 6/34 over Coal Creek at the West Edge of Sheffield LOGGED BY Larry Myers

SECTION 8D-BR LOCATION NE 1/4, SEC. 24, TWP. 16N, RNG. 6E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Plan Stationing 966+71.05

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
006-0140 (Exist.)	30+93.5	(ft)	(/6")	(tsf)	(%)	650.27 ft	ft	ft	ft	ft	ft	
Augered Bituminous Shoulder, Black Sand, Gravel & Debris Fill						664.81						
Medium to Very Stiff Black Sand, Gravel, Red Tile, Mine Dump Clay, etc. Fill						642.31	-25					
Bottom of W. Abut. Elev. 661.67						642.31	-25					
Very Stiff Black Silty Clay Loam Topsoil						657.31	-10					
Stiff Black to Brown Silty Clay, Silty Loam, Silt & Fine Sand Layers (Alluvial Deposits)						655.31						
Loose Gray Fine/Coarse Sand, Loam, Silt with Organics and Gravel @ 18'						652.81	-15					
Elevation at time boring was taken						647.81						
Hard Reddish Gray Silty Clay Loam Till (continued)						627.81	-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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Medium Brown, Fine to Coarse Sand with Minor Gravel (continued)						620.31						
Dense Brown Fine Sand to Coarse Gravel						620.31						
Washed Samples 47.5' - 56.5'						610.81						
Dense Gray Blocky Shale						610.81						
End of Boring						609.56						

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BBS, form 137 (Rev. 8-99)

BORING NO. 1



USER NAME = carpenterdj	DESIGNED - BCM	REVISED
PLOT SCALE = N/A	CHECKED - KO	REVISED
PLOT DATE = 8/1/2014	DRAWN - BCM	REVISED
	CHECKED - 7/24/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS - I
STRUCTURE NO. 006-0140

SHEET NO. S25 OF S26 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
613	(8D-BR) BR	BUREAU	63	47
CONTRACT NO. 66A17				
ILLINOIS FED. AID PROJECT				