



Illinois Department of Transportation  
Division of Highways  
IDOT

### SOIL BORING LOG

Page 1 of 1

Date 12/3/13

ROUTE I-180 DESCRIPTION Northbound I-180, at milepost 1.1, just prior to the I-80 ramps LOGGED BY Larry Myers

SECTION D3 OVD SIN STR REPL 14-50 LOCATION SE 1/4, SEC. 6, TWP. 16N, RNG. 10E, 4th PM, Latitude 41.395676, Longitude -89.382824

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3S006180L001.1  
Station 116+55  
BORING NO. 01 (East Leg)  
Station 116+62  
Offset 78.0 ft Lt.  
Ground Surface Elev. 697.65 ft

Description	Elev. (ft)	D	B	U	M	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Dry ft	Upon Completion Dry ft	After Hrs. ft	D	B	U	M	SPT (N)	
																	(ft)
Augered Brown Sand & Gravel, Black Silty Clay Loam Fill	695.15																
Hard Brown, Gray, Black Silty Clay/Silty Clay Loam Fill	693.15	5	7	>4.5	18												
Very Stiff to Soft Brown Silty Clay/Silty Loam Loess	671.15	-5	4	3.5	26												
End of Boring	671.15																
WH = Weight of Hammer	685.65																
Medium to Very Stiff Brown Silty Clay Loam Till	680.65																
Very Stiff Purplish Gray Silty Clay Loam Till	678.15																

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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SECTION D3 OVD SIN STR REPL 14-50 LOCATION SE 1/4, SEC. 6, TWP. 16N, RNG. 10E, 4th PM, Latitude 41.395663, Longitude -89.382824

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3S006180L001.1  
Station 116+55  
BORING NO. 02 (West Leg)  
Station 116+62  
Offset 26.0 ft Lt.  
Ground Surface Elev. 697.78 ft

Description	Elev. (ft)	D	B	U	M	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Dry ft	Upon Completion 677.8 ft	After Hrs. ft	D	B	U	M	SPT (N)	
																	(ft)
Augered Brown Sand & Gravel Fill, Brown Silty Clay Loam Fill	695.28																
Hard Gray, Brown & Black Silty Clay Loam Fill	693.28	5	7	>4.5	14												
Very Stiff to Soft Brown Silty Clay/Silty Loam Loess	671.28	-5	4	3.0	25												
End of Boring	671.28																
WH = Weight of Hammer	685.78																
Very Stiff Brown Silty Clay Loam Till	680.78																
Very Stiff Purplish Gray Silty Clay Loam Till	678.15																

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)

FILE NAME: o:\p\work\p\d\patel\j\08369578\034618\shs-details.dgn	USER NAME: Patel, J	DESIGNED: YOGESH PATEL	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>	F.A.I. RATE: 180	SECTION: D-3 OVD SIN STR REPL 14-50	COUNTY: BUREAU	TOTAL SHEETS: 24	SHEET NO.: 20	
PLOT SCALE: 250000.0000 1/4 in.	CHECKED: RON WOODSHANK	REVISED: -	SCALE: 1" = 100'			SHEET NO. 11 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE: 2/3/2014	DATE: -	REVISED: -									
CONTRACT NO. 46316											