

PAGE 1 of 2
DATE 9/1/2011
LOGGED BY DR
GSI JOB No. 10181-D

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Arberst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

ROUTE FAP 876 (IL Rte. 1) DESCRIPTION Halsted Street Bridge Over The IC RR (Abandoned), Glenwood, Il.
SECTION 2011-032-BR LOCATION Thorton Township, SEC 33, T 36 N, R 14 E, 3rd PM
COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 016-2859 Existing Station 94+45 (100+00.02)
BORING NO. **B-01** Station 94+61 (100+16.02)
Offset 20' Left
Ground Surface Elev. 636.2

DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)	Soil Description				DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
				Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter				
				SILTY LOAM-medium dense (A-4) 615.7							
634.9	2							3			
	1							4			
	1	NP	10					6	NP	21	
	1			SANDY LOAM-brown & gray-very loose to medium dense (A-2)				2			
	2							1			
	1	NP	11					25	NP	18	
	1							3			
	1							2			
	1	NP	13					2	NP	23	
	3							1			
	5							1			
	11	NP	10	SILTY LOAM-gray-very loose (A-4) 608.2				30	NP	21	
625.7											
	7										
	5										
	3	NP	7								
	2			SAND, GRAVEL & STONE-brown-loose (A-1-b) Fill				8			
	3							10			
	2	NP	9					35	NP	11	
620.7											
	5										
	9										
	10	NP	13	SAND & GRAVEL-gray-medium dense (A-1) 604.2							
	7										
	9										
	10										
	11	NP	14	SILTY LOAM-brown & gray-medium dense (A-4) Possible Fill 599.2							
	7							7			
	9							9			
	11	NP	14					40	NP	18	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

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				Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter				
				SILTY LOAM-gray-medium dense (A-4)							
594.2											
	18			Silty SAND & GRAVEL-gray-very dense (A-2)							
	28										
	1	NP	10								
	1										
	1	NP	13								
	3										
	5										
	11	NP	10	SILTY LOAM-gray-very loose (A-4) 608.2							
589.7											
	7										
	5										
	3	NP	7								
	2			SAND & GRAVEL-gray-medium dense (A-1) 604.2							
	3										
	2	NP	9								
579.2											
	5										
	9										
	10	NP	13	SILTY LOAM-brown & gray-medium dense (A-4) Possible Fill 599.2							
	7										
	9										
	11	NP	14								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample VS-Vane Shear Test
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NR-No Recovery

Note:
Stations provided are based on 1968 plan sheets.
94+45.00 (1968) = 100+00.02 (Proposed).
Stations for proposed are 5+55.02 forward and adjusted such in parentheses.