

FAP R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
33B	114 BY-R-1	WILL	139	89
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental and Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 305-9186

PAGE 1 of 2
DATE June 10, 2003
LOGGED BY RJ
GSI JOB No. 0219

SOIL BORING LOG

ROUTE IL-59 DESCRIPTION IL-59 (Canton Farm Rd. to IL-126)
TWNSHIP N/A LOCATION Will County, Illinois
COUNTY WILL DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. N/A
Station N/A
BORING NO. B-2
Station 3208+69
Offset 7.0' Right
Ground Surface Elev. 600.4

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	
				ORGANIC CLAY-dark gray-soft (A-7)					
12					5			108	
6				SILTY CLAY LOAM-gray-medium stiff (A-4 to A-6) Wet	5				
6	3.0P	18			6	0.6B		24	
				CLAY-trace sand & gravel-brown & gray mottled black-stiff to very stiff (A-6) Fill, Wet					
3					4			104	
5					4				
-5	7	2.7B	21		-25	6	0.5B	27	
				SANDY LOAM-gray-medium dense (A-4)					
2			97		4				
4					5				
5	1.5B	25			13	NP		19	
				SILTY CLAY LOAM-trace to some sand, gravel & fractured rock-gray-very stiff to hard (A-6)					
3					9				
6					16				
-10	6	1.5P	28		-30	12	2.25P	12	
				Drillers Observation: Apparent Rock RUN 1 (33.0' to 43.0') Silurian System, Niagran Series Dolomite					
5									
-15	10	2.0P	43		-35				
				Light gray becoming mottled gray @ -38.0'. Fine grained & slightly porous with horizontal bedding. Vertical fracture with intersecting horizontal fractures from -33.0' to -34.0'. Horizontal fractures @ -34.2', -34.9', -35.3', -35.7', & -37.0'. Weathered vertical fracture with intersecting horizontal fractures from -37.3' to -38.8'. Horizontal fractures @ -39.1', -39.4', -40.4' & -40.5'. Vertical fracture from -41.0' to -41.4'. Horizontal fractures @ -42.0', -42.1' & -42.7'.					
3			75						
4									
5	0.6B	42							
				TOPSOIL-black (A-7)					
2									
2									
-20	4	NP	36		-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample
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 (%)

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ROUTE IL-59 DESCRIPTION IL-59 (Canton Farm Rd. to IL-126)
TWNSHIP N/A LOCATION Will County, Illinois
COUNTY WILL DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. N/A
Station N/A
BORING NO. B-2
Station 3208+69
Offset 7.0' Right
Ground Surface Elev. 600.4

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
				ROCK CORE RUN 1				
				RECOVERY = 100.0% R.Q.D. = 55.0%				
				ROCK CORE RUN 2				
				RECOVERY = 100.0% R.Q.D. = 71.0%				
				End of Boring @ -48.0' Hollow Stem Augers to -33.0' Rotary Drilling to Completion CME Automatic Hammer				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample
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ROCK CORE LOG

ROUTE IL-59 DESCRIPTION IL-59 (Canton Farm Rd. to IL-126)
TWNSHIP N/A LOCATION Will County, Illinois
COUNTY WILL CORING METHOD Rotary Wash

STRUCT. NO. N/A
Station N/A
BORING NO. B-2
Station 3208+69
Offset 7.0' Right
Ground Surface Elev. 600.4

DEPTH (ft)	RECOVERY (%)	R.Q.D. (%)	MOIST (%)	DESCRIPTION	DEPTH (ft)	RECOVERY (%)	R.Q.D. (%)	MOIST (%)
				ROCK CORE RUN 1				
				RECOVERY = 100.0% R.Q.D. = 55.0%				
				ROCK CORE RUN 2				
				RECOVERY = 100.0% R.Q.D. = 71.0%				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample
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 (%)

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
ILLINOIS ROUTE 59 OVER DUPAGE RIVER
FAP ROUTE 338 SECTION 114 BY-R-1
WILL COUNTY
STATION 3209+85.00
STRUCTURE NUMBER 099-0339
SCALE: NONE DESIGNED BY: GSI DRAWN BY: TB
DATE: 08/17/07 CHECKED BY: WPM CHECKED BY: WPM