


62817

F.A.I. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
290	0305-302K-L-3	COOK	55	55
STA. 24+85		TO STA.121.25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING B-11



Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Ambrose Court, Suite 204
Naperville, Illinois 60563
630-400-1000

SOIL BORING LOG

PAGE 1 of 1
DATE February 24, 2005
LOGGED BY RH
GSI JOB No. 0502-A

ROUTE FAI 290IL-53 DESCRIPTION High-Mast Light Pole Foundations IL 53/FAI 290, Higgins to Algonquin
 SECTION 0305-302K-L-3 LOCATION NW & SW CORNERS, SEC. 18 & 7, TWP. 41N, RNG. 11E, 3rd PM
 COUNTY Cook DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE D-50 Automatic

STRUCT. NO. n/a Station n/a
 BORING NO. B-11
 Northing 1963412.2
 Easting 1067193.5
 Ground Surface Elev. 741.8

	D E P T H	B L O W S	U C S Q _u	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elevation: First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S Q _u	M O I S T
TOPSOIL-dark brown & black (A-7) Fill		3			n/a	5			
		4				7			
		8		58	CLAY-brown & gray-stiff to hard (A-6)	10	4.6B	17	
738.3									
CLAY-brown & gray-stiff (A-6) Fill		2				3			
		4				5			
		-5	7	1.6B	19	-25	11	3.9B	18
735.8									
CLAY-dark brown spotted black-stiff to very stiff (A-6) Fill, Wet		2				4			
		4				8			
		7		3.2B	22	13	3.9B	16	
713.3									
CLAY-gray-very stiff (A-6)		3				3			
		4				4			
		-10	6	1.4B	25	-30	9	2.8B	15
730.8									
CLAY-brown & gray-stiff to hard (A-6)		2							
		6							
		10		3.1B	17				
		1				3			
		2				4			
		-15	6	1.9B	18	-35	10	2.7B	20
706.8									
End of Boring @ -35.0' Boring Backfilled Upon Completion Hollow Stem Augers D-50 ATV		1							
		2							
		5		3.7B	19				
		6							
		11							
		-20	17	3.9B	19	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Peristometer) ST-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 T208) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

PLOT DATE = 4/7/2005
 PLOT SCALE = 50:1
 USER Nohye = hupass

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		FAI 290FAP 342 (I-290IL 53) IL 62 (ALGONQUIN ROAD) TO IL 72 (HIGGINS ROAD) BORING LOG VI
SCALE:	VERT. DATE	DRAWN BY
	HORIZ.	CHECKED BY