

# BORING B-9

PAGE 1 of 1

**SOIL BORING LOG**

Geo Services Inc.  
Geotechnical, Environmental & Civil Engineering  
805 Amherst Court, Suite 204  
Naperville, Illinois 60565  
(630) 422-1000

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

ROUTE FAI 290IL-53 DESCRIPTION High-Mast Light Pole Foundations IL 53FAI 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-9  
Northing 1964114.8  
Easting 1066602.2  
Ground Surface Elev. 719.5

D E P T H H	B L O W S	U C S	M O I S T Q U T	Surface Water Elev. Stream Bed Elev. Groundwater Elevation: First Encounter Upon Completion After Hrs.	D E P T H H	B L O W S	U C S	M O I S T Q U T
				718.5				
	2					4		
	4					3		
	6	3.2B	18			7	2.1B	19
	3					2		
	5					6		
	6	1.0B	16			9	3.4B	17
	1			713.5		4		
	3					6		
	4	1.5P	12			10	6.0B	16
	1			711.0		4		
	4					7		
	6	1.6B	18			11	3.5B	19
	2					2		
	3					5		
	7	1.8B	21			8	2.5B	20
	1					2		
	4					5		
	7	1.8B	20	684.5		8	2.5B	20
	3							
	4							
	7	2.5B	21					
	3							
	5							
	10	2.7B	19			40		

End of Boring @ -35.0'  
Boring Backfilled Upon Completion  
Hollow Stem Augers  
D-50 ATV

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) 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 T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

# BORING B-10

PAGE 1 of 1

**SOIL BORING LOG**

Geo Services Inc.  
Geotechnical, Environmental & Civil Engineering  
805 Amherst Court, Suite 204  
Naperville, Illinois 60565  
(630) 422-1000

DATE February 07, 2005  
LOGGED BY RH  
GSI JOB No. 0502-A

ROUTE FAI 290IL-53 DESCRIPTION High-Mast Light Pole Foundations IL 53FAI 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 CME-55 Automatic

STRUCT. NO. n/a  
Station n/a

BORING NO. B-10  
Northing 1965212.6  
Easting 1067255.3  
Ground Surface Elev. 742.1

D E P T H H	B L O W S	U C S	M O I S T Q U T	Surface Water Elev. Stream Bed Elev. Groundwater Elevation: First Encounter Upon Completion After Hrs.	D E P T H H	B L O W S	U C S	M O I S T Q U T
				739.6				
	3					4		
	6					7		
	2	NP	12			10	3.5B	17
	3					4		
	7					7		
	9	5.1B	21			10	3.5B	16
	4					3		
	9					6		
	10	4.4B	20			9	2.8B	16
	7					3		
	10					5		
	11	6.2B	16			6	1.9B	16
	4					2		
	7					3		
	10	5.7B	20			3		
	2			708.1		2		
	7					3		
	9	2.8B	24	707.1		3	NP	19
	6							
	10							
	10	6.6B	19					
	6			724.1				
	9							
	9	2.8B	16			40		

End of Boring @ -35.0'  
Boring Backfilled Upon Completion  
Hollow Stem Augers  
CME-55

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) 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 T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

CONTRACT NO.				
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	0305-302K-L-3	COOK	55	54
STA. 24+85		TO STA.121+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62877				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		FAI 290FAP 342 (I-290IL 53) IL 62 (ALGONQUIN ROAD) TO IL 72 (HIGGINS ROAD) BORING LOG V

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

PLOT DATE = 4/7/2005  
PLOT SCALE = 50:1  
USER NAME = lupan