

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. - S-62
346	*	LAKE	469	231	S-66 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		
125X-HB-(1&2) R-1		CONTRACT # 60826			

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
895 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 395-1298

SOIL BORING LOG

PAGE 3 of 3
DATE June 21, 2004
LOGGED BY JR
GSI JOB No. 0314

ROUTE FAP Rte. 346 DESCRIPTION New Overpass
TOWNSHIP Gurnee LOCATION TWP 44 N, R 6E on the south boundary of Sec 28
COUNTY Lake DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE D-120 Safety Hammer

STRUCT. NO. SN 049-0209
Station _____
BORING NO. B-6
Station 535+27.2 US 41 Centerline
Offset 31.2 Left
Ground Surface Elev. 683.2

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. <u>n/a</u>	D E P T H	B L O W S	U C S Qu	M O I S T
(ft)	(/6')	(tsf)	(%)	Stream Bed Elev. <u>n/a</u>	(ft)	(/6')	(tsf)	(%)
				Groundwater Elevation:				
				First Encounter <u>n/a</u>				
				Upon Completion <u>n/a</u>				
				After _____ Hrs.				

CLAY-gray-hard (A-6)

End of Boring @ -90.0'
Hollow Stem Augers to -11.0'
Rotary Drilling to Completion
70.0' Casing Used
D-120 Safety Hammer

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 (ASTM D1586) The Unit Dry Weight (pcf) is noted in *italics*
above moist (%)

TYLIN INTERNATIONAL

DESIGNED	-	MAF
CHECKED	-	AD
DRAWN	-	MAF
CHECKED	-	AD

**BORING LOG B-6
(2 OF 2)**

FAP 346 (U.S. ROUTE 41 - SKOKIE
HIGHWAY) OVER ILLINOIS ROUTE 132
SECTION 125X-HB-(1&2)R-1
LAKE COUNTY
S.N. 049-0209