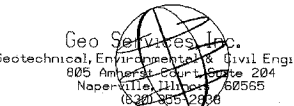


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
346	*	LAKE	469	329	21 - SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		
• 125X-HB-(1&2) R-1		CONTRACT # 60826			

										PAGE 3 of 3 DATE 6/23-7/30/2004 LOGGED BY AD 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-7 Station 537+19.4 US 41 Centerline Offset 37.6' Right Ground Surface Elev. 697.2										Surface Water Elev. n/a Stream Bed Elev. n/a Groundwater Elevation: First Encounter n/a Upon Completion n/a After _____ Hrs.									
D E P T H	B L O W S	U C S Q _u	M O I S T			D E P T H	B L O W S	U C S Q _u	M O I S T										
(ft)	(/6')	(tsf)	(%)			(ft)	(/6')	(tsf)	(%)										
				CLAY-gray-hard (A-6)															
	8		120				26												
	12						42												
	-85	14	3.5P	15		-105	30	-	14										
	8		124				50												
	10						39												
	-90	16	4.5P	14		587.2	-110	34	-	16									
				End of Boring @ -110.0' Hollow Stem Augers to -10.0' Rotary Drilling to Completion 80.0' Casing Used D-120 Safety Hammer															
	13																		
	15																		
	-95	22	-	16		-115													
	16																		
	24																		
	-100	20	4.5P	15		-120													

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 D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (2)

TYLIN INTERNATIONAL

DESIGNED	- SNB
CHECKED	- AD
DRAWN	- SNB
CHECKED	- AD

**BORING LOG B-7
(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-W036