

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	*	LAKE	469	279
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 125X-HB-(1&2) R-1			CONTRACT # 60826	

PAGE 1 of 2
DATE 10/13/2004
LOGGED BY RJ
GSI JOB No. 0314

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Park, Suite 204
Naperville, IL 60565
(630) 325-1236

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-W033
Station _____
BORING NO. L-3
Station 529+39.9 US 41 Centerline
Offset 41.75' Left
Ground Surface Elev. 699.4

DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)
				Surface Water Elev. n/a				
				Stream Bed Elev. n/a				
				Groundwater Elevation:				
				First Encounter n/a				
				Upon Completion n/a				
				After _____ Hrs.				
3.0" ASPHALT, 3.0" CRUSHED STONE				LOAM-gray-medium dense (A-4)	673.4			
	2					3		120
	5					5		
	9	1.0P	17	CLAY-gray-stiff to very stiff (A-6)		8	1.9B	18
	3		99			8		115
	5					7		
	-5	8	1.1B		-25	10	3.5B	17
693.4								
	5		115			4		101
	12					6		
	13	7.1B	17	CLAY-brown-very stiff to hard (A-6)		10	2.7B	24
	5		114			3		101
	13					7		
	-10	16	5.3B		-30	8	2.1B	24
	7		112					
	13							
	21	3.5B	18					
663.4					666.4			
	11		117			5		
	12					6		
	-15	15	4.8B	CLAY LOAM-gray-very stiff (A-4/A-6)	-35	6	2.0P	11
683.4								
	2		107					
	4							
	3	1.25B	21					
680.9					661.4			
	7			CLAY-gray-very stiff (A-6)		5		121
	8					6		
	-20	11	NP		-40	8	2.3P	15

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				First Encounter n/a				
				Upon Completion n/a				
				After _____ Hrs.				
CLAYEY SAND & GRAVEL-gray-medium dense (A-2-6)				CLAY-gray-hard (A-6)	651.4			
	10					8		119
	14					11		
	-45	11	NP		-65	12	4.5P	15
651.4					641.4			
	8		125	CLAYEY SAND & GRAVEL-gray-dense (A-2-6)		19		
	17					22		
	-50	23	4.5P	CLAY-gray-hard (A-6)	629.4	-70	25	NP
	9							
	13							
	-55	21	NR		-75			
	9							
	13							
	-60	17	4.0P		-80			

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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TYLIN INTERNATIONAL

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

BORING LOG L-3

FAP 346 (U.S. ROUTE 41 - SKOKIE
HIGHWAY) OVER ILLINOIS ROUTE 132
SECTION 125X-HB-(1&2)R-1
LAKE COUNTY
S.N. 049-W033