

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. - 18
346	*	LAKE	469	331	21 - SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		
• 125X-HB-(1&2) R-1		CONTRACT # 60826			

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amber Court, Suite 204
Naperville, Illinois 60565
(630) 395-1236

PAGE 1 of 2
DATE 10/25/2004
LOGGED BY TOB
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' Hollow Stem Auger HAMMER TYPE D-120 Safety Hammer

STRUCT. NO. SN 049-W036
Station _____
BORING NO. 0-2
Station 538+66.5 US 41 Centerline
Offset 48.75' Right
Ground Surface Elev. 689.5

DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)	Surface Water Elev. n/a	DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)
688.5				Stream Bed Elev. n/a				
2			113	Groundwater Elevations:	2			114
3				First Encounter 656.0	4			
4	3.4B	20		Upon Completion Dry	7	3.5B	17	
3			119	After _____ Hrs.	2			110
5					4			
-5	6	2.1B	18		-25	5	4.0B	14
2			114		2			110
5					2			
6	3.5B	14			3	1.75B	22	
2			101					108
3					1			
-10	6	1.3B	26		3			
1			113		3			
2					4	0.9B	25	
3	0.9B	23						
676.5								
3			130		6			
6					8			
-15	9	3.5B	15		-35	7	NP	8
673.5								
3			126					
7								
10	3.5B	15						
651.5								
8			118		6			
5					12			
-20	7	2.5B	13		-40	12	3.5P	17

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DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)	Surface Water Elev. n/a	DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)
626.5				Stream Bed Elev. n/a				
5			119	Groundwater Elevations:	5			119
13				First Encounter 656.0	13			
-45	17	3.75P	16	Upon Completion Dry	-45	17	3.75P	16
621.5				After _____ Hrs.				
3			121		3			121
7					7			
-50	9	3.0P	15		-50	9	3.0P	15
614.5								
6			122		6			122
8					8			
-55	12	3.25P	14		-55	12	3.25P	14
631.5								
5					5			
7					7			
-60	9	NP	23		-60	9	NP	23

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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TYLINTERNATIONAL

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

BORING LOG 0-2

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