

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. - 15
346	*	LAKE	469	250	15 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 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 455-2938

PAGE 1 of 2
DATE 10/7/2004
LOGGED BY RJ
GSI JOB No. 0314

ROUTE FAP Rte. 346 DESCRIPTION New Overpass
TWNESHIP Gurnee LOCATION TWP 44 N, R 6E on the south boundary of Sec 28
COUNTY Lake DRILLING METHOD 3.25' HSA/Rotary HAMMER TYPE CME-75 Auto Hammer

STRUCT. NO. SN 049-W031
Station _____
BORING NO. J-6
Station 109+40.6 Ramp A Baseline
Offset 7.25' Right
Ground Surface Elev. 697.4

DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter	Upon Completion	After	Hrs.
(ft)	(/6')	(tsf)	(%)	n/a	n/a	n/a	n/a	n/a		
696.4										
16		107								
9										
9	8.8B	15								
18		118								
16										
-5	23	10.6B	15							
691.4										
8		119								
10										
12	9.3B	16								
6		118								
10										
-10	14	4.5B	16							
7		112								
9										
11	4.1B	19								
683.9										
6		117								
7										
-15	10	2.5B	16							
5		118								
6										
8	4.8B	16								
3		114								
4										
-20	6	2.0P	18							

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(ft)	(/6')	(tsf)	(%)	n/a	n/a	n/a	n/a	n/a		
653.9										
5		116								
5										
7	2.3B	17								
3		102								
5										
-25	5	1.8B	24							
632.4										
8		129								
11										
-45	12	6.0B	12							
648.9										
7										
12										
-50	15	NP	19							
643.9										
10		124								
12										
-55	14	4.6B	13							
13		121								
21										
-60	26	4.5P	14							

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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in italics above moist (%)

TYLIN INTERNATIONAL

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

BORING LOG J-6

FAP 346 (U.S. ROUTE 41 - SKOKIE
HIGHWAY) OVER ILLINOIS ROUTE 132
SECTION 125X-HB-(1&2)R-1
LAKE COUNTY
S.N. 049-W031