

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. - 15
346	*	LAKE	469	280	16 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) 455-1236

PAGE 1 of 3
DATE 10/21/2004
LOGGED BY CS
CSI JOB No. 0314

ROUTE FAP Rte. 346 DESCRIPTION New Overpass
TWNSHP Curnee 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 049-0209
Station _____
BORING NO. B-2
Station 530+12.2 US 41 Centerline
Offset 31.16' Left
Ground Surface Elev. 694.2

DEPTH T H S	BULGE L O W	UNCONFINED COMPRESSIVE STRENGTH U C S	MOISTURE CONTENT M O I S T	Surface Water Elev. n/a				Stream Bed Elev. n/a				Groundwater Elevation:				
				First Encounter	Upon Completion	After	Hrs.	First Encounter	Upon Completion	After	Hrs.	First Encounter	Upon Completion	After	Hrs.	
(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	
6						3	100									
5						4										
4			17			7	188	23								
				CLAY-gray-medium stiff to very stiff (A-6)												
				691.2												
2						3		99								
2						5										
4		1.25P	22			7	188	25								
				CLAY-brown spotted black-stiff (A-6) Fill												
				668.2												
4			111			5										
9						9										
10		5.3B	18			11	NP	8								
				SAND & GRAVEL-gray-medium dense (A-1)												
				666.2												
4			109			3		127								
5						7										
8		2.7B	18			9	2.7P	12								
				CLAY-gray-very stiff (A-6)												
				683.2												
5						6										
8						6										
11		NP	19			7										
				SILT-gray-medium dense (A-4)												
				681.2												
5			110			6										
6						6										
7		3.5B	17			7	2.2P	16								
				CLAY-gray-medium stiff to very stiff (A-6)												
				680.2												
2			118			6										
4		0.9B	16			6										
6						7										
3			110			3										
4						4										
5		2.7B	17			6	1.5P	16								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												
10						22										
19						12										
22		4.0P	15			12		17								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												
5			105			8		120								
6						9										
8		0.9B	23			13	3.5P	15								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												

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(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	
				CLAY-gray-medium stiff to very stiff (A-6)												
				631.2												
6			124			12										
8						14										
13		3.5P	13			15	NP	18								
				SAND & GRAVEL-gray-medium dense (A-2-4)												
				631.2												
9			122			14										
50/1"						14										
50		3.9B	14			12	NP	11								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												
10						22										
19						12										
22		4.0P	15			12		17								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												
5			105			8		120								
6						9										
8		0.9B	23			13	3.5P	15								
				CLAY-gray-very stiff to hard (A-6)												
				620.2												

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 B-2
(1 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-W033