

LOCATION 19

PAGE 1 of 1

Geo Services Inc.
 Geotechnical, Environmental & Civil Engineering
 805 Amberg-Capt. Plaza 204
 Naperville, Illinois 60563
 (630) 355-2838

SOIL BORING LOG

DATE 8/7/2013
 LOGGED BY MD
 GSI JOB No. 13118

ROUTE Il. Route 83 DESCRIPTION Job No. D-91-233-11 Sign Structure, DuPage County, District 1
 SECTION XX LOCATION SEC 22, T40N, R11E, SE 1/4, 3rd PM; West Frontage Road NB Lane
 COUNTY DuPage DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 1C022S083L000.0-003
 Station 966+60
 BORING NO. B-1
 Northing --
 Easting --
 Ground Surface Elev. --

DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)	Surface Water Elev.		DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)
				<u>n/a</u>	<u>n/a</u>				
				9.0"	CONCRETE				
				2		3			108
				2		4			
				4	2.5P 22	7	1.8B	21	
				4	CLAY LOAM—brown & gray— stiff to hard	2			108
				5		4			
				-5	6 1.0B 18	-25	6 2.4B	20	
				4	CLAY to CLAY LOAM— gray—stiff to very stiff	3			111
				8		6			
				11	4.5P 17	10	2.8B	18	
				5	SILTY SAND & GRAVEL— brown—medium dense	3			110
				10		5			
				-10	11 8	-30	9 3.1B	19	
				6					114
				8					
				9	3.2B 17				
				4		3			109
				6		6			
				-15	8 3.5B 19	-35	9 2.8B	19	
				3	End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer				108
				4					
				6	3.0B 19				
				2					105
				3					
				-20	6 1.5P 22	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B—Blow, S—Shear, P—Penetrometer) ST—Shear Tube Sample VS—Vane Shear Test
 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 (%)
 NR—No Recovery

H:\jobs\2013\02-41\CAD\Site\dgn\00\046291-s28sb-18.dgn 8/7/2013 3:01:51 PM



USER NAME :	DESIGNED - GSI	REVISED
PLOT SCALE :	CHECKED -	REVISED
PLOT DATE :	DRAWN - 09/05/2013	REVISED
	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
LOCATIONS 19**

SHEET NO. 528 OF 28 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	01 OVD SIN STR REPL14-30	VARIOUS	53	37
CONTRACT NO. 46291			ILLINOIS FED. AID PROJECT	