BORING LOG NW-01

Geo Surface, Inc.
Geotechnical, Environmental & Civil Engineering
605 Academy Drive, Suite 254
Northbrook, Illinois 60062
(847) 509-0166

SOIL BORING LOG

PAGE 1 of 1
DATE 12/28/2010
LOGGED BY WJ
GSI JOB No. 08173

ROUTE IL Route 59 (FAP 338) DESCRIPTION Illinois Route 59-Aurora Avenue/New York Street To Ferry Road
SECTION (112 & 113) WRS-5 LOCATION SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township
COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic
STRUCT. NO. XX
Station: 3965+28 to 3973+56
BORING NO. NW-01
Station: 3971+50 ft RTE-59
Offset: 61.0' Left
Ground Surface Elev. 700.1

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry
Upon Completion Dry
After ___ Hrs.

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
0.0" TOPSOIL-thick 699.7			
	4S	-	37
SILTY CLAY-dark brown to black-very stiff (A-6)	4		95
	5		
	7	2.78	24
697.1			
	2		92
	4		
-5	6	1.88	26
CLAY-brown & gray-stiff to hard (A-6)	2		
	4		
	6	1.5P	23
	2		108
	8		
-10	8	6.78	19
689.6			
	6		111
	9		
	10	5.59	18
CLAY-gray-very stiff to hard (A-6)	4		
	6		
-15	8	4.5P	18
	6		115
	8		
	10	5.99	17
End Of Boring @ -20.0' Hollow Stem Augers CME Automatic Hammer 680.1	3		109
	6		
	9	3.99	19

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-35			
-40			

The Unconfined Compression Strength (UCS) Failure Mode is indicated by (R-Ridge, S-Shear, P-Penetrometer) ST-Shelby 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

BORING LOGS 3
SN 022-W046

FILE NAME = ...\60P42-W046-B17-Boring6-sp3.dgn

ZROKA engineering — Zroka Engineering, P.C., 4216 North Hermitage, Chicago, IL 60613	USER NAME = SAW	DESIGNED - LAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS 3 STA. 3965+05.35 TO STA. 3971+00.00 SN 022-W046
		CHECKED - DAZ	REVISED -		
	PLOT SCALE = 2.00 ' / IN.	DRAWN - SAW	REVISED -		
	PLOT DATE = 5/4/2012	CHECKED - LAS	REVISED -		SHEET NO. SC-17 OF SC-17 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2011-036-I	DUPAGE	234	70
		CONTRACT NO. 60P42		
ILLINOIS	FED. AID PROJECT			