SOIL BORING SB-08 (2 OF 2)

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SOIL BORING LOG

PAGE 2 of 2
DATE 4/2010
LOGGED BY MR
GSI JOB No. 09118

ROUTE FAP 345 (U.S. Route 20)
DESCRIPTION US 20 over McLean Boulevard, Elgin, Illinois Contract No. 60H45
SECTION 8R-R
LOCATION SEC. 22, TWP. 41N, RNG. 8E, 3rd PM, Elgin Township
COUNTY Kane
DRILLING METHOD Hollow Stem Auger/Rotary
HAMMER TYPE CME Automatic

STRUCT. NO. 045-0077
Station: 98+32.18
BORING NO. SB-08
Station: 101+33 US 20
Offset: 45' Right
Ground Surface Elev. 848.8

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

Description	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL-brown-dense to very dense (A-1)	-45	18 22 28	NP	8
SAND & GRAVEL-brown-dense to very dense (A-1)	-50	13 16 20	NP	12
SAND & GRAVEL-gray-dense (A-1)	-55	13 16 17	NP	10
	-60	18 22 27	NP	11
SAND & GRAVEL-brown-dense to very dense (A-1)	-65	15 19 25	NP	5
	-70	13 16 19	NP	7
	-75	14 16 17	NP	8
	-80			

781.8
773.8

End Of Boring @ -75.0'
Hollow Stem Augers To -10.0'
Rotary Drilling To Completion
CME Automatic Hammer

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, 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

.\R045077-60H45-001-SOILBORING.DGN .\ALLSWLN-60H45-001-BORDER.DGN
12-12-2011, 10:41:28 SHAZEKAJ \\FS-2014-1MN\VOL1\P-TRANS\07\22822\21379-001\STRUCT\CAD\60H45\045077\SHEET\045077-60H45-006-SOILBORING.SHT.DGN

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - MDB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION US 20 OVER MCLEAN BOULEVARD	SOIL BORING LOGS 6 OF 6	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - MDB	REVISED -			345	8R-R	KANE	794 / 534
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - PK	REVISED -			SN 045-0077		CONTRACT NO. 60H45	
	PLOT DATE = $DATE$	DATE - 12/16/11	REVISED -		SCALE: / SHEET NO. S-62 OF S-62 / STATION 98+32.18	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	