EVEREST ENGINEERING CO.

SOIL BORING LOG

Page 1 of 1

Date 9/4/07

ROUTE FAI 55 & FAP 338 (IL 59) DESCRIPTION IL 59 (I-55 TO DUPAGE RIVER) AND INTERSTATE 55 AT IL RTE 59 LOGGED BY G. Schaertl

SECTION 26HB-1BR & 114R-1 LOCATION BOX CULVERT UNDER SEIL ROAD SEC. 21 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-C022
Station 4016+73.5
BORING NO. B-305
Station 4016+78
Offset 79.0 ft RT.
Northing 1,762,888.97
Easting 1,020,852.23
Ground Surface Elev. 590.2 ft

Surface Water Elev. ______ ft
Stream Bed Elev. ______ ft
Groundwater Elev.:
First Encounter 569.2 ft ▼
Upon Completion 576.2 ft ▽
After ______ Hrs. ______ ft

Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL	588.7				
Stiff to Hard, Brown SILTY CLAY trace – gravel			3, 4, 5	2.1 B	25.0
		-5	3, 4, 5	4.3 B	21.0
			3, 5, 9	4.5 B	22.0
		-10	4, 6, 11	6.4 B	21.0
Gray below 11 feet			4, 7, 9	2.5 B	22.0
▽		-15	4, 5, 8	3.1 B	19.0
	572.2		2, 3, 4	1.5 B	14.0
Medium Dense, Gray SILTY LOAM little – gravel		-20	8, 10, 11		11.0
▼ Extremely Dense, Brown GRAVEL some – sand (top 569.7)	568.2		18, 50/4"		6.0
End of Boring		-25, -30, -35, -40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

EVEREST ENGINEERING CO.

SOIL BORING LOG

Page 1 of 1

Date 9/4/07

ROUTE FAI 55 & FAP 338 (IL 59) DESCRIPTION IL 59 (I-55 TO DUPAGE RIVER) AND INTERSTATE 55 AT IL RTE 59 LOGGED BY G. Schaertl

SECTION 26HB-1BR & 114R-1 LOCATION BOX CULVERT UNDER SEIL ROAD SEC. 16 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-C022
Station 4016+73.5
BORING NO. B-306
Station 4016+78
Offset 77.0 ft LT.
Northing 1,763,044.73
Easting 1,020,843.68
Ground Surface Elev. 589.1 ft

Surface Water Elev. ______ ft
Stream Bed Elev. ______ ft
Groundwater Elev.:
First Encounter 570.1 ft ▼
Upon Completion 565.1 ft ▽
After ______ Hrs. ______ ft

Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL	588.5				
Very Stiff to Hard, Brown SILTY CLAY trace – roots, gravel			3, 4, 5	2.7 B	24.0
		-5	3, 5, 6	2.9 B	16.0
			6, 8, 10	4.7 B	15.0
		-10	5, 8, 11	4.3 B	26.0
	576.1		4, 6, 8	3.3 B	16.0
Medium Dense, Gray SILT trace – gravel	573.6	-15	5, 9, 8		18.0
Stiff, Gray SILTY CLAY trace – gravel	571.1		3, 3, 4	1.2 B	33.0
▼ Medium Dense, Gray SILTY CLAY LOAM trace – gravel	568.1	-20	9, 6, 6		11.0
Dense, Gray SILTY LOAM little – gravel	567.1		5, 11		10.0
Dense, Gray GRAVEL some – sand ▽	564.6		25		5.0
End of Boring		-25, -30, -35, -40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SHT. BCE-3 OF BCE-3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
SEIL ROAD DOUBLE BOX CULVERT
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-C022
STATION 4016+73.50, WILL COUNTY

SOIL BORING LOGS

DRAWN BY: MDB
DATE: 03/14/08
CHECKED BY:

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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