F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B-1	DUPAGE	117	64
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62881

FOUNDATION ENGINEERING, INC.
STRUCTURE BORING LOG

Page 1 of 2
Date 4/15/96

ROUTE IL-53 DESCRIPTION Scour Studies
SECT. 532B STRUCT. NO. 022-0189 DRILLED BY FEI
COUNTY DuPage LOCATION IL-53 Rostwing Rd./Spr.brook CK S. 13, TWP. 40N, RNG. 10E, 3rd P

Boring No. B-1'
Station 166+69
Offset 18.0 ft W of CL
Surface Elev. 690.1 ft

Surface Water Elev.
Groundwater Elev.:
when drilling
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
Loose mixed black-gray gravel, sand, cinders, clay, FILL			5 3 3		5
	662.1				
Loose gray brown med. coarse SAND			1 2 2		8
	659.1				
	684.1				
Stiff to very soft black CLAY (Semi-Organic) LL=42% PI=18 A-7-6 (10)			1 2 2	1.0 P	30
			1 1 2	1.0 P	28
			1 2 1	1.2 P	36
			0 1 0	<0.25 P	39
	648.6				
Med. dense dark gray fine to coarse SAND, tr. gravel, with seams of clay @ 54 feet			0 0 0	<0.25 P	38
			0 0 0	<0.25 P	47
	669.6				
Loose gray-brown fine SAND			1 2 3		7
	667.1				
Very stiff brown to gray SANDY CLAY LOAM			3 3 5	2.2 P	26
			3 4 6	2.3 B	25
			4 2 3		19
			3 4 5	2.7 B	
			3 5 9	2.9 B	16
			4 7 10	3.1 B	17
			3 4 5	2.0 P	19
			4 8 8		14
			3 5 5		17
			18 14 10		18
			7 6 32		15

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

FOUNDATION ENGINEERING, INC.
STRUCTURE BORING LOG

Page 2 of 2
Date 4/15/96

STRUCTURE NO. 022-0189
ROUTE IL-53
SECTION 13 T40N, R10E, 3rd PM.
COUNTY DuPage

Boring No. B-1'
Station 166+69
Offset 18.0 ft W of CL
Elevation 640.1 ft

Description	Elev.	Depth	Blows	Qu tsf	W %
Dense to med. dense gray med. coarse SAND, GRAVEL & COBBLES			5 7 8		15
	628.1				
Dense light gray med. coarse SAND & FRACTURED ROCK			9 6 4		11
			39 18 12		9
	623.6				
Rock @ 66.5 feet Drilled to 67.5 feet	622.6				
END OF BORING					

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 3
Date 8/7/02

ROUTE FAU 2578 DESCRIPTION IL ROUTE 53 OVER SPRING BROOK CREEK
SECT. 532B STRUCT. NO. 022-0189 DRILLED BY PATRICK DRILLING, INC.
COUNTY Dupage LOCATION SOUTH-WEST CORNER OF BRIDGE S. 12, TWP. 40N, RNG. 10E

Boring No. B-2
Station 166+06
Offset 30.0ft LT.
Surface Elev. 687.99 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 680.0
at Completion
after 24 Hrs. 680.5

Description	Elev.	Depth	Blows	Qu tsf	W %
Dark Brown and Black TOPSOIL	687.19				
Very Stiff, Black SILTY CLAY trace - sand and gravel			2 2 3	2.0 B	17
FILL	684.99				
Stiff, Brown and Gray SANDY CLAY trace - gravel			3 3 4	1.0 B	23
Very Soft, Gray SILTY CLAY trace - sand and gravel	681.49		2 0 1	0.2 B	33
			0 0 1	0.2 B	32
			0 1 2		14
Very loose, Gray SILTY LOAM trace - gravel	675.99				
Loose, Gray SANDY LOAM trace - gravel	674.99		2 3 3		10
Stiff to Very Stiff, Brown and Gray SILTY CLAY LOAM trace - sand and gravel	672.49		2 5 6	2.5 S	22
Gray below 18.5 feet			2 5 7	3.0 B	13
			10 12 13		
			1 5 8	2.3 B	18
	655.99				
Medium Dense, Gray SANDY LOAM little - gravel			3 3 6	1.5 B	18
			3 4 7	1.6 B	17
			5 8 11		19
	648.99				
Stiff, Gray SILTY CLAY LOAM trace - sand and gravel			5 6 7	1.5 B	21
			5 5 7	1.8 B	17
			2 2 3	1.0 B	14

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - I

ILLINOIS ROUTE 53 OVER
SPRING BROOK CREEK
FAU 2578 SECTION 532B-1
STRUCTURE NO. 022-0189
DUPAGE COUNTY STATION 166+46.79

SCALE: NONE DRAWN BY: E. MROCZEK
DATE: 6/12/09 CHECKED BY: G. HATLESTAD

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

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