F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B-1	DUPAGE	117	65
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62881

Everest Engineering Company
STRUCTURE BORING LOG

Page 2 of 3
Date 8/7/02

STRUCTURE NO. 022-0189
ROUTE FAU 2578
SECTION 532B
COUNTY Dupage

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

DEPTH	BLOWS	Qu tsf	W %
636.99 Dense, Gray SAND AND GRAVEL			
633.49 Dense, Gray SILTY LOAM little - gravel	3 10 28		5
-55			
629.49 BOULDER, SAND, GRAVEL, AND COBBLES	100/3"		5
-60			
627.49 FOR ROCK CORES SEE PAGE 3			
-65			
-70			
-75			

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 ROCK CORING LOG

Page 3 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

Boring No. B-2
Station 166+06
Offset 30.00ft LT.
Surface Elev. 687.99 ft

Core Type NX
Core Diameter 2 in
Core Length 10 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRENGTH (tsf)
627.49	DOLOMITE: Light gray to gray, fine grained, scattered small vugs, occasional subvertical fractures, thin to thick bedded	1	96	54	2.8	1030
-65.0						
-70.0						
617.49	END OF BORING					
-75.0						
-80.0						

Color pictures of the cores YES
Cores will be stored for examination until DECEMBER, 2002

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 8/9/02

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-EAST CORNER OF BRIDGE S. 12, TWP. 40N, RNG. 10E

Boring No. B-3
Station 166+10
Offset 22.0ft RT.
Surface Elev. 689.81 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 682.8
at Completion
after Hrs.

DEPTH	BLOWS	Qu tsf	W %
689.48 ASPHALT PAVEMENT			
Medium Dense, SAND AND GRAVEL	6 10 11		8
686.81 FILL Stiff, Brown and Black SILTY CLAY trace - sand and gravel	2 2 2	1.3 B	26
-5 685.31 FILL Very Soft to Stiff, Gray SILTY CLAY trace - sand, gravel, and organics	2 3 1	0.5 B	29
-10	1 1 2	<0.25 P	29
	1 2 1	0.2 B	25
676.81 Very Stiff, Brown and Gray SILTY CLAY trace - sand and gravel	3 3 4	2.3 B	21
-15			
671.81 Medium Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - sand and gravel	2 3 4	2.0 P	23
	1 3 4	1.8 B	19
-20			
	1 2 3	0.8 B	14
	2 4 5	2.5 B	16
-25			

DEPTH	BLOWS	Qu tsf	W %
	3 5 7	2.5 B	15
	3 6 6	3.8 B	12
-30			
657.81 Medium Dense to Dense, Gray SANDY LOAM little - gravel			
	8 22 24		16
-35			
	7 8 10		11
-40			
647.81 Very Stiff, Gray SILTY CLAY LOAM little - sand and gravel			
	4 7 11	3.5 B	15
-45			
643.81 Medium Dense, Gray SAND AND GRAVEL			
	2 14 15		19
-50			

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

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - II
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

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