

**Everest Engineering Company**  
**STRUCTURE ROCK CORING LOG**

Page 3 of 3  
Date 8/8/02

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-4 Core Type NX  
Station 166+92 Core Diameter 2 in  
Offset 18.00 ft RT Core Length 10 ft

Surface Elev. 689.83 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	R E C O V E R Y (%)	R Q (%)	CORE T I M E (Min/ ft)	COMP. S T R N G T H (tsf)
623.33	DOLOMITE: Light gray to gray, thin to thick bedded, fine grained, scattered small vugs, occasional shale partings	1	100	87	3.2	951
613.33	END OF BORING					

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

**Everest Engineering Company**  
**STRUCTURE BORING LOG**

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Date 10/15/02

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 NORTH-EAST CORNER OF BRIDGE S. 13, TWP. 40N, RNG. 10E

Boring No. S-1 D E P T H  
Station 166+05 B L O W S  
Offset 22.00 RT Q u W  
Surface Elev. 689.80 ft

Surface Water Elev. \_\_\_\_\_  
Groundwater Elev. when drilling 680.8  
at Completion \_\_\_\_\_  
after \_\_\_\_\_ Hrs.

Station	Depth (ft)	Blow Count	Penetration Test	Notes
689.47	0			ASPHALT PAVEMENT
688.30	1	2.5 S	29	Brown SAND AND GRAVEL
	2	1.4 S	24	FILL Stiff to Very Stiff, Brown and Black SILTY CLAY trace - sand and gravel
684.80	3	0.5 P	29	FILL Medium Stiff to Stiff, Brown/Gray SILTY CLAY/CLAY trace - sand, gravel, and organics
	4	0.65 B	34	
	5	0.55 S	17	
	6	0.9 B	21	
	7	1.7 S	24	
674.80	8			Gray SANDY LOAM
673.80	9	1.5 P	23	Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - sand and gravel
	10	2.2 B	26	
	11	1.7 B	14	
	12	2.35 B	18	
	13	1.9 B	18	
664.80	14			END OF BORING @ 25 FEET

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

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Date 10/15/02

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. 13, TWP. 40N, RNG. 10E

Boring No. S-2 D E P T H  
Station 166+96 B L O W S  
Offset 18 ft RT Q u W  
Surface Elev. 689.80 ft

Surface Water Elev. \_\_\_\_\_  
Groundwater Elev. when drilling 681.8  
at Completion \_\_\_\_\_  
after \_\_\_\_\_ Hrs.

Station	Depth (ft)	Blow Count	Penetration Test	Notes
689.5	0			ASPHALT PAVEMENT
688.8	1	1.15 S	30	Brown SAND AND GRAVEL
	2	0.85 S	36	FILL Medium Stiff to Stiff, Brown and Black SILTY CLAY little to some - sand and gravel
684.8	3	0.5 P	27	FILL Very Soft to Medium Stiff, Brown/Gray ORGANIC CLAY trace - sand and gravel
	4	0.35 S	40	
	5	0.24 S	24	
679.3	6			Brown and Gray SANDY LOAM
678.3	7	0.9	33	Very Soft to Medium Stiff, Gray ORGANIC SILTY CLAY LOAM trace - sand and gravel
	8	0.8	40	
	9	<0.25 P	41	
	10	0.27 B	38	
	11	0.4 S	45	
	12	0.62 S	49	
	13	0.73 S	17	
664.8	14			END OF BORING @ 25 FEET

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

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL BORING LOGS - IV**  
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