

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	462
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT-		CONTRACT NO. 60E10

SHEET NO. 52  
54 SHEETS

Everest Engineering Company  
**STRUCTURE BORING LOG**  
Page 1 of 2  
Date 6/21/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1

SECT. \_\_\_\_\_ STRUCT. NO. 016-2820 DRILLED BY PATRICK DRILLING

COUNTY COOK LOCATION BEHIND SOUTH ABUTMENT S. 17, TWP. 36 N., RNG. 12 E

Boring No. E-9  
Station 94+32.42  
Offset 45.00ft RT  
Surface Elev. 619.00 ft

D E P T H ft	B L O W S tsf	Qu W %	Surface Water Elev. Groundwater Elev.: when drilling at Completion after _____ Hrs.	D E P T H ft	B L O W S tsf	Qu W %	
			593.50				
	5	8	Hard, Gray SILTY CLAY LOAM traces - sand and gravel		16	5.8 15	
	6				25	S	
	11				28		
	4	10			27	4.5 10	
	5				506"	P	
	9	13					
	6			26	5.4 16		
	7			45	B		
	5			506"			
	5	36	582.00				
	5		Extremely Dense, Gray, SILTY LOAM little - sand and gravel				
	8				40	9	
	3	1.7 27			503"		
	4	B					
	11						
	3	1.2 26					
	3	B					
	2		577.17				
	7	1.7 17					
	21	B					
	23						
	17	10	598.50				
	28		Dense to Very Dense, Gray SILTY LOAM traces - sand and gravel				
	18						
	15	8					
	28						
	27						

FILL 607.50  
TOPSOIL 606.50  
Stiff, Brown and Gray  
SILTY CLAY  
traces - sand and gravel

FOR ROCK CORES SEE  
PAGE 2

Dense to Very Dense,  
Gray SILTY LOAM  
traces - sand and gravel

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**

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1

SECT. \_\_\_\_\_ STRUCT. NO. 016-2820 DRILLED BY PATRICK DRILLING

COUNTY COOK

Boring No. E-9 Core Type NX  
Station 94+32.42 Core Diameter 2 in  
Offset 45.00ft RT Core Length 20 ft  
Surface Elev. 619.00 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	R (%)	Q (%)	CORE (Min/ft)	COMP. S T R N G T H (tsf)
577.17	DOLOMITE (RACINE FORMATION): Light Gray to gray, massive, hard, fine grained, thin to thick bedded	1	97	48	4	1431.9
556.50	END OF BORING	2	100	100	4.5	1458.4

Color pictures of the cores YES  
Cores will be stored for examination until DECEMBER, 2001

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DESIGNED	EV
CHECKED	NPP
DRAWN	EV
CHECKED	NPP

**URS**  
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(312) 939-1000

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION US RTE 6 FROM I-294 TO IL RTE 1 <b>SOIL BORINGS</b>  STRUCTURES FOR CN INTERMODAL YARD VEHICLES OVER U.S. RTE. 6 (159TH STREET) STATION 95+02.14 STRUCTURE NOS. 016-2820 & 016-2821 SCALE: DATE: 2/21/2008
NAME	DATE	