

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG E-6

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 6/29/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1
SECT. _____ STRUCT. NO. 016-2819 DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION S. SIDEWALK WEST OF BRIDGE S. 17, TWP. 36 N, RNG. 12 E

Boring No. E-6 Station 93+37.27 Offset 26.00R RT Surface Elev. 602.00 ft

D B L O W Qu W
E L O O S tsf %
P O W S
T W Qu W
H S tsf %

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

CONCRETE	601.75				
CRUSHED AGGREGATE	601.00				
Stiff Brown and Gray SILTY CLAY		9	1.7	19	
traces - sand and gravel		8	B		
		11			
	598.25				
Very stiff to Hard, Gray SILTY CLAY LOAM		6	2.7	14	
traces - sand and gravel		10	B		
		15			
		8	4.5	10	
		30	P		
		22			
	591.50				
Extremely Dense, Gray SILTY LOAM		9	5.0	12	
traces - sand and gravel		16	B		
		22			
		21		9	
		35			
		46			
		26		9	
		506"			
	586.50				
Very Stiff, Gray SILTY CLAY LOAM		13	2.5	12	
traces - sand and gravel		15	S		
		14			
	584.00				
Extremely Dense, Gray SILT with GRAVEL		17		7	
		508"			
FOR ROCK CORES SEE PAGE 2	581.50				

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

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	409
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT NO. 60E10

SHEET NO. 24
25 SHEETS

BORING LOG E-6

Everest Engineering Company
STRUCTURE ROCK CORING LOG
Page 2 of 2
Date 6/29/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1
SECT. _____ STRUCT. NO. 016-2819 DRILLED BY PATRICK DRILLING
COUNTY COOK

Boring No. E-6 Station 93+37.27 Offset 26.00R RT Surface Elev. 602.00 ft

Core Type NX Core Diameter 2 in Core Length 20 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	R (%)	R (%)	CORE (Min/ft)	COMP. (tsf)
581.50	DOLOMITE (RACINE FORMATION): Gray, massive, hard, fine grained, thin to thick bedded, slightly fractured	1	100	96	4	1353.9
		2	100	100	4.5	
						1336.6
		3	100	100	4.5	
561.50	END OF BORING					

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

3/13/2008 10:52:59 AM

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DESIGNED	AEU
CHECKED	JPB
DRAWN	AEU
CHECKED	JPB



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
SOIL BORINGS
CN GATEWAY LEAD TRACK
BRIDGE 20.6E OVER U.S. RTE. 6 (159TH STREET)
STATION 93+69.01 STRUCTURE NO. 016-2819
SCALE: N.T.S. DATE: 2/21/2008