

Contract No. 62098

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

Page 2 of 2  
Date 11/2/01

ROUTE FAP 575 DESCRIPTION US 30 Over Lily Cache Creek, D-9-002-01  
SECT. 14-B-R-1 STRUCT. NO. 099-0237 (existing) DRILLED BY TSC/L-53,455

COUNTY WILL LOCATION Retaining Wall & East Abutment S. 23., TWP. 36N., RNC. 9E

Boring No. 104 Core Type NX Core Barrel  
Station 28+70 Core Diameter 2.0 in  
Offset 39.00ft LT Core Length 10.0 ft  
Surface Elev. 590.40 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (ft)	Q (ft)	CO (ft)	COMP. (psi)
576.90	Dolomite, light gray, silty to slightly pure, massive bedded, 5-10% pin point vugs. Occasional fossils. White chert nodules (0.0-2.0 in) from 16 to 22 feet. Heavily fractured from 18 to 19 feet.	RN-1	80	27		
		RN-2	100	56		10600
		RN-3	100	77		
566.90	End of Boring at 23.5 feet CME 850 Track ATY Drilling Rig (#27) CME Automatic Hammer 3.25" (83 mm) ID HSA to 13.5 feet Rock Core with NX Core Barrel below 13.5 feet					

Color pictures of the cores With Geotechnical Report  
Cores will be stored for examination until Nov. 30, 2002.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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COUNTY WILL LOCATION Retaining Wall & East Abutment S. 23., TWP. 36N., RNC. 9E

Boring No. 105 Core Type NX Core Barrel  
Station 28+70 Core Diameter 2.0 in  
Offset 39.00ft LT Core Length 25.0 ft  
Surface Elev. 589.20 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (ft)	Q (ft)	CO (ft)	COMP. (psi)
588.40	FILL - Black CLAY LOAM (topsoil)					
587.10	FILL - Brown and black SANDY LOAM, moist A-2-4					
583.70	FILL - Black CLAY LOAM (topsoil), very moist A-6/A-7-6					
582.70	Soft dark gray CLAY LOAM, trace organic, very moist A-4/A-5					
580.70	Loose gray SLTY LOAM, very moist A-4					
579.20	Probable Dolomite Rock Surface (hard drilling) (See Page 2 for Coring)					

SPT, (M) = Sum of last two blow values in sample, (Q) S-Bulge S-Shear P-Penetration Test Stations, Depths, Offset, and Elevations are in Feet

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Surface Elev. 589.20 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (ft)	Q (ft)	CO (ft)	COMP. (psi)
579.20	Dolomite, light gray, silty to slightly pure, massive bedded, 5-10% pin point vugs. Small fractures from 13 to 14.2 feet.	RN-1	100	70		
		RN-2	100	81		
570.70	Dolomite, light gray, silty, less pure, massive bedded, 5-10% pin point vugs. Occasional fossil, white chert nodules and layers (0.0-3.0 in) from 18.5 to 23.5 feet. Fractures from 24 to 25.5, 29.5 to 30.5 and 33.8 to 35 feet.	RN-3	100	67		
		RN-4	100	100		
		RN-5	100	28		
		RN-6	100	0		

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Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (ft)	Q (ft)	CO (ft)	COMP. (psi)
554.20	End of Boring at 35.0 feet CME 55 Ardoe ATY Rig (#20) CME Automatic Hammer 4.5" (114 mm) SFA Rock Core with NX Core Barrel below 10 feet					

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DESIGNED	MJM
CHECKED	WHE
DRAWN	EAB
CHECKED	WHE

**LOWCO, INC.**  
CONSULTING ENGINEERS 630 NORTH WASHINGTON ST., SUITE 205  
NAPERVILLE, ILLINOIS 60563 (630) 577-9100

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BORING LOGS**  
(2 OF 5)  
US ROUTE 30 (LINCOLN HIGHWAY)  
OVER LILY CACHE CREEK  
WILL COUNTY  
F.A.P. ROUTE 0575 SEC. 14BR  
STATION 28+22.14 NEW STRUCTURE NO. 099-4648  
DATE 03/24/05