

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

Page 2 of 3  
Date 1/13/01

ROUTE FAP 575 DESCRIPTION US 30 Over Lily Cache Creek, D-9-002-01  
SECT. M-B-R-1 STRUCT. NO. 099-0237 (existing) DRILLED BY TSC/L-53,455  
COUNTY WILL  
Boring No. 101 Core Type NX Core Barrel  
Station 3+77 Core Diameter 2.0 in  
Offset 46.00ft LT Core Length 25.0 ft  
Surface Elev. 592.30 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (in)	R (in)	CORE (ft)	COMP. (psi)
573.30	Dolomite, light gray, silty to slightly pure, massive bedded, 5-10% pin point vugs.	RN-1	100	82		
570.30	Dolomite, light gray, silty, less pure, massive bedded, 5-10% pin point vugs. White and gray chert nodules (0.0-2.0 in.) from 22 to 31 feet. Heavily fractured and filled w/ dark gray clay from 28.5 to 36 feet.					
		RN-2	100	28		
		RN-3	100	21		
		RN-4	100	95		

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

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552.30	See page 2 for description					
	Dolomite, light gray, mottled greenish gray, silty, med. bedded with occasional green clay partings, 5-10% pin point vugs.					
548.30	End of Boring at 44.0 feet CME 850 Track ATV Drilling Rig (#127) CME Automatic Hammer 3.25" (83 mm) ID HSA to 15.0 feet Rock Core with NX Core Barrel below 15.0 feet					

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ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.P. 0575	14BR	WILL	143	106
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. W-11  
W-13 SHEETS

Contract No. 62098

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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SECT. M-B-R-1 STRUCT. NO. 099-0237 (existing) DRILLED BY TSC/L-53,455  
COUNTY WILL LOCATION Retaining Wall S. 23, TWP. 36N, RNC. 9E

Boring No. 101 Core Type NX Core Barrel  
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Offset 46.00ft LT Core Length 25.0 ft  
Surface Elev. 592.30 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (in)	R (in)	CORE (ft)	COMP. (psi)
592.30	FILL - Brown and black CLAY LOAM, trace organic, moist					
590.30	Black SILTY CLAY (Hapsol), very moist A-7-s					
	Firm brown silty SAND and GRAVEL, saturated A-1-a					
	(trace organic and roots at 8.3 feet)					
583.30	Firm gray SILT, very moist A-4					
582.30	Firm gray GRAVEL, saturated A-1-a					
579.30	Firm gray silty SAND and GRAVEL, saturated A-1-a					
	Very tough gray CLAY, some gravel, occasional cobbles, moist A-6/A-1					

(See Page 2 for Coring) 573.30 100/75 P 15.6

DESIGNED	MJM
CHECKED	WHE
DRAWN	EAB
CHECKED	WHE

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

Boring No. 102 Core Type NX Core Barrel  
Station 3+08 Core Diameter 2.0 in  
Offset 39.00ft LT Core Length 10.0 ft  
Surface Elev. 598.60 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (in)	R (in)	CORE (ft)	COMP. (psi)
598.60	FILL - Black and brown CLAY LOAM, trace organic, moist A-6					
588.60	Dark brown and black CLAY, little organic, moist A-7-s					
586.10	Firm brown GRAVEL, saturated A-1-a					
	Firm gray SAND, little gravel, saturated A-1-b					
582.60	Tough gray CLAY LOAM, little gravel, moist A-6					
578.60	Firm gray clayey SILT and SAND, trace gravel, moist A-1-a/A-1					
575.60	Very dense silty GRAVEL, COBBLES and BOULDERS					

(See Page 2 for Coring) 575.60 100/74 10.9

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Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R (in)	R (in)	CORE (ft)	COMP. (psi)
577.10	Dolomite, light gray, silty to slightly pure, massive bedded, 5-10% pin point vugs.					
569.60	Dolomite, light gray, less pure, massive bedded, 5-10% pin point vugs.					
567.30	White chert nodules (0.0 in.) from 22 to 24.5 feet End of Boring at 24.5 feet CME 850 Track ATV Drilling Rig (#127) CME Automatic Hammer 3.25" (83 mm) ID HSA to 14.5 feet Rock Core with NX Core Barrel below 14.5 feet					

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REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
BORING LOGS (1 OF 3)  
DRILLED SOLDIER PILE WALL  
US ROUTE 30 (LINCOLN HIGHWAY)  
OVER LILY CACHE CREEK  
WILL COUNTY  
F.A.P. ROUTE 0575 STATION 31+00.61  
SEC. 14BR  
NEW STRUCTURE NO. 099-W012  
DATE 03/24/05

LOWCO, INC.  
CONSULTING ENGINEERS 700 EAST DIEHL ROAD., SUITE 180  
NAPERVILLE, ILLINOIS 60563 (630) 577-9100