

Contract No. 62098

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Page 3 of 3
Date 1/16/01

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

Boring No. 107 Core Type NX Core Barrel
Station 28+39 Core Diameter 2.0 in
Offset 37.00ft RT Core Length 25.0 ft
Surface Elev. 586.00 ft

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R	R	CORE	COMP.
		(1)	(2)	(3)	(Min/ft)	(H (psf))
586.00		RN-3	100	83		
	Dolomite, light gray, weathered tan/buff at fractures, silty, less massive bedded, white chert nodules and layers (0.0-2.0 in) from 20.5 to 25.5 feet, occasional fossil, 5-10% pin point vugs. Fractured from 25.5 to 27 and 30 to 31.5 feet.					
554.50	End of Boring at 31.5 feet CME 55 Ardeo ATY Rig (#200) CME Automatic Hammer 3.25" (83 mm) ID HSA Rock Core with NX Core Barrel below 6.5 feet					

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 3
Date 1/14/01

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 Bridge Piers S. 23., TWP. 36N., RNC. 9E

Boring No. 108 Core Type NX Core Barrel
Station 28+09 Core Diameter 2.0 in
Offset 31.00ft LT
Surface Elev. 585.40 ft
Surface Water Elev. 2.5
Groundwater Elev. _____
when drilling _____
at Completion _____
after _____ hrs.

Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R	R	CORE	COMP.
		(1)	(2)	(3)	(Min/ft)	(H (psf))
585.40	Loose dark gray clayey SAND, trace gravel, saturated A-1-a					
	Firm brown sandy GRAVEL, saturated A-1-a					
578.40	Vary tough gray SILTY LOAM, trace gravel, moist A-4/A-6 (See Page 2 for Coring)					

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

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Top Elev.	Coring Notes and Rock Description	Core Run (ft)	R	R	CORE	COMP.
		(1)	(2)	(3)	(Min/ft)	(H (psf))
578.40	Dolomite, light gray, occasional weathered tan/buff at fractures, silty, massive bedded, trace pyrite, 5-10% pin point vugs. Thin fractures from 7 to 12 feet filled with bluish-gray clay.					
566.30	Dolomite, light gray, silty, massive bedded, white chert nodule layers (0.0-4.0 in) from 18.5 to 30 feet. Small fractures from 28.5 to 29 feet.					

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		(1)	(2)	(3)	(Min/ft)	(H (psf))
585.40	Dolomite, light gray, silty, massive bedded, white chert nodule layers (0.0-4.0 in) from 18.5 to 30 feet. Small fractures from 28.5 to 29 feet.					
553.40	End of Boring at 32.0 feet CME 55 Ardeo ATY Rig (#200) CME Automatic Hammer 3.25" (83 mm) ID HSA Rock Core with NX Core Barrel below 7.0 feet					

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DESIGNED	MJM
CHECKED	WHE
DRAWN	EAB
CHECKED	WHE

REVISIONS	
NAME	DATE

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
(4 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