

Geo Services, Inc.
 Geotechnical, Environmental & Civil Engineering
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ROCK CORE LOG

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DATE 10/5-6/2010

LOGGED BY DR

GSI JOB No. 09172

ROUTE FAP 349 (US 30) DESCRIPTION US 30 from west of IL 31 to east of Burlington Northern Railroad

SECTION (10 & 11 VB) R-3 LOCATION Section 32, T. 38 N., R. 8 E., Aurora Township, 3rd P.M.

COUNTY Kane CORING METHOD Rotary Wash

STRUCT. NO. SN 045-0039 CORING BARREL TYPE & SIZE NX Double Swivel-10 ft

Station 12171+21.00 Core Diameter 2.0 in

BORING NO. SB-08 Top of Rock Elev. 596.0

Station: 1270+34 Begin Core Elev. 595.0

Offset: 36.5' Left

Ground Surface Elev. 640.0

RUN 1 (-45.0' to -55.0') 595.0

Silurian System, Niagaran Series Dolomite
 Light gray mottled gray with horizontal to wavy bedding. Soft & argillaceous with numerous clay & shale partings from -47.0' to -55.0'.

DEPTH (ft)	CORE RUN (#)	R E C O V E R Y (%)	R Q D (%)	C O R E T I M E (min /ft)	S T R E N G T H (tsf)
595.0	1	100.0	37.5	n/a	566@ -45.2
-50					
-55					



Color pictures of the cores Yes Cores will be stored for examination for XX
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

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GRÄEF
 8501 W. Higgins Road, Suite 280
 Chicago, Illinois 60631; (773) 399-0112

USER NAME =	DESIGNED - J.J.G. 6/15/2012	REVISED -
	CHECKED - J.A.Z. 6/15/2012	REVISED -
PLOT SCALE =	DRAWN - D.L.G. 6/15/2012	REVISED -
PLOT DATE =	CHECKED - E.E.J. 6/15/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROCK CORE LOG, SB-8
 STRUCTURE NO. 045-0039**

SHEET NO. S98 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	319
			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				