

Geo Services, Inc.  
 Geotechnical, Environmental & Civil Engineering  
 805 Amherst Court, Suite 204  
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ROCK CORE LOG

PAGE 1 of 1  
 DATE 10/13/2010  
 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-04 Top of Rock Elev. 596.1  
 Station: 1269+09 Begin Core Elev. 596.1  
 Offset: 36.5' Left  
 Ground Surface Elev. 640.1

DEPTH (ft)	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORRECTION (min /ft)	STRENGTH (tsf)
596.1	1	100.0	62.5	n/a	577@ -44.0
RUN 1 (-44.0' to -54.0') Silurian System, Niagaran Series Dolomite  Light gray mottled gray with horizontal to wavy bedding. Soft & argillaceous with some varving. Numerous weathered horizontal fractures with clay & shale partings.					
-49					
-54					



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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 6/14/2012 6:10:06 PM

**GR&EF**  
 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-4**  
**STRUCTURE NO. 045-0039**

SHEET NO. S92 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	313
CONTRACT NO. 60133				
ILLINOIS FED. AID PROJECT				