



# ROCK CORE LOG

PAGE 1 of 1  
 DATE 11/5/2010  
 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-13** Top of Rock Elev. 597.4  
 Station: 1271+71 Begin Core Elev. 594.9  
 Offset: 36.5' Right  
 Ground Surface Elev. 638.4

DEPTH (ft)	CORE RUN (#)	R E C O V E R Y (%)	R Q D (%)	C O R E I M E (min /ft)	S T R E N G T H (tsf)
594.9	1	97.5	49.0	n/a	10549 -45.4
-48.5					
-53.5					

RUN 1 (-43.5' to -53.5')  
 Silurian System, Niagaran Series Dolomite  
 Brownish gray to gray with horizontal to wavy bedding. Soft & argillaceous with numerous weathered horizontal fractures clay partings throughout.



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 6:22:04 PM



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-13  
 STRUCTURE NO. 045-0039**

SHEET NO. 5106 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	327
			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				