



# ROCK CORE LOG

PAGE 1 of 1  
DATE 10/7/2010  
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-19** Top of Rock Elev. 599.3  
Station: 1273+62 Begin Core Elev. 598.3  
Offset: 37.0' Right  
Ground Surface Elev. 644.3

DEPTH (ft)	CORE RUN (#)	R E C O V E R Y (%)	R E C O V E R Y (%)	C O R E T I M E (min/ft)	S T R E N G T H (tsf)
598.3	1	92.5	64.5	n/a	5700 -47.6

RUN 1 (-46.0' to -56.0')  
Silurian System, Niagaran Series Dolomite  
Light gray mottled gray with horizontal to wavy bedding becoming softer & argillaceous with weathered horizontal fractures below -48.0'. 3.5" Clay parting @ -48.9'.



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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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-19  
STRUCTURE NO. 045-0039**

SHEET NO. 5112 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	333
			CONTRACT NO. 60133	

ILLINOIS FED. AID PROJECT