



ROCK CORE LOG

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DATE 9/30-10/5/2010

LOGGED BY DR

GSJ 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-09 Top of Rock Elev. 594.4

Station: 1270+90 Begin Core Elev. 593.4

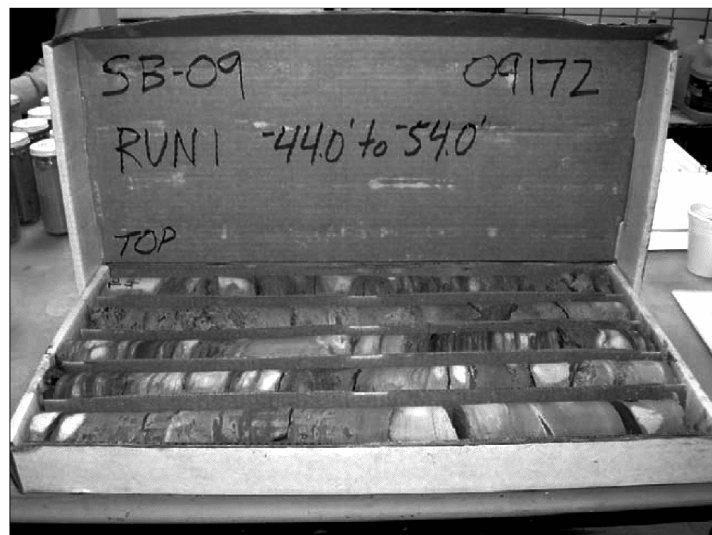
Offset: 36.5' Right

Ground Surface Elev. 637.4

RUN 1 (-44.0' to -54.0') Silurian System, Niagaran Series Dolomite

Gray with horizontal to wavy bedding. Soft & argillaceous with numerous clay & shale partings throughout. Some varving below -48.0'.

DEPTH (ft)	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORRECTION (min/ft)	STRENGTH (tsf)
593.4	1	100.0	0.0	n/a	n/a
-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 6:43:39 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-9
 STRUCTURE NO. 045-0039**

SHEET NO. S100 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	321
			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				