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 Geotechnical, Environmental & Civil Engineering
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ROCK CORE LOG

PAGE 1 of 1
 DATE 10/12/2010
 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-05 Top of Rock Elev. 598.3
 Station: 1269+60 Begin Core Elev. 597.3
 Offset: 36.5' Right
 Ground Surface Elev. 641.3

DEPTH (ft)	CORE RUN (#)	RE CO VE RY (%)	R Q D (%)	C O R E T I M E (min /ft)	S T R E N G T H (tsf)
597.3	1	100.0	62.5	n/a	942@ -54.5
-49					
-54					

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 some clay partings. 1.0" clay parting @ -44.3' & 1.5" clay parting @ -51.9'.



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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 6/14/2012 6:14 PM

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-5
 STRUCTURE NO. 045-0039

SHEET NO. S94 OF 116 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	315
			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				