

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
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(630)-355-2839

ROCK CORE LOG

Page 1 of 1
Date 9/14/09

ROUTE F.A.I. Rte. 57 DESCRIPTION I-57 over Kankakee River LOGGED BY MD

SECTION (190)BR & BR-1 LOCATION NE 14, SEC. 9, TWP. 30N, RNG. 13W, 2nd PM

COUNTY Kankakee CORING METHOD NX-double tube

STRUCT. NO. 046-0003 (NB) CORING BARREL TYPE & SIZE Solid Barrel/NX
Station 260+90.00

BORING NO. RC-1 Core Diameter 2 in
Station 257+49.3 Top of Rock Elev. 549.90 ft
Offset 47.50ft Right Begin Core Elev. 549.90 ft
Ground Surface Elev. 611.40 ft

DEPTH (ft)	CORRECTION (#)	RECOVERY (%)	ROQ (%)	CORE D I M E N S I O N S (min)ft	STRENGTH (tsf)
549.90	1	92	35		
Silurian System, Niagan Series Dolomite Brown, very soft & argillaceous to -64.0' becoming brown mottled gray & soft to -67.85', becoming light gray & fine grained with horizontal bedding. Vertical fracture from -69.2' to -69.8'.					
-65					316.0
-70					550.0
539.90	2	99	93		
Silurian System, Niagan Series Dolomite Light gray & fine grained with horizontal bedding & few fractures.					
-75					649.0
534.90					
-80					

Color pictures of the cores Yes
Cores will be stored for examination until 5 yrs after const.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

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ROUTE F.A.I. Rte. 57 DESCRIPTION I-57 over Kankakee River LOGGED BY MD

SECTION (190)BR & BR-1 LOCATION NE 14, SEC. 9, TWP. 30N, RNG. 13W, 2nd PM

COUNTY Kankakee CORING METHOD NX-double tube

STRUCT. NO. 046-0003 (NB) CORING BARREL TYPE & SIZE Solid Barrel/NX
Station 260+90.00

BORING NO. RC-2 Core Diameter 2 in
Station 262+53.5 Top of Rock Elev. 551.20 ft
Offset 47.00ft Right Begin Core Elev. 550.70 ft
Ground Surface Elev. 611.70 ft

DEPTH (ft)	CORRECTION (#)	RECOVERY (%)	ROQ (%)	CORE D I M E N S I O N S (min)ft	STRENGTH (tsf)
550.70	1	100	77		
Silurian System, Niagan Series Dolomite -64.4'. Some horizontal fractures throughout.					
-65					706.0
-70					
540.70	2	100	100		
Silurian System, Niagan Series Dolomite Light gray to gray & fine grained with horizontal bedding.					
-75					718.0
535.70					
-80					

Color pictures of the cores Yes
Cores will be stored for examination until 5 yrs after const.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
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Note:
Rock cores RC-1 and RC-2 are measured off of @ F.A.I. Rte. 57.