

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630)-355-2839

ROCK CORE LOG

Page 1 of 1
Date 9/18/09

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-3 Core Diameter 2 in
Station 264+27.7 Top of Rock Elev. 540.50 ft
Offset 47.00ft Left Begin Core Elev. 538.50 ft
Ground Surface Elev. 611.50 ft

DEPTH (ft)	CORRECTION (#)	RECOVERY (%)	COVERAGE (%)	CORE Diameter (minft)	STRENGTH (tsf)
538.50	1	100	64		653.0
-75					
-80					
529.00	2	94	56		602.0
-85					
525.50	3	100	97		600.0
-90					

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-4 Core Diameter 2 in
Station 259+22.5 Top of Rock Elev. 550.40 ft
Offset 47.00ft Left Begin Core Elev. 549.40 ft
Ground Surface Elev. 611.90 ft

DEPTH (ft)	CORRECTION (#)	RECOVERY (%)	COVERAGE (%)	CORE Diameter (minft)	STRENGTH (tsf)
549.40	1	100	55		638.0
-65					
-70					
539.40	2	100	90		639.0
-75					
534.40					
-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)

Note:
Rock cores RC-3 and RC-4 are measured
off of @ F.A.I. Rte. 57.

DESIGNED - DAVID H. RICHTER	EXAMINED - <i>Joanne F. Joffe</i> ACTING ENGINEER OF BRIDGE DESIGN	DATE - OCTOBER 4, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROCK CORE LOGS STRUCTURE NO. 046 - 0135 (NB) & 046 - 0136 (SB)	F.A.I. RTE. 57	SECTION (140)BR&BR-1	COUNTY KANKAKEE	TOTAL SHEETS 183	SHEET NO. 119	
CHECKED - JUSTIN T. BELUE	PASSED - <i>Carl Kruger</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED -			CONTRACT NO. 66750					
DRAWN - MICHAEL B. MOSSMAN		REVISED -			SHEET NO. 79 OF 79 SHEETS					
CHECKED - J.T.B. / D.H.R.					ILLINOIS FED. AID PROJECT					