

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 627	SECTION 11BR	COUNTY LASALLE	SHEET NO. 69	SHEET NO. 41	SHEET NO. 24 31 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract #66556

Illinois Department of Transportation
Division of Highways
District 3, Ottawa

ROCK BORING LOG

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Date 7/158

ROUTE FAP 627(ILL 71) DESCRIPTION Structure over Vermilion River near Jonesville LOGGED BWilliam Carter

SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE CORING METHOD

STRUCT. NO. 050-0029 Exist. CORING BARREL TYPE & SIZE 5' Double Barrel
Station 25+60

BORING NO. 1 Core Diameter 2 in
Station 25+1.00 Top of Rock Elev. 63.90 ft
Offset 0.00ft Begin Core Elev. 369.10 ft
Ground Surface Elev. 489.80 ft

DEPTH (ft)	RECOVERY (%)	ROTTEN (%)	CRACKS (min/ft)	STRENGTH (tsf)
369.10	1	78	35	
369.50				1.7
367.80				
366.40				325.4
365.90				
364.10				
363.60	2	43	0	
363.20				
361.80				
359.10	3	94	22	
358.40				
355.60				
354.10	4	100	69	
353.30				2.2
351.20				0.5
349.70				
348.10				

Color pictures of the cores Yes
Cores will be stored for examination until Bridge is complete
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-89)

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DEPTH (ft)	RECOVERY (%)	ROTTEN (%)	CRACKS (min/ft)	STRENGTH (tsf)
346.90	5	100	73	2.8
345.60				
344.40				
344.10	6	78	78	34.0
340.20				59.9
339.10				
330				

Color pictures of the cores Yes
Cores will be stored for examination until Bridge is complete
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
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SECTION 1BR LOCATION SW 14, SEC. 24, TWP. 33N, RNG. 1E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0029 Exist. CORING BARREL TYPE & SIZE 5' Double Barrel
Station 25+60

BORING NO. 2
Station 24+45
Offset 0.00ft
Ground Surface Elev. 480.10 ft

DEPTH (ft)	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. Upon Completion (ft)	First Encounter Upon Completion (ft)	After Hrs.
480.10									
478.10									
456.60									
453.10									
431.10									
425.60									
423.10									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
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BORING NO. 2
Station 24+45
Offset 0.00ft
Ground Surface Elev. 480.10 ft

DEPTH (ft)	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. Upon Completion (ft)	First Encounter Upon Completion (ft)	After Hrs.
418.10									
405.60									
404.10									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, form 137 (Rev. 8-89)

SOIL BORING LOGS
F.A.P. ROUTE 627 - SECTION 11BR
LASALLE COUNTY
STATION 26+61.50
STRUCTURE NO. 050-0242