

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 1
Date 1/29/71

ROUTE FAP 310 DESCRIPTION US 67 over Piasa Creek LOGGED BY J. King

SECTION 42-1-1B LOCATION SEC. 30, TWP. 7N, RING. 10W, 3 PM

COUNTY Jersey DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 042-0002 (EXISTING)
Station 318+48.86

BORING NO. 3
Station 319+58
Offset 23.00ft LT
Ground Surface Elev. 469.0 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
0		Brown SILTY CLAY			
1		Brown Coarse SAND and GRAVEL (continued)			
2		Brown and Gray SAND and GRAVEL			
3		Green CLAY TILL			
4		Green SANDY SILTY SHALY TILL			
5		Brown and Gray Broken LIMESTONE (dry, hard) (drilled)			
6		Brown SANDY CLAYEY SILT			
7		Brown Coarse SAND and GRAVEL			
8		END OF BORING			

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SOIL BORING LOG Page 1 of 2
Date 1/19/02

ROUTE FAP 310 DESCRIPTION FAP 310 over Piasa Creek LOGGED BY M. Tappen

SECTION 42-1-1B LOCATION SE 14, SEC. 30, TWP. 7N, RING. R10W, 3 PM

COUNTY Jersey DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. PC-B4
Station 319+60
Offset 60.00ft LT
Ground Surface Elev. 463.8 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
0		Gray Moist SILTY LOAM			
1		Brown Wet SILTY CLAY LOAM			
2		Brown Moist SILTY CLAY LOAM			
3		Brownish Gray Argillaceous LIMESTONE, weathered			
4		Borehole continued with rock coring.			

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SOIL BORING LOG Page 1 of 2
Date 1/14/02

ROUTE FAP 310 DESCRIPTION FAP 310 over Piasa Creek LOGGED BY M. Tappen

SECTION 42-1-1B LOCATION SE 14, SEC. 30, TWP. 7N, RING. R10W, 3 PM

COUNTY Jersey DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. _____
Station _____

BORING NO. PC-B5
Station 319+61
Offset 20.00ft LT
Ground Surface Elev. 464 ft

DEPTH (ft)	DIAMETER (in)	SOIL TYPE	WATER	TEMPERATURE (°F)	PERCENTAGE (%)
0		Brown & Gray V. Moist SILTY LOAM			
1		Brown & Gray V. Moist SILTY LOAM w/Loam Seams			
2		Brown & Gray V. Moist SILTY LOAM w/Loam Seams (Iron Oxidized)			
3		Gray V. Moist SILTY CLAY LOAM			
4		Gray & Brown V. Moist SILTY CLAY			
5		Borehole continued with rock coring.			

FIP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-16-1, 42-1	JERSEY	481	219

STA. _____ TO STA. _____

EXISTING CONDITIONS: _____

Sheet 35 of 35 Sheets
CONTRACT NO. 76318

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ROCK CORE LOG Page 2 of 2
Date 1/19/02

ROUTE FAP 310 DESCRIPTION FAP 310 over Piasa Creek LOGGED BY M. Tappen

SECTION 42-1-1B LOCATION SE 14, SEC. 30, TWP. 7N, RING. R10W, 3 PM

COUNTY Jersey CORING METHOD Christiansen NXB Wireline w/Water

STRUCT. NO. _____
Station _____

BORING NO. PC-B4
Station 319+60
Offset 60.00ft LT
Ground Surface Elev. 463.8 ft

DEPTH (ft)	DIAMETER (in)	ROCK TYPE	REMARKS
0		Light Gray Mod. Indurated Macrocystalline LIMESTONE	
1		Light Brown Poorly Indurated v. Weathered Argillaceous LIMESTONE w/grayish brown very poor indurated v. weathered Clayey Shale seams	
2		Tannish Gray to Gray Mod. Indurated SILTSTONE	
3		Dark Gray Mod. Indurated Argillaceous LIMESTONE w/1" Quartz seam (secondary mineralization)	
4		Dark Gray Well Indurated Calcereous SHALE	
5		Boring Completed	

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ROCK CORE LOG Page 2 of 2
Date 1/14/02

ROUTE FAP 310 DESCRIPTION FAP 310 over Piasa Creek LOGGED BY M. Tappen

SECTION 42-1-1B LOCATION SE 14, SEC. 30, TWP. 7N, RING. R10W, 3 PM

COUNTY Jersey CORING METHOD Christiansen NXB Wireline w/Water

STRUCT. NO. _____
Station _____

BORING NO. PC-B5
Station 319+61
Offset 20.00ft LT
Ground Surface Elev. 464 ft

DEPTH (ft)	DIAMETER (in)	ROCK TYPE	REMARKS
0		Gray Mod. Indurated Fossiliferous Macrocystalline LIMESTONE	w/vertical fracturing
1		Grayish Brown Weathered Poor to Moderately Indurated Argillaceous LIMESTONE	
2		Dark Gray Mod. Indurated SILTSTONE	
3		Brownish Gray Mod. Indurated Macrocystalline Fossiliferous LIMESTONE	
4		Gray Mod. to Well Indurated Macrocystalline Fossiliferous LIMESTONE	
5		Boring Completed	

Note:
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 T206)

HR
HURST - ROSCHE
ENGINEERS, INC.
601 NORTH BRUNS LANE
SPRINGFIELD, IL 62702
(217)-787-1199
FAX (217)-793-1199

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS

FAP ROUTE 310
SECTION 60-16-1, 42-1
JERSEY COUNTY

11:56:14 AM 02/26/2010 09:13:00