

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highway SCI Engineering, Inc.
SOIL BORING LOG Page 1 of 4
Date 7/21, 2008

ROUTE FAP 312 (I, 3) DESCRIPTION Structure Boring LOGGED BY SCI
SECTION 64-1VBR LOCATION Bridge crossing UPRR and Prairie Dupont Canal - North of Dupont, SEC., TWP., R
COUNTY St. Clair DRILLING METHOD CME 75 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	UCS (tsf)	MOISTURE (%)	CLASSIFICATION	REMARKS
082-0030 (existing)	Surface Water Elev.					
	Stream Bed Elev.					
BORING NO. B-104	Groundwater Elev. First Encounter	404.0 ft				
Station 283+90	Upon Completion					
Offset 50 ft LL	After					
Ground Surface Elev. 417.0						
FILL: Rubble and soil		419.0				
Fill: Brown high plastic clay and brown low plastic sandy clay (A-7)		418.0	3.5	25		
Fill: Dark brown low plastic sandy clay (A-6)		414.0				
CLAY: Dark brown, high plastic (A-7)		413.1	2.7	28		
Becomes brown, grades to trace sand		411.4				
SANDY CLAY: Brown, low plastic (A-6)		410.4	0.6	25		
SILTY CLAY: Brown, low plastic (A-4)		409.0				
SAND: Brown, fine (A-3)		407.2				
SILTY SAND: Brown, fine (A-2)		405.2				
SILTY CLAY: Brown, low plastic, some sand (A-4)		400.0	0.25	36		
		397.0				
		393.0				
		389.0				
		385.0				
		381.0				
		377.0				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

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Station 283+90	Upon Completion					
Offset 50 ft LL	After					
Ground Surface Elev. 417.0						
SAND: Brown, fine (A-3)		357.0				
Grades to fine to medium sand, trace fine gravel		355.0				
		353.0				
		351.0				
		349.0				
		347.0				
		345.0				
		343.0				
		341.0				
		339.0				
		337.0				
		335.0				
		333.0				
		331.0				
		329.0				
		327.0				
		325.0				
		323.0				
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		293.0				
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		287.0				
		285.0				
		283.0				
		281.0				
		279.0				
		277.0				
		275.0				
		273.0				
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		101.0				
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		83.0				
		81.0				
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		41.0				
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		37.0				
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		31.0				
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		27.0				
		25.0				
		23.0				
		21.0				
		19.0				
		17.0				
		15.0				
		13.0				
		11.0				
		9.0				
		7.0				
		5.0				
		3.0				
		1.0				
		0.0				

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		331.				