

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 3

Date 2/19, 27/2008

ROUTE FAP Route 10 DESCRIPTION IL Route 267 Bridge Replacement over Taylor Creek LOGGED BY Terra Drill/SCI  
SECTION 410BR-1 LOCATION Rockbridge Township, SEC. 28, TWP. 10N, RNG. 10W  
COUNTY Greene DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	DEPTH H	BULGE L	SHEAR C	PENETROMETER U	MOISTURE M	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After - Hrs.	DEPTH H	BULGE L	SHEAR C	PENETROMETER U	MOISTURE M
Existing 031-0018	B-1	85+04							483.7 ft					
TOPSOIL - 4 Inches														
SILTY CLAY: Brown low plastic, some sand (A-6)														
CLAYEY SILT: Brown, low plastic (A-4)														
SAND: Brown, fine to medium (A-3)														
CLAY: Brown, high plastic (A-7)														
CLAYEY SAND: Gray, fine to medium (A-2)														
CLAY: Gray, high plastic, trace organics (A-7)														
SAND: Gray, fine to coarse trace gravel (A-1) and CLAYEY SAND: Gray, fine to medium (A-2)														
CLAY: Brown, high plastic, some sand, trace gravel (A-7)														
Becomes gray														

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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Existing 031-0018	B-1	85+04							483.7 ft					
CLAY: Brown, high plastic, some sand, trace gravel (A-7) (continued)														
SAND: Brown, fine to medium, trace gravel (A-3) (continued)														
Grades to trace organics														
Mud rotary mixture/water added to augers at 45 feet.														
SAND: Brown, fine to medium, trace gravel (A-3)														
Grades to trace gravel														
SAND: Brown, fine to medium, some silt, trace organics and coal (A-2)														

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Existing 031-0018	B-1	85+04							483.7 ft					
SAND: Brown, fine to medium, some silt, trace organics and coal (A-2) (continued)														
SANDY CLAY: Brown, low plastic, some silt, gravel, and coal (A-4)														
Borehole continued with rock coring.														

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DESIGNED: K-E-G DRAWN: SJS  
CHECKED: DCD CHECKED: DCD

SOIL BORINGS (1 OF 3)  
ILLINOIS 267 OVER  
TAYLOR CREEK  
STRUCTURE NO. 031-0043

SHEET 17 OF 19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10	410BR-1	GREENE	37	29
		STA. 85+20.50	CONTRACT NO. 76B58		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					