STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 12/12/07

ROUTE FAS 739 DESCRIPTION Eldred-Hillview Road over Cole Creek LOGGED BY E. Stewart

SECTION 401-2BR LOCATION NW 1/4, SEC. 4, TWP. 9N, RNG. 13W, 3 PM

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-0013 (E) / 031-0041 (P)
Station 124+00

BORING NO. C-1
Station 123+90
Offset 45.00ft LT
Ground Surface Elev. 443.05 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter 423.1 ft ▼
Upon Completion ____ ft
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Brown LOAM			6		
			5		10
			3	NC	
		-5	4		
			3	0.37	15
			2	S/0	
			5		
			4	0.37	19
			4	S/10	
	433.6				
Light Brown Clay LOAM Speckled with Sand		-10	3		
			3	0.49	21
			4	S/20	
			5		
			6	0.33	11
			6	B/20	
		-15	4		
			2	0.33	18
			2	S/20	
	428.1				
Light Gray Sandy LOAM with Aggregate			10		
			8		16
			2	NC	
		▼-20	2		
Light Gray Sandy LOAM with Aggregate *(continued)*			3	0.33	20
			2	B/20	
			13		
			7		16
			7	NC	
		-25	1		
			1	0.07	25
			1	B/20	
	416.1				
Light Gray Sandy LOAM			2		
			4	0.33	23
			6	B/20	
	413.6				
Light Brown Sandy Clay LOAM		-30	2		
			5	0.33	25
			6	B/10	
	408.6				
Silt LOAM A-6(8) See Classification @ 35 ft		-35	21		
			21		11
			14	NC	
		-40	2		

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)

BBS, from 137 (Rev. 8-99)

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After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Silt LOAM *(continued)*			4	0.62	18
			6		
	399.6				
Sand Came Up in Augers - END OF BORING		-45			
		-50			
		-55			
		-60			

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)

BBS, from 137 (Rev. 8-99)

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS

SHEET NO. 19	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21 SHEETS	739	401-2BR	GREENE	150	52
	S.N. 031-0041		CONTRACT NO. 76410		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HENRY, MEISENHEIMER & GENDE, INC. CONSULTING ENGINEERS 1075 LAKE ROAD, P.O. BOX 70 CARLYLE, ILLINOIS 62231 (618) 594-3711 WWW.HMGENGINEERS.COM