Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Date 3/11/03

ROUTE 1270E DESCRIPTION 2 Miles Northeast of Indianola LOGGED BY CNA

SECTION ~~00-03128-00-BR~~ 01-03130-00 BR LOCATION SE, SEC. 10, TWP. 17N, RNG. 12W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-3224
Station 10+00

BORING NO. 1 S. Abut.
Station 9+74
Offset 0.0 ft Rt.
Ground Surface Elev. 100.40 ft

Surface Water Elev. 93.40 ft
Stream Bed Elev. 91.70 ft

Groundwater Elev.:
First Encounter 92.4 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay to Silty Clay Loam (Backfill) 100.4			
	1		
	3	1.7	16
-5	3	B	
94.9			
Dark Brown Organic Loam to Sand Loam (Alluvium)	1		
	1	0.6	28
	2	B	
▼			
	1		
	1		
90.4 -10	4		
Brown/Pink Sandy Clay Loam Till			
	20		
No Sample - Drove Sampler on Rock	15		
	15		
	4		
	8	7.4	12
-16	12	B	
	3		
	9	4.8	13
	11	B	
	4		
	8	5.8	13
-20	12	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Pink Sandy Clay Loam Till (continued)			
	2		
	7	6.4	14
-25	12	B	
73.9			
Gray Sandy Clay Loam Till			
	3		
	6	6.2	15
-30	12	B	
67.4			
Gray/Green Silt to Very Fine Sand	5		
	30		17
-35	50		
63.4			
Gray Sandy Clay Loam Till			
	6		
	10	6.4	13
60.4 -40	20	B	
End of Boring			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
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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Date 3/11/03

ROUTE 1270E DESCRIPTION 2 Miles Northeast of Indianola LOGGED BY CNA

SECTION ~~00-03128-00-BR~~ 01-03130-00 BR LOCATION SE, SEC. 10, TWP. 17N, RNG. 12W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-3224
Station 10+00

BORING NO. 2 N. Abut.
Station 10+26
Offset 0.0 ft Rt.
Ground Surface Elev. 100.10 ft

Surface Water Elev. 93.40 ft
Stream Bed Elev. 91.70 ft

Groundwater Elev.:
First Encounter 91.1 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Loam (Backfill) 100.1			
	1		
	2	1.0	13
-5	1	B	
94.1			
Dark Brown Organic Loam (Alluvium)	1		
	1	0.4	23
	1	B	
	1		
Dirty Coarse Sand & Gravel Seam 91.1 ▼			
Brown/Pink Sandy Clay Loam Till	1	8.7	12
90.1 -10	6	S	
Gray Sandy Clay Loam Till			
	5		
	9	9.9	11
	13	B	
	5		
	9	7.4	11
-15	15	B	
	2		
	8	8.7	11
-20	13	S	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)			
	6		
	7	6.6	14
-25	13	B	
Drilled Through Rock			
	3		
	7	6.4	13
-30	13	B	
	4		
	7	6.2	14
65.1 -35	25	B	
End of Boring			
-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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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ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003685

BORING LOGS
TR 427 OVER FAYETTE CREEK
DATE: 11-03-09 DRAWN BY: JEH CHECKED BY: DF

SHEET NO. 7 OF 7 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	-	01-03130-00-BR	VERMILION	17	11
		SN 092-3493	CONTRACT NO. 91366		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PRINTED DATE: 11/16/2009
FILE NAME: I:\NYPROJECTS\Vermilion County of\TR 427 over Fayette Creek\CADD\Drawings\Sheets\VL1.BOR LOG.VermCo_TR427.dgn