Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 6/28/05

ROUTE 980E DESCRIPTION 1.25 Miles North-Northwest of Idianola LOGGED BY CNA

SECTION 01-03131-00-BR LOCATION NE, SEC. 7, TWP. 17N, RNG. 12W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-3125
Station 10+00

BORING NO. 1 South Abut.
Station 9+71
Offset 0.0 ft Rt.
Ground Surface Elev. 99.9 ft

Surface Water Elev. 89.9 ft
Stream Bed Elev. 89.4 ft

Groundwater Elev.:
First Encounter ft
Upon Completion Wash Bored ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam (Backfill)			
	2		
-5	3 4		22
93.9 Brown Silty Clay Loam Till to Brown Silt (Mixed)	0		
	1 2		18
	1		
-10	2 3		19
	3		
87.9 Gray Sandy Clay Loam Till	4 5	1.4 B	13
	4		
85.4 Gray Clay Loam Till with Intermittent Sand Seams	6 11	1.9 B	12
-15	10		
	12 27	10.9 S	9
	8		
-20	23 23	11.3 S	7
Gray Clay Loam Till with Intermittent Sand Seams *(continued)*			
	15		
-25	35 33	9.8 S	7
	19		
-30	40 45	11.3 S	7
67.9 Gray/Green Sandy Clay Loam Till			
	10		
64.9 End of Boring -35	23 33	10.5 S	10
-40			

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, 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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Illinois Department of Transportation
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IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 6/28/05

ROUTE 980E DESCRIPTION 1.25 Miles North-Northwest of Idianola LOGGED BY CNA

SECTION 01-03131-00-BR LOCATION NE, SEC. 7, TWP. 17N, RNG. 12W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-3125
Station 10+00

BORING NO. 2 North Abut.
Station 10+28
Offset 0.0 ft Rt.
Ground Surface Elev. 100.0 ft

Surface Water Elev. 89.9 ft
Stream Bed Elev. 89.4 ft

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam (Backfill) 100.0			
	1		
-5	2 3		24
94.0 Brown Sandy Clay Loam Till to Brown Silt (Mixed)			
	0		
-10	1 3	1.0 B	15
89.0 Brown Sandy Clay Loam Till	2		
	5 5	2.1 B	13
	3		
85.5 Gray Sandy Clay Loam Till -15	5 7	1.9 B	13
82.0 Gray Moderately Sorted Coarse Sand with Gray Sandy Clay Loam Till Seams	27		
-20	41 22		
Gray Moderately Sorted Coarse Sand with Gray Sandy Clay Loam Till Seams *(continued)*			
75.5 Gray Sand Loam Till to Sandy Clay Loam Till -25	10 27 30		
73.0 Gray Well Sorted Coarse Sand	22		
70.5 Gray Sandy Clay Loam Till -30	39 52	11.8 S	7
(Drilled Extremely Hard)	10		
-35	42 50	10.7 S	10
65.0 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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753 WINDSOR ROAD
CHARLESTON, IL 61920
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WWW.ESICONSULTANTSLTD.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-000985

BORING LOGS
TR 164 OVER SWANK CREEK
DATE: 09-29-2008 DRAWN BY: ADG CHECKED BY: DF

SHEET NO. 7 OF 7 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		01-03131-00-BR	VERMILION	13	10
		SN 092-3494	CONTRACT NO. 91365		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PRINTED DATE: 10/6/2008
n:\projects\vermilion county sn\tr 164 over swank creek\coadd\dgn\sheets\10 _BorLog.dgn