

Illinois Department of Transportation
Division of Highways
DOT - 1041

SOIL BORING LOG

Page 1 of 1
Date 10/15/02

ROUTE FAP Route 749 (IL 133) DESCRIPTION 1 Mile East of Redman LOGGED BY CNA


SECTION 12NRS,14BR LOCATION SW SEC. 27, TWP. 14N, RNG. 13W, 3rd PM

COUNTY Edgar DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Dry	ft
022-2018	280+84.3							
		P	O	S	I			874.3
		T	W	S	S			
		H	S	Q	T			
BORING NO.	4 East Boring					Groundwater Elev.:		
Station	280+79					First Encounter		
Offset	14.9 ft L					Upon Completion		
Ground Surface Elev.	873.6	(ft)	(°)	(in)	(%)	After	Hrs.	
<p>Black Silty Clay to Silty Clay Loam (Beckhill)</p> <p>874.1</p> <p>1</p> <p>3 1.7 23</p> <p>4 B</p> <p>Black Mottled Silty Clay Loam</p> <p>874.1</p> <p>1</p> <p>1 1.4 23</p> <p>3 B</p> <p>Brown Mottled Silty Clay Loam Till</p> <p>874.6</p> <p>1</p> <p>2 3.3 13</p> <p>4 B</p> <p>Grey Silty Clay Loam Till</p> <p>875.1</p> <p>1</p> <p>2 2.7 12</p> <p>11 B</p> <p>Grey Clay Loam Till</p> <p>875.1</p> <p>3</p> <p>5 3.3 12</p> <p>7 B</p>								

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, P-Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T200)

HRS, from 137 (Rev. 8-99)



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ROUTE FAP Route 749 (IL 133) DESCRIPTION 4 Miles West of Redman LOGGED BY CNA


SECTION 12NRS,14BR LOCATION SE SEC. 23, TWP. 14N, RNG. 14W, 3rd PM

COUNTY Edgar DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Dry	ft
022-2019	8+78							
		P	O	S	I			863.7
		T	W	S	S			
		H	S	Q	T			
BORING NO.	5 East Boring					Groundwater Elev.:		
Station	8+58					First Encounter		
Offset	14.0 ft R					Upon Completion		
Ground Surface Elev.	867.3	(ft)	(°)	(in)	(%)	After	Hrs.	
<p>Black Silty Clay</p> <p>868.4</p> <p>1</p> <p>2 31</p> <p>2</p> <p>Brown/Grey Mottled Silty Clay Loam to Silty Clay</p> <p>868.4</p> <p>1</p> <p>2 1.4 23</p> <p>2 B</p> <p>Brown Silty Clay Loam Till</p> <p>868.4</p> <p>1</p> <p>1 2.3 15</p> <p>3 B</p> <p>Grey Clay Loam Till</p> <p>868.4</p> <p>1</p> <p>3 1.7 14</p> <p>4 B</p> <p>1</p> <p>1 2.3 12</p> <p>6 B</p> <p>End of Boring</p>								

End of Boring
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SECTION 12NRS,14BR LOCATION SE SEC. 23, TWP. 14N, RNG. 14W, 3rd PM

COUNTY Edgar DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Dry	ft
022-2020	8+78							
		P	O	S	I			863.7
		T	W	S	S			
		H	S	Q	T			
BORING NO.	6 West Boring					Groundwater Elev.:		
Station	8+58					First Encounter		
Offset	31.0 ft L					Upon Completion		
Ground Surface Elev.	867.1	(ft)	(°)	(in)	(%)	After	Hrs.	
<p>Brown/Grey Mottled Silty Clay Loam</p> <p>867.1</p> <p>1</p> <p>2 1.3 24</p> <p>3 B</p> <p>1</p> <p>2 1.0 23</p> <p>2 B</p> <p>0</p> <p>1 0.5 21</p> <p>2 B</p> <p>Grey Clay Loam Till</p> <p>867.1</p> <p>1</p> <p>2 1.3 18</p> <p>4 B</p> <p>1</p> <p>1 2.3 13</p> <p>6 B</p> <p>Grey Coarse Sand Lens</p> <p>867.1</p> <p>1</p> <p>5 3.1 10</p> <p>12 B</p>								

End of Boring
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