CONTRACT No. 72682

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
315	34-5	HANCOCK	612	322
STA.		TO STA.		
FED. ROAD DIST. No.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 6

SOIL BORING LOG

Page 1 of 1

Date 3/24/04

ROUTE FAP 302 (IL 336/US 136) DESCRIPTION 336 Section 5 Soil Survey LOGGED BY M. Tappan

SECTION 34-5 (5B) LOCATION , SEC. , TWP. , RNG. , PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.
Station

BORING NO. 27
Station 1246+60
Offset 120.0ft LT
Ground Surface Elev. 546.7 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter 538.7 ft
▽ Upon Completion 541.7 ft
▼ After 7 D Hrs. 544.7 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist SILT LOAM CLASSIFICATION 27-1			1		
			6	2.0	14
	543.20		6	P	
Brown and Light Gray V. Moist SAND LOAM CLASSIFICATION 27-2 ▼		-5	0		
			1	0.3	17
			1	B	
Free Water			0		
▽	538.70		2	0.4	17
Gray Dirty Med to Coarse SAND LOAM CLASSIFICATION 27-3			3	S-7	
		-10	0		
	536.20		0		
Gray V. Moist SILT LOAM w/ Woody Organics CLASSIFICATION 27-4			0		
	533.70		0	0.1	63
Gray Wet LOAM (Till) Ref Classification 26-1			0	B	
		-15	0		
			0	0.2	18
			0	B	
			0		
			2	1.2	15
			2	B	
Grayish Brown		-20	1		
Gray Wet LOAM (Till) Ref Classification 26-1 (continued)			2	1.5	16
			3	B	
Gray	521.70	-25	2		
			4	1.8	14
			8	B	
		-30			
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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)

File Name S:\GEOLOGY\ FILES\BAR\XCCOLS. DWG SECTION 0.0, 0.0 DEG 0 BOARFAX AND STYLE:LOY Date Created 11/2/05 Date Printed 11/2/05
Latitude Longitude Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 6

SOIL BORING LOG

Page 1 of 1

Date 10/26/05

ROUTE FAP 302 (IL 336/US 136) DESCRIPTION IL 336 Culvert LOGGED BY M. Tappan

SECTION 34-5 (5B) LOCATION SE 14, SEC. 16, TWP. 5 N, RNG. 5 W, 4 PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. N/A
Station 1247+00

BORING NO. 27A
Station 1247+00
Offset 25.0ft Lt
Ground Surface Elev. 560.6 ft

Surface Water Elev. Dry ft
Stream Bed Elev. ft

Groundwater Elev.:
▽ First Encounter 539.6 ft
▽ Upon Completion Dry ft
▼ After Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
No Samples Required – Drilled to 8'					
		-5			
		-10			
	553.60				
Brown Moist CLAY LOAM (Fill)			1		
			2	1.1	16
			2	B	
		-20			
			1		
			2	1.3	17
			3	B	
			1		
			1	0.9	17
			1	B	
		-35			
			0		
			1	0.8	17
			2	B	
	543.10				
Brown and Grey Moist SILTY CLAY LOAM w/Pockets of LOAM			0		
			1	0.4	21
			1	B	
	540.60	-40			
Brown and Grey Wet SAND LOAM to Grey Dirty Medium to Coarse Grained SAND ▽ Free Water – Sand did not flow into augers			0		
			1		19
			1		
	538.10				
Grey and Brown Moist CLAY LOAM (Till)			0		
			1	0.8	28
	536.10		2	B	
Boring Completed		-35			
Refer STA, Elev. to Boring #28					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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)

File Name S:\GEOLOGY\ FILES\BAR\XCCOLS. DWG SECTION 0.0, 0.0 DEG 0 BOARFAX AND STYLE:LOY Date Created 11/2/05 Date Printed 11/2/05
Latitude 41 Deg 34.631 N Longitude 90 Deg 31.433 W Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 6

SOIL BORING LOG

Page 1 of 1

Date 3/22/04

ROUTE FAP 302 (IL 336/US 136) DESCRIPTION 336 Section 5 Soil Survey LOGGED BY M. Tappan

SECTION 34-5 (5B) LOCATION , SEC. , TWP. , RNG. , PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.
Station

BORING NO. 28
Station 1246+75
Offset 65.0ft RT
Ground Surface Elev. 543.5 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter No Data ft
▽ Upon Completion 515.5 ft
▼ After 7 D Hrs. 538.5 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Wet SAND LOAM CLASSIFICATION 26-1					
		-5	0		
▼			0	0	21
			0	B	
	527.00				
Gray and Brown Moist LOAM (Till) Ref Classification 24-2			0		
			2	1.0	18
			2	B	
Free Water					
		-10	0		
			3	1.5	16
			3	B	
			0		
	530.50		3	1.7	17
Gray Moist LOAM (Till) w/Lenses of LOAM and SILT LOAM Ref Classification 26-1			4	B	
		-15	1		
			2	0.8	17
			3	B	
			0		
			2	0.7	17
			3	B	
		-20	0		
Gray Moist LOAM (Till) w/Lenses of LOAM and SILT LOAM Ref Classification 26-1 (continued)			2	0.8	17
			3	B	
		-25	0		
▽			3	1.2	15
			4	B	
		-30	1		
			2	1.4	15
			5	B	
	511.00				
Gray Med Wet SAND			1		
	508.50	-35			
			5		
			7		
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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)

File Name S:\GEOLOGY\ FILES\BAR\XCCOLS. DWG SECTION 0.0, 0.0 DEG 0 BOARFAX AND STYLE:LOY Date Created 11/2/05 Date Printed 11/2/05
Latitude Longitude Datum NAD83 Job Number

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
STA. 1247+00.19

SCALE: N/A
DATE: MARCH 10, 2006

DRAWN BY: RG
CHECKED BY: JAC

•DGN-SPEC•
•DATE-TIME•
•REF01

D6 PROJECT: FILE: .