F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
315	34-5	HANCOCK	612	326
STA.		TO STA.		
FED. ROAD DIST. No.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 4

SOIL BORING LOG

Page 1 of 1

Date 4/15/04

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. N/A
Station N/A

BORING NO. 98
Station 1389+10
Offset 15.0ft RT
Ground Surface Elev. 531.0 ft

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

Groundwater Elev.:
▽ First Encounter No Encounter ft
▽ Upon Completion Plugged ft
▼ After 4 D Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist SILTY CLAY LOAM CLASSIFICATION 98-1		-5	1		
			2	0.6	24
	526.00		2	B	
Brown and Gray Moist CLAY Ref Classification 96-1			0		
			1	0.7	23
			2	B	
	521.00	-10	1		
			2	1.7	24
Brown and Gray Moist SILTY CLAY Ref Classification 96-2			4	B	
			1		
			3	1.4	25
			4	B	
		-15	1		
			2	1.4	27
			4	B	
		-20	1		
Brown and Gray Moist SILTY CLAY (continued) Ref Classification 96-2			2	1.2	26
			4	B	
	508.50				
Light Brown and Gray Moist SILTY CLAY LOAM CLASSIFICATION 96-1	506.00	-25	1		
			2	0.7	23
			3	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:\SOIL\IDOT FILES\HANCOCK\IL 336 SECTION 5\IL 336 SEC 5 BALDWIN AND STOCKLEY Date Template DETAIL\IDOT Date Printed 12/9/06
Latitude Longitude Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
IDOT DISTRICT 4

SOIL BORING LOG

Page 1 of 1

Date 4/15/04

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. N/A
Station N/A

BORING NO. 99
Station 1389+10
Offset 105.0ft RT
Ground Surface Elev. 528.5 ft

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

Groundwater Elev.:
▽ First Encounter No Encounter ft
▽ Upon Completion Dry ft
▼ After 4 D Hrs. 524.0 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist CLAY Ref Classification 96-1		-5	1		
			2	1.7	21
	520.00		4	B	
Gray and Brown Moist SILTY CLAY Ref Classification 96-2			1		
			2	1.3	22
			4	B	
		-10	1		
			3	1.4	24
			4	B	
			1		
			2	1.0	29
			4	B	
		-15	1		
			2	1.4	27
			4	B	
	508.50		1		
			2	0.8	25
			3	B	
		-20			

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:\SOIL\IDOT FILES\HANCOCK\IL 336 SECTION 5\IL 336 SEC 5 BALDWIN AND STOCKLEY Date Template DETAIL\IDOT Date Printed 12/9/06
Latitude Longitude Datum NAD83 Job Number

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
STA. 1389+10

SCALE:
DATE: MARCH 10, 2006
DRAWN BY: RG
CHECKED BY: JAC

•DGN-SPEC•
•DATE-TIME•
•REF01

D6 PROJECT: FILE: .