ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 315	34-5(5B)	HANCOCK	612	277
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7

7 SHEETS

CONTRACT NO. 72682

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/9/04

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

SECTION 34-5 (5B) LOCATION SEC. 15, TWP. 5N, RNG. 5W, 4 PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2515 Pr
Station 1289+79.56

BORING NO. 48
Station 1290+10
Offset 110.00ft LT
Ground Surface Elev. 527.6 ft

Surface Water Elev. 525.6 ft
Stream Bed Elev. 525.3 ft

Groundwater Elev.:
First Encounter 514.1 ft
Upon Completion 520.6 ft
After 72 H. Hrs. 523.6 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Moist LOAM CLASSIFICATION 48-1		-5	1		
			1	0.6	20
w/ Gray Wet Med to Coarse SAND Seam 3"			5	B	
Dark Gray V. Moist			0		
			0	0.2	25
			1	B	
Brown and Gray V. Moist SAND LOAM CLASSIFICATION 48-2	516.10	-10	0		
			0	0.4	16
			2	B	
Free Water			0		
			0	0.2	21
	514.10		0	B	
Gray Dirty Med SAND to Brown Dirty Angular GRAVEL		-15	0		
			0		
			2		
Brown Dirty Coarse Angular GRAVEL w/ interbedded SILTY CLAY Seams			1		
			2		
			3		
Gray Dirty Med Angular		-20	2		
Limestone GRAVEL	507.10	-25	7		
			9		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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)

CRL BORING IL 336 SEC 5 ROADWAY AND STRUCT GPJ DOTSMPL1.GDT 10/21/05
IDOT Rev 10/21/05 Longitude 90D 27.55W NAD83

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/9/04

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

SECTION 34-5 (5B) LOCATION SEC. 15, TWP. 5N, RNG. 5W, 4 PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2515 Pr
Station 1289+79.56

BORING NO. 49
Station 1290+20
Offset 65.00ft RT
Ground Surface Elev. 524.1 ft

Surface Water Elev. 523.3 ft
Stream Bed Elev. 523.0 ft

Groundwater Elev.:
First Encounter 513.6 ft
Upon Completion Washed ft
After 72 H. Hrs. 520.1 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist LOAM Ref Classification 48-1			0		
		-5	0	0.3	27
			1	B	
Free Water			0		
			1	0.4	26
			1	B	
			0		
		-10	1	0.4	28
	513.60		1	B	
Gray V. Moist SILTY CLAY LOAM w/ some Woody Organics			1		
			1	0.4	31
	511.10		1	B	
Gray to Brown Med SANDY GRAVEL			2		
		-15	2		
			3		
Gray Med Clean SAND			2		
			2		
			2		
Gray Med Clean SAND w/ some Med GRAVEL		-25	2		
			2		
Gray to Brown Med SANDY GRAVEL *(continued)*			2		
	502.10				
Gray V. Moist LOAM Washed			0		
		-25	1	0.3	23
	498.60		1	B	
Gray Med SANDY GRAVEL			2		
			8		
			10		
			2		
		-30	15		
	494.10		20		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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)

CRL BORING IL 336 SEC 5 ROADWAY AND STRUCT GPJ DOTSMPL1.GDT 10/21/05
IDOT Rev 10/21/05 Longitude 90D 27.55W NAD83

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/9/04

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

SECTION 34-5 (5B) LOCATION SEC. 15, TWP. 5N, RNG. 5W, 4 PM

COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 034-2515 Pr
Station 1289+79.56

BORING NO. 49A
Station 1290+80
Offset 110.00ft RT
Ground Surface Elev. 525.3 ft

Surface Water Elev. 517.9 ft
Stream Bed Elev. 517.7 ft

Groundwater Elev.:
First Encounter 509.3 ft
Upon Completion Washed ft
After 72 H. Hrs. 519.6 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown Moist SILT LOAM CLASSIFICATION 49A-1		-5	1		
			1	0.4	24
			2	B	
Gray and Brown V. Moist			0		
			0	0.2	28
			1	B	
Gray Med Angular GRAVEL		-10	0		
			0	0.4	28
			1	B	
			0		
			0	0.3	28
			1	B	
Free Water		-15	0		
			0	0.2	28
	509.30		0	B	
Gray V. Moist SILTY CLAY LOAM CLASSIFICATION 49A-2			0		
			0	0.2	35
w/ some Woody Organics			0	B	
		-29	0		
Gray V. Moist SILTY CLAY LOAM CLASSIFICATION 49A-2 *(continued)*			0	0.2	39
			0	B	
	502.30				
Gray Med to Coarse SAND w/ some Med GRAVEL		-25	1		
			2		
			5		
Gray Med Angular GRAVEL		-30	7		
			12		
	494.80		10		
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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)

CRL BORING IL 336 SEC 5 ROADWAY AND STRUCT GPJ DOTSMPL1.GDT 10/21/05
IDOT Rev 10/21/05 Longitude 90D 27.55W NAD83

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE
BORING LOGS

PROJECT
IL. ROUTE 336 OVER TRIB TO LA MOINE RIVER
FAP ROUTE 315 SECTION 34-5(5B)
HANCOCK COUNTY
STATION 1289+79.56
STRUCTURE NUMBER 034-7002

PROJECT NO. 02076-3
SCALE
DATE 03/09/06
DRAWN BY TFG
CHECKED BY CME/MCB
DRAWING NO. 7 OF 7 SHTS

COOMBE-BLOXDORF P.C.
Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002708

PLOT DATE = 5/4/2006
FILE NAME = c:\projects\8065530\dgn\final\final bloxdorf files\1289+79.56\gen 034-7002-sht-07-borings.dgn
PLOT SCALE = 0x2.0588 ' / IN.
USER NAME = loughlinr