ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P 315	(108B)BR, BR-1	MCDONOUGH	80	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7
8 SHEETS

Contract #88799

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 4/29/99

ROUTE FAP 315 (US 136) DESCRIPTION US 136 over Camp Creek, 1.5mi. N of Adair LOGGED BY DPS

SECTION (108B) BR-1 LOCATION , SEC. , TWP. , RNG.

COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 055-0011(exist) 055-2004(prop)
Station 67+53(exist) 67+23(prop)

BORING NO. 1
Station 67+37
Offset 13.80ft RT
Ground Surface Elev. 641.10 ft

Surface Water Elev. 633.90 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 625.1 ft
Upon Completion 632.6 ft
After 24 Hrs. 633.6 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Dk. Brown SILTY CLAY			2		
			3	2.0	26.0
			4	P	
			2		
			2	0.4	35.0
		-5	3	B	
			1		
			2	0.5	28.0
			2	P	
			1		
			2	0.6	28.0
		-10	2	B	
Brown & Gray SILTY CLAY LOAM w/tr of sand & grav	630.10		1		
			1	0.2	27.0
			2	B	
Brown & Gray SILTY CLAY LOAM w/tr organics	627.60		1		
			2	1.7	19.0
		-15	3	B	
Brown & Gray SAND	625.10		2		
			9		19.0
			17		
Brown SAND	622.60		5		
			20		21.0
		-20	24		
Brown SAND (continued)			9		
			14		20.0
			24		
Gray SHALEY SILT	617.60		1		
			13	2.6	24.0
		-25	25	S	
			14		
			25	1.9	21.0
			21	S	
Gray SILTY CLAY	612.60		13		
			17	0.8	24.0
		-30	16	S	
Gray CLAY LOAM TILL	610.10		4		
			5	4.5	16.0
			9	B	
			4	3.9B	18.0
			6		
Brown SILTY CLAY	606.60	-35	9	1.8S	28.0
Gray & Brown SHALEY SILT	605.10		5		
			7	2.9	26.0
			11	B	
Grn-Gray CLAY TILL w/gravels	602.60		16		
			47		15.0
		-40	53@3"		

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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 4/29/99

ROUTE FAP 315 (US 136) DESCRIPTION US 136 over Camp Creek, 1.5mi. N of Adair LOGGED BY DPS

SECTION (108B) BR-1 LOCATION , SEC. , TWP. , RNG.

COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 055-0011(exist) 055-2004(prop)
Station 67+53(exist) 67+23(prop)

BORING NO. 1
Station 67+37
Offset 13.80ft RT
Ground Surface Elev. 641.10 ft

Surface Water Elev. 633.90 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 625.1 ft
Upon Completion 632.6 ft
After 24 Hrs. 633.6 ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Grn-Gray CLAY TILL w/gravels (continued)	600.10		5		
Brown & Gray CLAY LOAM w/tr organics			8	2.8	21.0
			11	S	
Gray SHALEY CLAY	597.60		6		
			17	7.7	13.0
		-45	26	S	
Gray SHALE	595.10		12		
			55		11.0
			45@2"		
Gray SHALEY CLAY w/tr of coal at 48.5'-50'	592.60		13		
			14	3.1	14.0
		-50	37	S	
			11		
			14	3.1	13.0
			19	S	
Gray SHALE	587.60		11		
			21		10.0
		-55	79@6"		
			100@1"	NO RECOVERY	
			8		
			23		12.0
		-60	78		
Gray SHALE (continued)			85		
	579.10		100@3"		8.0
End of Boring					
		-65			
		-70			
		-75			
		-80			

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)

LIN ENGINEERING, LTD.
20 W. Chestnut Chatham, Illinois 62629
(217) 483-6615 FAX (217) 483-4706
Designed By: KMB Checked By: MTH Drawn By: JMD
Date: 04/06 File: 055-2004.FDN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
F.A.P. RTE 315 (U.S. ROUTE 136)
OVER CAMP CREEK
SECTION (108B)BR-1
McDONOUGH COUNTY
STA. 67+23.00
STRUCTURE NO. 055-2004