

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 67	115RS-3, B-2	MORGAN	42	340
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT -	

SHEET NO. 70
7 SHEETS



SOIL BORING LOG

Page 1 of 2
Date 11/13/03

ROUTE FAP 310 (US 67) DESCRIPTION US 67 / I.L. 100 over Willow Creek LOGGED BY M. Metcalf

SECTION 115RS-3, B-2 LOCATION NW 1/4, SEC. 18, TWP. 19 N, RNG. 12 W, 3 PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 1408 Auto

STRUCT. NO. 069-2001 Ex Station 664+50	D E P T H S	B L O W S	U C S	M O I S T U R E	Surface Water Elev. 440.0 ft Stream Bed Elev. 438.3 ft	D E P T H S	B L O W S	U C S	M O I S T U R E
BORING NO. 1 MW WW Station 664+52 Offset 41.08 RL	T W H S	Q u T			Groundwater Elev. 455.9 ft First Encounter Washed ft Upon Completion Plugged ft	H S	Q u T		
Ground Surface Elev. 447.3 ft	(ft)	(ft)	(%)		Hrs.	(ft)	(ft)	(%)	

Brown to Greyish Brown Moist SILTY CLAY (F) w/ Fine Grained SAND Seams									
Broken Sample	1	2	1.0	21	4				
Extremely Disturbed Sample	2	4		26	4				
Very Disturbed Sample	3	5	1.0	27	4				
Brown and Grey Mottled V. Moist SILT w/ Black Oxidation Spots	0	1	0.5	30	2				
Free Water	2	B							
Grey Fine Grained SAND LOAM	0	1		21	10				
SAND	1	1			7				
Grey Fine Grained SAND Washed	3	3			4				
Washed	3	3			9				
	4	4			11				
	5	5			11				

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 (ASTM D1586) (B.S. - Before Sealing)

BBS, from 137 (Rev. 8-99)



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Ground Surface Elev. 447.3 ft	(ft)	(ft)	(%)		Hrs.	(ft)	(ft)	(%)	

SAND (continued)									
Grey Medium Grained SAND Washed	5	5			6				
Grey Medium to Coarse Grained SAND Washed	4	4			4				
Medium Grained SAND and GRAVEL Washed	6	6			7				
Drilled Crundly - Interpret Coarse Gravel	10	10			12				
Coarse Grained SAND and GRAVEL Washed	12	12			12				
Boring Completed									

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BORING NO. 2 SE WW Station 664+67 Offset 32.08 LL	T W H S	Q u T			Groundwater Elev. No Encounter ft First Encounter Washed ft Upon Completion Plugged ft	H S	Q u T		
Ground Surface Elev. 446.9 ft	(ft)	(ft)	(%)		Hrs.	(ft)	(ft)	(%)	

Brown Moist SILTY CLAY LOAM (F)									
Grey Coarse Grained SAND Washed	2	2	0.9	25	1				
Brown and Dark Grey Broken Sample	2	2	0.5	30	2				
Grey Moist SILTY CLAY LOAM w/ Red Oxidation Spots	1	1			7				
Brown Moist SILTY CLAY LOAM w/ Fine Grained SAND Seams	0	1	0.8	26	3				
Broken Sample	3	3			3				
SAND No Recovery Washed	0	0			6				
Grey Medium Grained Silty SAND Washed	3	3			6				
Grey Medium Grained SAND Washed	1	1			10				
	4	4			9				
	4	4			9				
	4	4			9				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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Ground Surface Elev. 446.9 ft	(ft)	(ft)	(%)		Hrs.	(ft)	(ft)	(%)	

SAND (continued)									
Grey Coarse Grained SAND Washed	11	11			10				
No Recovery (Interpret Coarse SAND)	15	15			15				
Boring Completed									
Refer STA to d. of Existing Culvert = 664+50									
Refer Elevation to BM1122 RR Spike in East Face of Power Pole TB2 = 446.32									
Lat 39 Degree 50.852 Long 90 Degree 30.339 NAD 83									

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DESIGNED	EML
CHECKED	DLS
DRAWN	EML
CHECKED	DLS

BORING LOGS
US ROUTE 67 OVER WILLOW CREEK
F.A.P. ROUTE 310 - SECTION 115RS-3, B-2
MORGAN COUNTY
STATION 664+52.55
STRUCTURE NO. 069-7500

Plot Date: 12/5/2006
Plot Time: 8:15 AM
Plotter: laughtinr1
Pen Table: #PEN#
Filename: #FILE#

\$\$\$SUBS