



Illinois Department
of Transportation
Division of Highways
DOT DISTRICT 1

SOIL BORING LOG

Page 1 of 2

Date 8/17/04

ROUTE FAP 67 DESCRIPTION IL 125 over Tributary to Lost Creek LOGGED BY M. Tappan

SECTION (6X-1) B-2, B-3 LOCATION SW 1/4, SEC. 26, TWP. 18 N, RNG. 11 W, 3 PM

COUNTY Cass DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 009-2000 Ex
009-2506 Pr
Station 136+64.8

BORING NO. 2 SE WW
Station 137+07
Offset 13.00 ft RI
Ground Surface Elev. 537.7 ft

Description	D E P T H ft	B L O W S Qu	U C S T	M O I S T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter ft Upon Completion Plugged ft After Hrs. Plugged ft	D E P T H ft	B L O W S Qu	U C S T	M O I S T
Brown and Grey Moist SILTY CLAY LOAM (Fill)							Grey Wet SILT (continued)				
	0							0			
	0	0.1						1	B		32
	1							0			
	0	0.1						0	B		34
	1	0.6		20				0			
	2	B						0	B		
	1							0			
	1	0.7		22				0			
	2	S-12						0	B		
529.70											
Grey Moist SILT LOAM (Fill)							Grey Moist SILT				
	1							1			
	1	0.6		27				1	0.7		28
	1	S-12						3	B		
	1							0			
	1	0.5		23				1			
	1	B						1	0.6		36
524.70							Grey Wet SILT Free Water				
Grey V. Moist SILTY CLAY LOAM (Fill)								0			
	1							1	0.6		36
	1	0.4		30				1	B		
522.20											
Dark Grey V. Moist SILT LOAM (Fill)								0			
	0							0	0.2		35
	1	B						0			
519.70											
Grey Wet SILT								0			
	0							0	0.1		33
Sampler Advanced By Weight of Hammer	0	B					Sampler Advanced By Weight of Hammer	0	0.0		31
	0							0	SLUMP		

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)

SOIL BORING 009-2000 EX, DISTRICT 1 DOT 28003
Lands 28 Day 28 Inch Lengths 80 Day 18 07/17/04



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Grey Wet SILT (continued)							Grey Wet SILT (continued)				
	0							0			
	1	0.4		27				0	0.1		25
	1	B					Sampler Advanced By Weight of Hammer	0	B		
	1							0			
	3	0.9		25			Grey V. Moist SILTY LOAM w/ Interbedded SAND LOAM Seams	0	0.2		25
	4	B						1	B		
	1							0			
	1	0.5		28			Brown and Light Olive Grey Moist CLAY LOAM (Fill)				
	1	B									
	0							1			
	1	0.5		28				6	3.6		17
	2	B						9	B		
	0										
	0	0.1		29			Boring Completed to 35 tons Bearing				
	1	B					Refer STA to cl. of Existing Culvert STA 136+85 Increase to East				
	0						Refer Elevation to BM # JJ2S Chisled Square on SE WW = 537.5'				

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SOIL BORING 009-2000 EX, DISTRICT 1 DOT 28003
Lands 28 Day 28 Inch Lengths 80 Day 18 07/17/04

BORINGS
IL ROUTE 125 OVER
TRIBUTARY TO LOST CREEK
F.A.P. ROUTE 67 - SECTION (6X-1)B-2
CASS COUNTY
STA. 136+64.40
S.N. 009-2506



Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL
62703 Phone: (217)544-8033 IL Design Firm
No. 184-001907

SHEET NO. 9
OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6X-1)B-2	CASS	71	43
CONTRACT NO. 72875				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			