



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 3/13/07

ROUTE FAP 685 (IL9) DESCRIPTION 10'x3.5'Box, 0.78mi N of Timberview Lake Rd,
2mi N of Bushnell LOGGED BY JAR

SECTION 36(RS-1)C-2 LOCATION Bushnell Township NW1/4,NW1/4, SEC. 23, TWP. 7N, RNG. 1W, 4th PM,
Latitude , Longitude

COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 055-1001(EX)
055-2506 (PR)
Station 670+00
BORING NO. 66972
Station 669+72
Offset 39.00ft Lt
Ground Surface Elev. 310.90 ft

D	B	U	M		D	B	U	M	
E	L	C	O		E	L	C	O	
P	O	S	I		P	O	S	I	
T	W		S		T	W		S	
H	S	Qu	T		H	S	Qu	T	
	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
No Sample					Brown, Gray SILTY CLAY (continued)	2	B		
309.40					1" wet sand seam				
Dark Brown SILTY CLAY LOAM	1					1			
DS FL exist culv	2	0.8	31			2	0.8	24	
308.50	2	B				2	P		
306.90					Gray SILTY	2			
Brown, Gray SILTY CLAY	1					3	2.5	26	
	-5	1	0.3	31		5	B		
	2	B							
304.40					Gray SILTY CLAY	3			
Brown, Gray CLAY LOAM	1					4	2.7	25	
	2	1.4	30			6	B		
	2	B							
	1					3			
	-10	2	1.3	32		4	2.1	26	
	2	B				8	B		
					1" sand seam				
	2								
	2	1.6	24		Dark Brown SILTY PEAT	2			
	4	B				3	1.9	38	
						5	B		
	2				Gray SILTY CLAY	3			
	-15	2	1.6	23		4	0.8	29	
	3	B				4	B		
					BM = DS FL elev from old set of plans=308.5' End of Boring				
294.40									
Brown, Gray SILTY CLAY	1								
	2	1.2	21						
	2	B							
	1								
	-20	2	0.9	24					

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, form 137 (Rev. 8-99)



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Page 1 of 1

Date 3/13/07

ROUTE FAP 685 (IL9) DESCRIPTION 10'x3.5'Box, 0.78mi N of Timberview Lake Rd,
2mi N of Bushnell LOGGED BY JAR

SECTION 36(RS-1)C-2 LOCATION Prairie City Township SW1/4,SW1/4, SEC. 14, TWP. 7N, RNG. 1W, 4th PM,
Latitude , Longitude

COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 055-1001(EX)
055-2506 (PR)
Station 670+00
BORING NO. 67000
Station 670+00
Offset 32.00ft Rt
Ground Surface Elev. 312.60 ft

D	B	U	M		D	B	U	M	
E	L	C	O		E	L	C	O	
P	O	S	I		P	O	S	I	
T	W		S		T	W		S	
H	S	Qu	T		H	S	Qu	T	
	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
No Sample					Brown, Gray SILTY CLAY (continued)	2	B		
311.10									
Dark Brown SILTY CLAY LOAM	2					1			
	2	1.1	28			1	0.8	19	
US FL exist culv	3	B				2	P		
309.00					Gray Med to Cse SAND & GRAVEL	2		15	
	1					2	1.8	26	
	-5	2	1.5	27		5	B		
	1	P							
306.10					Brown, Gray CLAY LOAM	1			
	1					1	0.7	31	
	2	B				4	P	27	
	1					1			
	-10	1	0.5	41		3	1.3	25	
	2	B				6	P		
	2					2			
	1	1.6	26			3	1.8	34	
	2	B				4	B		
					trace of SILTY PEAT				
	2					5			
	-15	2	1.2	23		6	1.5	25	
	3	B				7	P		
	2					3			
	1	1.0	24			4	2.0	23	
	2	B				6	P		
					GRAVELLY @36.5'				
					BM = US FL elev from old set of plans=309.0' End of Boring				
293.60									
Brown, Gray SILTY CLAY	1								
	2	0.9	23						

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, form 137 (Rev. 8-99)

FILE NAME =
68406 sheets.dgn

USER NAME = kulmankk

DESIGNED - HZS

REVISED -

DRAWN - HZS

REVISED -

CHECKED -

REVISED -

DATE - 4-2-09

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
PROPOSED SN 055-2506

NOT TO SCALE SHEET NO. 2 OF 2 SHEETS STA. 669+76

F.A.P.
RTE.
685/618

SECTION
36(RS-1)C-2)

COUNTY
MCDONOUGH

TOTAL
SHEETS
52

SHEET
NO.
24

CONTRACT NO. 68406

ILLINOIS FED. AID PROJECT