

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	456
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		
• SANGAMON AND CHRISTIAN				
Sheet 3 of 3 Sheets				



SOIL BORING LOG

Page 1 of 1

Date 3/10/05

ROUTE FAP 75 (IL 29) DESCRIPTION IL 29 Over Lick Branch LOGGED BY M. Tappan

SECTION 84-12; 11-3 LOCATION NW 1/4, SEC. 24, TWP. 14 N. RNG. 3 W. 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. <u>011-7051</u>	D	B	U	M	Surface Water Elev. <u>584.9</u> ft	D	B	U	M
Station <u>1479+05</u>	E	L	C	O	Stream Bed Elev. <u>583.8</u> ft	E	L	C	O
BORING NO. <u>9</u>	P	O	S	I	Groundwater Elev. <u>576.9</u> ft	H	W	Q	S
Station <u>1478+47</u>	H	S	Q	T	<input checked="" type="checkbox"/> First Encounter <u>576.9</u> ft	H	S	Q	T
Offset <u>75.0R Rt</u>					<input checked="" type="checkbox"/> Upon Completion <u>Dry</u> ft				
Ground Surface Elev. <u>585.9</u> ft	(ft)	/6"	(tsf)	(%)	<input checked="" type="checkbox"/> After <u>24</u> Hrs. <u>581.4</u> ft	(ft)	/6"	(tsf)	(%)

Very Dark Gray Moist SILTY CLAY LOAM CLASSIFICATION 9-1					Gray and Brown Moist LOAM (Till) Ref Classification 8-5 Free Water (continued)	30	10	8
						41	S-13	
	1							
	3	1.4		22				
	4	B						
	1					12		
	2	1.7		23		75	10	8
	3	B				25	S-12	
Very Moist						1"		
	0							
	1	0.2		36				
	1	B						
Gray and Brown Moist LOAM (Till) Ref Classification 8-5 Free Water					Gray and Brown Dry LOAM (Till) Sample Broken	11		
	1					31	10	9
	4	3.4		12		39	E	
	9	B						
Gray Dry LOAM (Till) Sample Broken								
	3							
	18	7		8				
	25	E						
	6							
	24	9.5		7				
	35	E						
	7							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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)



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STRUCT. NO. <u>011-7051</u>	D	B	U	M	Surface Water Elev. <u>584.9</u> ft	D	B	U	M
Station <u>1479+05</u>	E	L	C	O	Stream Bed Elev. <u>583.8</u> ft	E	L	C	O
BORING NO. <u>10</u>	P	O	S	I	Groundwater Elev. <u>No Encounter</u> ft	H	W	Q	S
Station <u>1479+23</u>	H	S	Q	T	<input checked="" type="checkbox"/> First Encounter <u>No Encounter</u> ft	H	S	Q	T
Offset <u>0.0R CL</u>					<input checked="" type="checkbox"/> Upon Completion <u>574.4</u> ft				
Ground Surface Elev. <u>585.9</u> ft	(ft)	/6"	(tsf)	(%)	<input checked="" type="checkbox"/> After <u>24</u> Hrs. <u>583.9</u> ft	(ft)	/6"	(tsf)	(%)

Very Dark Gray Moist SILTY CLAY LOAM CLASSIFICATION 9-1					585.40	8		
						22	9.6	8
						27	S-11	
	1							
	2	1.2		27				
	3	B						
	1							
	2	0.7		25				
	2	B						
Brown Moist Weathered LOAM (Till) Ref Classification 8-5								
	0							
	1	1		27				
	2	S-9						
Gray and Brown Dry LOAM (Till) Sample Broken								
	9							
	26	8.5		8				
	26	E						
Gray Dry LOAM (Till)								
	9							
	25	10		7				
	36	E						
	1							
	28	10		8				
	39	E						

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STRUCT. NO. <u>011-7051</u>	D	B	U	M	Surface Water Elev. <u>584.9</u> ft	D	B	U	M
Station <u>1479+05</u>	E	L	C	O	Stream Bed Elev. <u>583.8</u> ft	E	L	C	O
BORING NO. <u>11</u>	P	O	S	I	Groundwater Elev. <u>No Encounter</u> ft	H	W	Q	S
Station <u>1479+52</u>	H	S	Q	T	<input checked="" type="checkbox"/> First Encounter <u>No Encounter</u> ft	H	S	Q	T
Offset <u>75.0R Lt</u>					<input checked="" type="checkbox"/> Upon Completion <u>Dry</u> ft				
Ground Surface Elev. <u>583.8</u> ft	(ft)	/6"	(tsf)	(%)	<input checked="" type="checkbox"/> After <u> </u> Hrs. <u>Plugged</u> ft	(ft)	/6"	(tsf)	(%)

Brown Very Moist SILTY CLAY LOAM Poor Recovery Ref Classification 9-1								
	0							
	1	0.5		27				
	2	P						
	0							
	1	0.7		26				
	3	B						
Light Brown Moist Very Weathered LOAM (Till) Ref Classification 8-5								
	0							
	1	1.5		16				
	2	P						
Light Brownish Gray Dry LOAM (Till)								
	7							
	35	10		6				
	36	E						
Gray Dry LOAM (Till) w/ 1/2" Limestone Gravel Clasts								
	7							
	32	10		7				
	41	E						
	5							
	22	8.3		7				
	28	E						
	4							
	20	9.7		7				
	38	E						

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		BORINGS PROPOSED STRUCTURE NO. 011-2514	
		SCALE: NONE	DRAWN BY: GLD
		DATE: 03/06/2012	CHECKED BY: WLB