CONTRACT NO. 72829

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	459
STA.		TO STA.		
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

* SANGAMON AND CHRISTIAN

Sheet 3 of 4 Sheets

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 2

Date 3/8/05

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

SECTION 84-12; 11-3 LOCATION NW 1/4, SEC. 13, TWP. 14 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 011-7052
Station 1525-92

BORING NO. 20
Station 1525+20
Offset 92.0ft Rt
Ground Surface Elev. 593.8 ft

Surface Water Elev. 587.1 ft
Stream Bed Elev. 587.1 ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Washed ft
After 24 Hrs. 590.8 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Very Dark Gray Moist SILTY CLAY LOAM Ref Classification 23-1			1		
			3	1.2	31
			3	B	
Brown and Gray		-5	1		
	588.30		2	1.4	44
Brown and Light Gray Moist SILT Ref Classification 23-2			3	B	
			1		
	585.80		2	0.5	26
Light Brown and Gray Moist SILTY CLAY LOAM Ref Classification 29-3			2	B	
		-10	1		
			2	0.4	25
			1	B	
Very Moist			0		
	580.80		1	0.2	32
Light Brown and Light Gray Very Moist Weathered CLAY LOAM (Till) Ref Classification 22-1			0	B	
		-15	0		
	578.30		1	0.5	22
Gray Med to Coarse Clean Sand			2	B	
			2		
	575.80		11		
Gray Moist CLAY LOAM (Till) Ref Classification 22-2 Washed			13		
		-20	3		

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Moist CLAY LOAM (Till) Ref Classification 22-2 Washed (continued)			3	3.3	12
			7	B	
		-25	5		
			16	9.6	9
			24	S-12	
			8		
			17	7.6	9
			19	S-13	
		-30	3		
			19	9.5	8
			23	S-13	
	561.30		3		
Gray and Brown Moist SILT LOAM (Till) Ref Classification 22-3			13	8	9
			9	S-12	
		-35	3		
			18	6.8	10
			24	S-10	
	553.80	-40	6		

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)

File Name \LOGS\GINT FILES\IL5 SANGAMON-CHRISTIAN\84-12&13 BRIDGES SECTION.GPJ Date Printed 1/26/09
Lattitude 39 Deg 35.503 N Longitude 89 Deg 22.349 W Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 2 of 2

Date 3/8/05

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

SECTION 84-12; 11-3 LOCATION NW 1/4, SEC. 13, TWP. 14 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 011-7052
Station 1525-92

BORING NO. 20
Station 1525+20
Offset 92.0ft Rt
Ground Surface Elev. 593.8 ft

Surface Water Elev. 587.1 ft
Stream Bed Elev. 587.1 ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Washed ft
After 24 Hrs. 590.8 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
			16	8.3	9
			21	S-10	
		-45			
		-50			
		-55			
		-60			

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)

File Name \LOGS\GINT FILES\IL5 SANGAMON-CHRISTIAN\84-12&13 BRIDGES SECTION.GPJ Date Printed 1/26/09
Lattitude 39 Deg 35.503 N Longitude 89 Deg 22.349 W Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 3/4/05

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

SECTION 84-12; 11-3 LOCATION NW 1/4, SEC. 13, TWP. 14 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 011-7052
Station 1525+92

BORING NO. 21
Station 1525+65
Offset 0.0ft CL
Ground Surface Elev. 593.7 ft

Surface Water Elev. 587.1 ft
Stream Bed Elev. 587.1 ft

Groundwater Elev.:
First Encounter 577.2 ft
Upon Completion Washed ft
After 5 Days Hrs. 589.7 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Very Dark Gray Moist SILTY CLAY Ref Classification 23-1			1		
			2	1.4	29
			4	B	
Brown and Gray		-5	1		
	588.20		2	1.2	27
Brown and Light Gray Moist SILT Ref Classification 23-2			3	B	
			0		
	585.70		1	0.5	29
Brown and Gray Moist SILTY CLAY LOAM Ref Classification 29-3			2	B	
		-10	0		
			2	0.6	25
	582.70		1	B	
Brown and Gray Moist Weathered CLAY LOAM (Till) Ref Classification 22-1			0		
			1	0.7	27
			2	B	
		-15	1		
	578.20		1	1.0	20
Gray Med to Coarse Sand w/ some Pea Gravel Free Water			2	B	
			0		
	575.70		1		
Gray Moist CLAY LOAM (Till) Ref Classification 22-2 Washed			3		
		-20	2		

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Gray Moist CLAY LOAM (Till) Ref Classification 22-2 Washed (continued)			3	3.8	10
			8	B	
	568.70	-25	3		
			18	8.1	9
			24	S-14	
		-30			
		-35			
		-40			

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)

File Name \LOGS\GINT FILES\IL5 SANGAMON-CHRISTIAN\84-12&13 BRIDGES SECTION.GPJ Date Printed 1/26/09
Lattitude 39 Deg 35.503 N Longitude 89 Deg 22.349 W Datum NAD83 Job Number

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORINGS
PROPOSED STRUCTURE NO. 011-2515

SCALE: NONE DRAWN BY: GLD
DATE: 03/06/2012 CHECKED BY: WLB

GPE
L:\DOT\030660\draw\sheets\Structures\McCLOSKEY BR CULV.BORINGS.01.dgn
3/16/2012