ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 716	*	MACON	95	62
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 28

28 SHEETS

CONTRACT NO. 74166

* (130BR-1)B-1

Illinois Department of Transportation
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SOIL BORING LOG

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Date 9/13/06

ROUTE _____ DESCRIPTION Spring Creek LOGGED BY E. Sandschafer

SECTION (130BR-1)B-1 LOCATION NE 1/4, SEC. 3, TWP. 16 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 058-0056
Station 135+77

BORING NO. 2
Station 134+80
Offset 30.00ft Lt
Ground Surface Elev. 628.68 ft

Surface Water Elev. 614.78 ft
Stream Bed Elev. 613.66 ft

Groundwater Elev.:
First Encounter 611.7 ft
Upon Completion Washed ft
After 120 Hrs. 617.2 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
1 1/2" asphalt on 8 1/2" concrete pavement	625.88				
Very stiff, damp, brown mottled gray, CLAY.			4		
			7	2.2	11
			8	B	
	622.18				
Very stiff, damp, gray, CLAY TILL		-5	3		
			6	3.1	14
			8	B	
			1		
			3	2.2	12
			3	B	
	617.18				
Very soft, very damp, black, SILTY LOAM w/ many organics.		-10	1		
			2	0.3	27
			3	B	
			0		
4" layer of wood.			0	0.2	31
			1	B	
	612.18				
Very soft, wet, gray, SANDY LOAM w/ many fine gravel.		-15	0		
			3	0.1	14
			6	PP	
	609.68				
Stiff, damp, gray, CLAY.			3		
	608.68		2	1.5	19
Gray, fine grained, SAND.			3	B	
	607.18				
		-20	0		
Medium to stiff, damp, gray, CLAY. *(continued)*			1	1.0	23
			2	B	
			0		
			2	1.0	23
			3	B	
	602.18				
Very stiff, damp, gray, CLAY TILL.		-25	2		
			2	2.1	13
			7	B	
	598.68				
Very stiff, damp, brown, SANDY CLAY TILL.			7		
			11	3.9	12
			17	B	
	597.18				
Very stiff, damp, gray, CLAY TILL.		-30	8		
			13	5.3	11
			19	B	
		-35	4		
			6	2.3	10
			9	B	
		-40	2		

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, from 137 (Rev. 8-99)

Latitude N 39 deg 52.207 min, Longitude W 89 deg 58.379 min, Map Datum WGS 84

Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

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Date 9/13/06

ROUTE _____ DESCRIPTION Spring Creek LOGGED BY E. Sandschafer

SECTION (130BR-1)B-1 LOCATION NE 1/4, SEC. 3, TWP. 16 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 058-0056
Station 135+77

BORING NO. 2
Station 134+80
Offset 30.00ft Lt
Ground Surface Elev. 628.68 ft

Surface Water Elev. 614.78 ft
Stream Bed Elev. 613.66 ft

Groundwater Elev.:
First Encounter 611.7 ft
Upon Completion Washed ft
After 120 Hrs. 617.2 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, damp, gray, CLAY TILL. *(continued)*			24	1.4	7
			50/5"	B	
	582.18				
Hard, very moist, gray, SANDY CLAY TILL.		-45	32		
			50	3.5	7
			50/4"	S	
		-50	40		
			50/4"	5.3	5
			50/2"	S	
		-55			
	567.18				
Stiff, damp, gray, SANDY LOAM.		-60	20		
Stiff, damp, gray, SANDY LOAM. *(continued)*			50/5"	1.5	17
			50/4"	S	
		-65			
	557.18				
Very stiff, damp, gray, SANDY LOAM TILL.		-70	22		
			41	3.8	22
			50	B	
		-75			
	547.18				
		-80	7		

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, from 137 (Rev. 8-99)

Latitude N 39 deg 52.207 min, Longitude W 89 deg 58.379 min, Map Datum WGS 84

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Date 9/13/06

ROUTE _____ DESCRIPTION Spring Creek LOGGED BY E. Sandschafer

SECTION (130BR-1)B-1 LOCATION NE 1/4, SEC. 3, TWP. 16 N, RNG. 2 E, 3 PM

COUNTY Macon DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 058-0056
Station 135+77

BORING NO. 2
Station 134+80
Offset 30.00ft Lt
Ground Surface Elev. 628.68 ft

Surface Water Elev. 614.78 ft
Stream Bed Elev. 613.66 ft

Groundwater Elev.:
First Encounter 611.7 ft
Upon Completion Washed ft
After 120 Hrs. 617.2 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, damp, gray, CLAY to CLAY SHALE. *(continued)*			16	3.8	5
			21	B	
		-85			