

Illinois Department of Transportation SOIL BORING LOG Page 1 of 4
 Date 8/30/06

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 140F

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	REMARKS	U	B	M
058-0056	Surface Water Elev.	614.78				
135+77	Stream Bed Elev.	613.65				
1	Groundwater Elev.	610.9				
130+83	First Encounter	617.7				
30,008 Rt	Upon Completion	618.0				
628.40	Ground Surface Elev.					
827.46	2" asphalt on 10" concrete pavement.					
809.60	Loose, damp, brown, fine grained, SAND. 3% passing #200 sieve.					
803.90	Sample skipped.					
823.90	Stiff, damp, brown marbled gray, CLAY TILL w/ trace organics and fine gravel.					
801.40	Medium, wet, gray, fine grained, SAND. 5% passing #200 sieve.					
588.80	No recovery this trip.					
618.40	Soft, very damp, dark gray, SILTY LOAM.					
593.60	Medium, wet, gray, fine grained, SAND. 10% passing #200 sieve.					
611.40	Loose, wet, gray, fine grained, SAND. 3% passing #200 sieve.					
588.90	Very stiff, damp, gray, CLAY TILL.					

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)

Illinois Department of Transportation SOIL BORING LOG Page 2 of 4
 Date 8/30/06

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 140F

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	REMARKS	U	B	M
058-0056	Surface Water Elev.	614.78				
135+77	Stream Bed Elev.	613.65				
1	Groundwater Elev.	610.9				
130+83	First Encounter	617.7				
30,008 Rt	Upon Completion	618.0				
628.40	Ground Surface Elev.					
592.90	Very stiff, damp, gray, CLAY TILL (continued)					
543.90	Hard, damp, gray, SILTY CLAY TILL.					
522.90	Gray, SANDY LOAM.					

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)

Illinois Department of Transportation SOIL BORING LOG Page 3 of 4
 Date 8/30/06

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 140F

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	REMARKS	U	B	M
058-0056	Surface Water Elev.	614.78				
135+77	Stream Bed Elev.	613.65				
1	Groundwater Elev.	610.9				
130+83	First Encounter	617.7				
30,008 Rt	Upon Completion	618.0				
628.40	Ground Surface Elev.					
533.40	Hard, moist, red, SILTY CLAY SHALE.					
502.7	Borehole continued with rock coring.					

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)

Illinois Department of Transportation ROCK CORE LOG Page 4 of 4
 Date 8/30/06

ROUTE FAP 716 (IL 48) 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 CORING METHOD Rotary, surf set diamond bit

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	REMARKS	U	B	M
058-0056	Surface Water Elev.	614.78				
135+77	Stream Bed Elev.	613.65				
1	Groundwater Elev.	610.9				
130+83	First Encounter	617.7				
30,008 Rt	Upon Completion	618.0				
628.40	Ground Surface Elev.					
532.90	Red, slightly weathered, SILTY CLAY SHALE.					
529.40	Rock core unconfined compressive strength = 3.6 tsf from 98.4' to 98.8'					
529.40	Gray, slightly weathered, SILTY CLAY SHALE.					
523.90	Rock core unconfined compressive strength = 9.9 tsf from 103.5' to 103.8'					
523.90	Extent of exploration.					
502.7	Benchmark: BM 4707-1 Chiseled square on SE wingwall of existing bridge, Sta 135+57, 42' Rt = 628.10'. Provided by Program Development.					

Color pictures of the cores
 Cores will be stored for examination until
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 BBS, form 138 (Rev. 8-99)

ESCA
 CONSULTANTS, INC.

DESIGNED BY:	ELH	11/06
DRAWN BY:	KAH	11/06
CHECKED BY:	ELH	11/06
APPROVED BY:	RDP	11/06

BORING LOGS
 IL ROUTE 48
 OVER SPRING CREEK
 FAP ROUTE 716 - SECTION (130BR-1)B-1
 MACON COUNTY
 STATION 135+77.11
 STRUCTURE NO. 058-0135