F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	631-T	COOK	33	27
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 10 of 10

Contract No.: 62710

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 1 of 2

Date 7/23/02

ROUTE FAP 343 (IL 68) DESCRIPTION Over Spring Creek LOGGED BY Pedro Nazario

SECTION LOCATION NW 14, SEC. 20, TWP. 42, RNG. 9, 3rd PM

COUNTY Cook DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 016-1035
Station

BORING NO. SB-202
Station 49+90
Offset 15.00ft RT
Ground Surface Elev. 800.47 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 795.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Topsoil			
797.97	4		
Very Stiff Black & Brown SILTY CLAY, trace gravel	4	2.8	19
	5	P	
Grades to Very Soft	4		
	3	0.0	36
795.47	2	P	
Very Soft Black & Gray SILTY CLAY LOAM w/gravel	1		
	3	0.0	13
790.97	3	P	
Loose Gray Fine to Medium SANDY LOAM w/gravel	3		
	2		13
	5		
	6		
	3		23
Begin Wash 785.97	1		
Medium Stiff Gray CLAY, trace gravel	1		
	2	0.8	18
	3	P	
	1		
	2	1.0	20
	3	P	
	1		
Medium Stiff Gray CLAY, trace gravel (continued)	3	1.0	19
778.47	6	P	
Medium Stiff Gray CLAY	1		
	2	1.0	19
	4	P	
	2		
	3	0.0	21
	4	P	
	2		
	2	0.5	20
	4	P	
Soft to Medium Stiff Gray CLAY w/trace gravel 770.97	2		
	2	0.5	21
	4	P	
	2	0.5	17
	4	P	

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
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 2 of 2

Date 7/23/02

ROUTE FAP 343 (IL 68) DESCRIPTION Over Spring Creek LOGGED BY Pedro Nazario

SECTION LOCATION NW 14, SEC. 20, TWP. 42, RNG. 9, 3rd PM

COUNTY Cook DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 016-1035
Station

BORING NO. SB-202
Station 49+90
Offset 15.00ft RT
Ground Surface Elev. 800.47 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 795.5 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Medium Stiff Gray CLAY, trace gravel (continued)	1		
	3	1.0	19
778.47	6	P	
Medium Stiff Gray CLAY	1		
	2	1.0	19
	4	P	
	2		
	3	0.0	21
	4	P	
	2		
	2	0.5	20
	4	P	
Soft to Medium Stiff Gray CLAY w/trace gravel 720.97	2		
	2	0.5	21
	4	P	
	2	0.5	17
	4	P	
Soft to Medium Stiff Gray CLAY w/trace gravel (continued)	3		
	3	1.0	16
	6	P	
754.97	4	0.3	
Medium Dense Gray Medium Coarse SAND and GRAVEL	4	P	15
	7		
	8		16
745.97			
Loose Gray Coarse SAND and pebbles	3		
	4		7
	5		
Grades to Medium Dense 740.47			
Medium Dense Gray Coarse SAND and pebbles	12		
	22		9
	10		
	7		
702.97	12		10
	19		
Wash Boring Beginning at 14.5' No Rimac Qu tests in this boring. End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 1 of 2

Date 2/27/04

ROUTE FAP 343 (IL 68) DESCRIPTION Culvert at Spring Creek LOGGED BY C. Goddard

SECTION 631T LOCATION SW 14, SEC. 17, TWP. T42N, RNG. R9E, 3rd PM

COUNTY Cook DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 016-1035
Station 50+00

BORING NO. SB-204
Station 49+76
Offset 16.00ft Lt CL
Ground Surface Elev. 800.31 ft

Surface Water Elev. 795.98 ft
Stream Bed Elev. 792.91 ft

Groundwater Elev.:
First Encounter 792.8 ft
Upon Completion 794.3 ft
After – Hrs. – ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown SILTY CLAY w/coarse gravel (FILL)			8
Note: Very Little Recovery	2		7
	2		
	2		
795.81			
Medium Stiff Brown SILTY CLAY LOAM	1		
Note: Disturbed Sample	2	0.8	22
	2	P	
772.81			
Stiff Gray SILTY CLAY LOAM	2		
	3	1.2	17
	3	B	
Grades to Very Soft, w/more silt	2		19
769.56	5		
Medium Dense Gray Fine to Coarse SAND & GRAVEL	6		12
Began Washing @ about 12.5 ft. 787.31	3		19
Stiff to Very Stiff Gray SILTY CLAY	2	1.4	17
	3	B	
	3		
	4	3.3	17
	4	B	
Stopped Washing @ about 17.5 ft.	3		
	5	2.9	18
	7	B	
Stiff to Very Stiff Gray SILTY CLAY (continued)	2		
	5	1.8	17
	5	B	
	2		
	3	2.0	19
	4	B	
	WOH		
	3	1.4	19
	5	B	
	2		
	3	1.7	19
	3	B	
	WOH		
Grades to Medium Stiff	2	0.8	20
	3	B	
Grades to Stiff w/trace coarse sand	3		
	6	1.2	19
	4	B	

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
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 2 of 2

Date 2/27/04

ROUTE FAP 343 (IL 68) DESCRIPTION Culvert at Spring Creek LOGGED BY C. Goddard

SECTION 631T LOCATION SW 14, SEC. 17, TWP. T42N, RNG. R9E, 3rd PM

COUNTY Cook DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 016-1035
Station 50+00

BORING NO. SB-204
Station 49+76
Offset 16.00ft Lt CL
Ground Surface Elev. 800.31 ft

Surface Water Elev. 795.98 ft
Stream Bed Elev. 792.91 ft

Groundwater Elev.:
First Encounter 792.8 ft
Upon Completion 794.3 ft
After – Hrs. – ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Stiff to Very Stiff Gray SILTY CLAY (continued)	3		
	4	2.1	16
	4	B	
757.06			
Medium Dense Gray Fine to Coarse SAND	4		
Began Washing @ about 45.0 ft.	6		13
	6		
723.81			

Note: WOH = Weight Of Hammer
Wash from about 12.5 to 17.5 feet and from 45 feet to end.
End of Boring

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)

RJN GROUP
RJN GROUP, INC.
WHEATON, IL 60187

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORINGS-II
IL RTE. 68 OVER SPRING CREEK
FAP RTE 343 - SECTION 631-A
COOK COUNTY
STATION 50+00
STRUCTURE NO. 016-2811

DRAWN BY BLB
DATE 12/11/08 CHECKED BY WJV