

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 2 of 2

Date 3/24/10

ROUTE FAU 2917 DESCRIPTION Cottage Grove Over I-94 (Bishop Ford Freeway) LOGGED BY RJC

SECTION 066-1314-CF LOCATION North Pier (West Side), SEC. 10, TWP. 37N, RNG. 14E, 3rd PM

COUNTY Cook DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 016-2119 (Existing)
Station 505+00.00

BORING NO. B-5
Station 504+54.70 (I-94)
Offset 11.30ft LT
Ground Surface Elev. 572.20 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter None ft
Upon Completion None ft
After Hrs. None ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				Hard to Very Hard Gray, Dry SILTY CLAY LOAM, trace gravel (continued)
10	42	13.0	9	
43	58/1*	P		
50				Extremely Dense Gray, Dry GRAVEL and sand
50	100/3		5	
50				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, form 137 (Rev. 8-99)



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Date 3/25/10

ROUTE FAU 2917 DESCRIPTION Cottage Grove Over I-94 (Bishop Ford Freeway) LOGGED BY RJC

SECTION 066-1314-CF LOCATION South Pier (East Side), SEC. 10, TWP. 37N, RNG. 14E, 3rd PM

COUNTY Cook DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 016-2119 (Existing)
Station 505+00.00

BORING NO. B-6
Station 505+40.50 (I-94)
Offset 3.00ft FT
Ground Surface Elev. 573.80 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter None ft
Upon Completion None ft
After Hrs. None ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				Dark Brown, Dry SILTY CLAY LOAM
7				
10	5.0	20		
11	P			
6				
10	3.2	11		
13	S			
7				Very Stiff to Hard Gray, Dry SILTY CLAY LOAM, trace gravel
12	5.3	11		
15	S			
7				Lens of SAND at 4.8' - medium grain
10	6.0	13		
13	S			
11	7.1	12		
16	S			
6				
12	7.6	12		
13	S			
6				
17	7.8	15		
20	S			
8				
16	4.0	20		
20	P			

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ROUTE FAU 2917 DESCRIPTION Cottage Grove Over I-94 (Bishop Ford Freeway) LOGGED BY RJC

SECTION 066-1314-CF LOCATION South Pier (East Side), SEC. 10, TWP. 37N, RNG. 14E, 3rd PM

COUNTY Cook DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 016-2119 (Existing)
Station 505+00.00

BORING NO. B-6
Station 505+40.50 (I-94)
Offset 3.00ft RT
Ground Surface Elev. 573.80 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter None ft
Upon Completion None ft
After Hrs. None ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				Very Hard Gray, Dry SILT (continued)
9				
19	4.5	17		
22	P			
11				
18	7.0	20		
19	S			
10				
14	14.7	12		
28	S			
46				Refusal at 47', possible bedrock
526.80	100/1*			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, form 137 (Rev. 8-99)

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
CHECKED	JPO

SOIL BORING LOG 4
STRUCTURE NO. 016-2119

 600 WEST FULTON STREET CHICAGO, ILLINOIS 60681-1259 TEL 312 454 9100 FAX 312 559 1217 WEB www.stepsteinglobal.com	SHEET NO. S50	F.A.I. RTE. 94	SECTION 1314B-1	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 86
	S52 SHEETS	CONTRACT NO. 60F65		ILLINOIS FED. AID PROJECT		

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