



Illinois Department of Transportation
Division of Highways
1007

SOIL BORING LOG

Page 1 of 1

Date 4/25/07

ROUTE FAI-74 DESCRIPTION Noise Wall East of Sterling Ave along Ramp A LOGGED BY SCI
SECTION 72-6,7,8,9-1,90-11,12,13,14 LOCATION Peoria, Illinois, SEC. 30, TWP. 9N, RNG. 7E
COUNTY Peoria DRILLING METHOD CME 750 HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O D E S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O D E S T	Groundwater Elev.: First Encounter Upon Completion After 24 Hrs.	D E P T H	B L O W S	U C S	M O D E S T
SILTY CLAY LOAM: Brown (A-6) 201.70														
	1													
	2	138	28.6											
CLAY: Brown (A-7) 201.89	3	B												
	3													
SILTY CLAY: Brown and gray (A-6) 200.32	1													
	1	0.25	29.1											
CLAY LOAM: Brown, trace gravel (A-7)	2													
	4	316	14.4											
Boring collapse measured at approximately 2.5 meters below the ground surface approximately 24 hours after drilling was completed.	7	B												
	3													
End of Boring 192.86	5	312	14.2											
	7	B												
	2													
	3	197	16.4											
	6	B												
	2													
	4	285	15.1											
	7	B												
	3													
	4	355	14.0											
	8	B												
	2													
	5	197	13.4											
	5													

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)

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CLAY: Brown (A-7) 201.69														
	1													
	3	281	24.8											
SILTY CLAY: Brown and gray (A-6) 200.92	3	B												
	6	415	12.5											
SILTY LOAM: Brown and gray (A-4) 200.16	8	B												
	2													
CLAY LOAM: Brown, trace gravel (A-7)	5	335	18.6											
	9	P												
End of Boring 193.46	7	240	13.2											
	7	B												
	3													
	5	217	14.0											
	7	B												
	3													
	5	197	13.5											
	8	B												
	6													
	14	431	7.8											
	14	P												
	4													
	7	481	12.9											
	13	S												
	5													
	11	568	12.4											
	15	B												
	4													
	10	533	12.3											
	10													

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)

ROUTE NO. F.A.I. I-74	SECTION #	COUNTY Peoria	SHEET NO. 24	SHEET NO. 24 45 SHEETS
FED. ROAD DIST. NO. #		ILLINOIS	FED. AID PROJECT #	Contract # 68736 * D4 I-74 Noise Wall 2008

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benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-585-0450
JOB NO. 3673

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS
NOISE ABATEMENT WALL
F.A.I. RTE. 74 (I-74)
SECTION D4 I-74 NOISE WALL 2008
PEORIA COUNTY
STA. 142+916.64 TO STA. 143+287.69
STRUCTURE NUMBER 072-8554