ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. I-74	*	Peoria		23
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 23
45 SHEETS

Contract # 68736 * D4 I-74 Noise Wall 2008

Illinois Department of Transportation
Division of Highways
IDOT

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, Illinos, SEC. 30, TWP. 9N, RNG. 7E

COUNTY Peoria DRILLING METHOD CME 750 HAMMER TYPE Automatic

STRUCT. NO.
Station MAINLINE STATIONING

BORING NO. B-03
Station 142+968.578
Offset 45.30m R
Ground Surface Elev. 199.43 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter Not observed m
Upon Completion 191.5 m
After 24 Hrs. 199.4 m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
SILTY CLAY: Brown and gray (A-7)			1		
Boring collapse measured at the ground surface approximately 24 hours after drilling was completed.			2 2	71 B	31.1
			2		
			2 3	63 B	24.8
CLAY LOAM: Brown, trace gravel (A-7)	197.76	-1.5			
			3		
			5 7	225 B	15.5
			3		
			5 8	237 B	14.2
		-3.0			
			2		
			4 7	257 B	12.7
			3		
			5 8	237 B	13.5
		-4.5			
			3		
			5 10	221 B	13.0
Coarse gravel in bottom of SPT sampler.			4		
		-6.0	7	292	12.4
CLAY LOAM: Brown, trace gravel (A-7) (continued)			11	B	
			4		
			6 11	300 B	11.9
			3		
		-7.5	8 9	277 B	13.2
			2		
			7 10	335 B	11.5
			7		
		-9.0	9 13	331 B	12.2
End of Boring	190.29	-12.0			

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
IDOT

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, Illinos, SEC. 30, TWP. 9N, RNG. 7E

COUNTY Peoria DRILLING METHOD CME 750 HAMMER TYPE Automatic

STRUCT. NO.
Station MAINLINE STATIONING

BORING NO. B-04
Station 143+007.167
Offset 45.67m R
Ground Surface Elev. 199.98 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 197.5 m
Upon Completion Not observed m
After 24 Hrs. 200.0 m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
SILTY CLAY LOAM: Brown (A-6)	193.67		5		
CLAY: Brown, trace tree roots (A-7)			2 3	-	
No Recovery - tree root blocked SPT sampler. Description interpolated from top of sample from 1.1 to 1.5 meters.	198.76		1		
SILTY CLAY: Brown and gray (A-6)		-1.5	1 2	39 B	29.9
			2		
			3 5	99 B	25.8
CLAY LOAM: Brown, trace gravel (A-7)	197.69				
Boring collapse measured at approximately 2.3 meters below the ground surface approximately 24 hours after drilling was completed.			3		
			6 10	225 B	13.7
		-3.0			
			2		
			6 6	166 B	12.3
			3		
			5 8	177 B	11.5
		-4.5			
			2		
			4 6	209 B	13.5
			2		
		-6.0	5	197	11.8
CLAY LOAM: Brown, trace gravel (A-7) (continued)			9	B	
			2		
			6 7	225 B	12.3
			3		
		-7.5	6 9	237 B	11.4
			4		
			6 9	245 B	11.9
			6		
		-9.0	9 13	209 B	13.4
End of Boring	190.83	-12.0			

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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Chicago, Illinois 60601
312-565-0450
JOB NO. 3573

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

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