ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. I-74	*	Peoria		25
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 25
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 4/23/07

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-07
Station 143+100.900
Offset 44.99m R
Ground Surface Elev. 199.74 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter Not observed m
Upon Completion Not observed m
After 24 Hrs. 194.7 m ▽

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
CLAY LOAM: Brown, trace gravel (A-7)			2		
			4 5	277 B	11.2
			3		
		-1.5	5 6	285 B	11.9
			3		
			6 9	304 B	11.7
			3		
			6 10	335 B	10.4
		-3.0			
			2		
			5 7	201 B	11.2
			2		
Wood observed in top of SPT sampler.		-4.5	3 6	221 B	14.1
		▽	2		
			3 5	201 B	14.4
			2		
		-6.0	3	205	13.6

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
CLAY LOAM: Brown, trace gravel (A-7) (continued) Cobble encountered during drilling at approximately 6.1 meters below the ground surface. Boring collapse measured at approximately 6.2 meters below the ground surface approximately 24 hours after drilling was completed. Coarse gravel in middle of SPT sampler.			5	B	
			2		
			4 6	186 B	14.0
			3		
		-7.5	6 7	214 B	13.1
			2		
			4 7	249 B	13.5
			3		
		-9.0	6 9	237 B	12.8
End of Boring	190.60				
		-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 4/24/07

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-08
Station 143+135.729
Offset 40.79m R
Ground Surface Elev. 197.45 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

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

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
CLAY: Brown (A-7)			1		
			2 4	182 B	22.4
	196.54				
CLAY LOAM: Brown (A-7) Boring collapse measured at approximately 1.2 meters below the ground surface approximately 24 hours after drilling was completed.			2		
		-1.5	5 7	363 B	13.5
			2		
			3 4	126 B	18.9
			3		
		-3.0	6 10	339 B	13.5
			3		
			9 13	474 B	12.7
			3		
		-4.5	7 8	253 B	12.6
			3		
			6 8	253 B	12.6
			3		
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
CLAY LOAM: Brown (A-7) (continued)			6 9	277 B	13.0
			3		
			6 9	300 B	13.1
			3		
		-7.5	5 7	166 B	13.7
			3		
			5 6	158 B	13.7
			4		
		-9.0	8 11	371 B	11.5
End of Boring	188.16				
		-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)

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
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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