ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 1-74	-	Peoria		22
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 22
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-01
Station 142+905.427
Offset 48.08m R
Ground Surface Elev. 201.73 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 199.1 m
Upon Completion 194.5 m
After 24 Hrs. 199.9 m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
FILL: Brown and dark brown, clay loam, trace organics (A-7)	200.81		2		
			3 4	431 P	18.8
FILL: Gray, silty clay loam, trace roots (A-6)	200.59		3		
SILTY CLAY LOAM: Gray, trace roots (A-6)	200.05	-1.5	4 7	287 P	31.9
SILTY CLAY: Brown and gray (A-6)	198.53		2		
			4 4	59 B	29.4
CLAY LOAM: Brown, trace gravel (A-7)			1		
		-3.0	2 3	47 B	25.7
			2		
			4 6	221 B	14.2
Cobble encountered during drilling at approximately 4.7 meters below the ground surface.		-4.5	3 7 9	214 B	13.9
			4 6 9	268 B	13.9
Boring collapse measured at approximately 5.6 meters below the ground surface approximately 24 hours after drilling was completed.			7		
		-6.0	12	395	12.5
CLAY LOAM: Brown, trace gravel (A-7) (continued) Cobble encountered during drilling at approximately 6.2 meters below the ground surface.	192.58		20	B	
			5		
			8 12	434 B	12.3
			4		
		-7.5	8 13	438 B	12.5
			5		
			7 12	316 B	11.3
			3		
		-9.0	8 12	237 B	9.8
End of Boring		-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-02
Station 142+936.760
Offset 45.09m R
Ground Surface Elev. 200.75 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 198.2 m
Upon Completion 197.9 m
After - Hrs. Backfilled m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
FILL: Brown, clay loam, trace gravel (A-7)	199.84		3		
			4 5	328 B	15.1
FILL: Olive gray, gray, and brown, silty clay (A-6)	199.08		2		
		-1.5	2 3	52 B	36.2
SILTY CLAY LOAM: Brown (A-6)	197.55		1		
			2 2	43 B	25.6
			1		
		-3.0	3 4	95 B	24.9
CLAY LOAM: Brown, trace gravel (A-7)			2		
			2 5	264 B	14.1
			3		
		-4.5	5 9	257 B	14.7
			4		
			6 11	292 B	13.3
			4		
		-6.0	8	316	12.4
CLAY LOAM: Brown, trace gravel (A-7) (continued)	191.61		11	B	
			3		
			6 10	402 B	11.8
			3		
		-7.5	7 13	331 B	12.4
			3		
Cobble encountered during drilling at approximately 7.9 meters below the ground surface.			8 10	296 B	12.5
			4		
		-9.0	7 12	285 B	13.0
End of Boring		-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

6/20/2007 4:15:22 PM o:\projects\data3573\noisewalls\wall2\plans\3573nw_soilborings1.dgn