



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, 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	Surface Water Elev. _____ m	Stream Bed Elev. _____ m	Groundwater Elev.:	D E P T H	B L O W S	U C S	M O D E
BORING NO. <u>B-09</u> Station <u>143+156.295</u> Offset <u>42.82m R</u> Ground Surface Elev. <u>197.18</u> m											
		2							7	B	
		3	168	15.8					2		
		5	P						4	264	12.8
									7	B	
		4							2		
		6	328	13.7					4	182	13.6
		-1.5	10	B					7	B	
									2		
			7	387	12.9				5	194	13.4
			9	B					6	B	
			2						3		
			7	180	12.2				6	225	13.3
		-3.0	9	S					8	B	
									188.03		
		3									
		7	277	12.5							
		11	B								
		3									
		6	312	14.1							
	-4.5	8	B								
		2									
		4	264	12.7							
		7	B								
		2									
		5	253	13.2							
	-6.0										

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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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	Surface Water Elev. _____ m	Stream Bed Elev. _____ m	Groundwater Elev.:	D E P T H	B L O W S	U C S	M O D E
BORING NO. <u>B-10</u> Station <u>143+194.652</u> Offset <u>46.38m R</u> Ground Surface Elev. <u>196.18</u> m											
									10	B	
		2							3		
		3	194	21.8					5	245	12.9
		4	S						8	B	
									3		
		5	411	14.3					5	264	13.2
		-1.5	9	B					9	B	
			3						2		
			6	395	14.8				4	221	13.2
			11	B					6	B	
			4						3		
			9	474	13.5				3		
		-3.0	13	B					4	201	13.0
									187.04		
		3									
		8	493	13.5							
		14	B								
		3									
		8	395	14.6							
	-4.5	12	B								
		3									
		9	331	13.0							
		10	B								
		3									
		6	229	12.6							
	-6.0										

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)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 1-74		Peoria		26
SHEET NO. 26 45 SHEETS				
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		
		D4 1-74 Noise Wall 2008		
Contract # 68736				

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**benesch**

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205 North Michigan Avenue, Suite 2400  
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312.365-0450  
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