



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 6/16/03

ROUTE FAI 280 DESCRIPTION P92-045-02 1.0 m. E. of Mississippi River - IL 92 over I-280 LOGGED BY C. Jenkins

SECTION 81 HB LOCATION Blackhawk Twp. - 16 SW, SE, SEC., TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diederich Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-3
Station 501+65
Offset 1.00 ft Lt. Ctr. of Median
Ground Surface Elev. 568.0 ft

D	B	U	M	Surface Water Elev.	None	D	B	U	M
E	L	C	O	Stream Bed Elev.	None	E	L	C	O
P	O	S	I			P	O	S	I
T	W	S	T	Groundwater Elev.:		T	W	S	T
H	S	Qu	T	First Encounter	550.0	H	S	Qu	T
				Upon Completion	Wash				
				After	Hrs.				
	(ft)	(#6")	(tsf)	(%)		(ft)	(#6")	(tsf)	(%)
MEDIUM brown SANDY LOAM		0.6	13	STIFF tan SANDY LOAM		2			
		P				6	1.6	13	
						7			
	585.00								
VERY STIFF black SANDY LOAM		7		VERY STIFF gray/green CLAY		4			
		9	2.9	with SAND lenses		6	2.5	27	
	583.50	11	S			7			
MEDIUM black SANDY LOAM		2		MEDIUM gray SILTY LOAM with		3			
		3	0.8	ORGANICS		2	0.5	24	
	581.00	4	S			4			
				STIFF black SILTY LOAM		1			
MEDIUM black SANDY LOAM		2				3	1.4	16	
with SAND lenses		5	0.7			6			
	578.50	4	S						
				LOOSE tan fine grained SAND		2			
MEDIUM black SILTY LOAM with		2				3			
SAND lenses		5	0.5			4			
	575.50	6	S						
				Same as above		1			
LOOSE dirty gray/black SAND		2				2			
		2				2			
	573.50	4							
				MEDIUM tan medium to coarse		2			
MEDIUM gray fine to medium		2		grained SAND		5			
grained SAND		6				10			
	571.00	7							
				LOOSE tan coarse grained SAND		2			
MEDIUM tan medium grained		7				4			
SAND		6				5			
	568.50	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)



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 6/16/03

ROUTE FAI 280 DESCRIPTION P92-045-02 1.0 m. E. of Mississippi River - IL 92 over I-280 LOGGED BY C. Jenkins

SECTION 81 HB LOCATION Blackhawk Twp. - 16 SW, SE, SEC., TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diederich Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-3
Station 501+65
Offset 1.00 ft Lt. Ctr. of Median
Ground Surface Elev. 568.0 ft

D	B	U	M	Surface Water Elev.	None	D	B	U	M
E	L	C	O	Stream Bed Elev.	None	E	L	C	O
P	O	S	I			P	O	S	I
T	W	S	T	Groundwater Elev.:		T	W	S	T
H	S	Qu	T	First Encounter	550.0	H	S	Qu	T
				Upon Completion	Wash				
				After	Hrs.				
	(ft)	(#6")	(tsf)	(%)		(ft)	(#6")	(tsf)	(%)
LOOSE tan coarse grained SAND		1		Wash		5			
		2		MEDIUM tan coarse grained		8			
	546.00	5		SAND		11			
Begin Wash		7							
MEDIUM tan SANDY GRAVEL		9							
	543.50	12							
Wash		4		Wash		20			
Same as above		9		VERY DENSE tan coarse SAND		25			
	541.00	9		with LIMESTONE fragments		38			
				Wash		25			
	538.50			VERY DENSE tan well-cemented		100/11"			
				SANDY GRAVEL		PEN			
Wash		3		VERY DENSE tan well-cemented		47			
Same as above		4		SANDY GRAVEL		37			
	536.00	6				27			
				End of Boring					
	533.50								
MEDIUM tan SANDY GRAVEL		15							
		15							
	531.00	16							
	528.50								

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)

BORING LOGS

STRUCTURE NUMBERS 081-0188 (S.B.) & 081-0189 (N.B.)

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

© Copyright Hanson Professional Services Inc. 2010



JOB NO.
05R1532A

SHEET NO. 49

50 SHEETS

DATE
07/23/10

F.A.I.
RTE.
280

SECTION

81-1(HB)R

COUNTY

Rock Island

TOTAL
SHEETS

503

SHEET
NO.

182

CONTRACT NO. 64815

ILLINOIS FED. AID PROJECT