



Illinois Department
of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2

Date 6/5/03

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. 17N, R17E, 2W

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

STRUCT. NO. 081-0070, 71
Station 500+00
BORING NO. B-1
Station 499+63
Offset 73.00ft Rt. Cl. of Median
Ground Surface Elev. 564.7 ft

DEPTH (ft)	SOIL DESCRIPTION	WASH	QUANTITY (cu ft)	PERCENT (%)
0.5	MEDIUM brown SANDY LOAM	17		
3	STIFF red/brown SILTY CLAY	24		
3	STIFF pink/brown CLAY	31		
1	MEDIUM tan/brown SAND			
5	MEDIUM tan SAND			
1	LOOSE tan medium grained SAND			
2	Same as above			
6	MEDIUM tan medium grained SAND			

Surface Water Elev.	None	ft	D	B	U	M
Stream Bed Elev.	None	ft	E	L	C	O
Groundwater Elev.	551.7	ft	P	O	S	I
First Encounter	551.7	ft	T	W	S	T
Upon Completion	551.7	ft	H	S	Qu	T
After Hrs.		ft	(ft)	(lb)	(tsf)	(%)

5	Wash					
542.70	MEDIUM tan fine grained SAND					
3	MEDIUM tan fine grained SAND					
540.20						
2	Wash					
537.70	Same as above					
4	MEDIUM tan SAND & GRAVEL					
535.20						
2	Wash					
532.70	MEDIUM tan coarse grained SAND					
530.20						
5	Wash					
527.70	MEDIUM tan SANDY GRAVEL					
525.20						

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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Station 499+63
Offset 73.00ft Rt. Cl. of Median
Ground Surface Elev. 564.7 ft

DEPTH (ft)	SOIL DESCRIPTION	WASH	QUANTITY (cu ft)	PERCENT (%)
700/8	Wash VERY DENSE tan SANDY GRAVEL			

Surface Water Elev.	None	ft	D	B	U	M
Stream Bed Elev.	None	ft	E	L	C	O
Groundwater Elev.	551.7	ft	P	O	S	I
First Encounter	551.7	ft	T	W	S	T
Upon Completion	551.7	ft	H	S	Qu	T
After Hrs.		ft	(ft)	(lb)	(tsf)	(%)

700/8	Wash					
522.70	VERY DENSE tan SANDY GRAVEL					

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.)

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JOB NO.
05R1532A

SHEET NO. 47

50 SHEETS

DATE
07/23/10

F.A.I.
RTE.
280

SECTION
81-1(HB)R

COUNTY
Rock Island

TOTAL
SHEETS
503

SHEET
NO.
180

CONTRACT NO. 64815

ILLINOIS FED. AID PROJECT