Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 6/23/03

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. - 18 SW, SE, SEC., TWP. 17N, RNG. 2W

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

STRUCT. NO.
Station

BORING NO. B-4
Station 498+30
Offset 3.00ft Lt Ctr of Median
Ground Surface Elev. * 99.0 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter 61.0 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown SANDY LOAM	99.00		3 5 7	1.5 P	7
STIFF black SILTY LOAM with SAND lenses	96.00		3 7 10	1.8 S	13
MEDIUM black SILTY LOAM with SAND lenses	94.50	-5	2 2 5	0.7 S	16
VERY STIFF black SILTY CLAY with SAND lenses	92.00		4 5 6	2.1 S	17
MEDIUM tan fine grained SAND	89.00	-10	2 4 7		
MEDIUM tan fine grained dirty SAND	87.00		2 3 9		
STIFF black SANDY LOAM	84.00	-15	5 11 11	1.6 S	11
VERY STIFF brown SANDY LOAM	82.00		8 10 10	2.5 S	11
	79.50	-20			
VERY STIFF brown SANDY LOAM with SAND lenses	77.00		8 12 6	2.5 S	13
VERY STIFF gray SILTY LOAM	74.50	-25	6 9 12	2.5 S	12
VERY STIFF gray/black SILTY CLAY with SAND Lenses	71.50		6 8 13	3.7 B	18
LOOSE brown fine dirty SAND	69.00	-30	1 1 4		
STIFF pink CLAY	66.50		1 3 5	2.0 B	44
MEDIUM tan fine grained SAND	64.50	-35	0 8 11		
MEDIUM tan fine SAND	62.00		4 7 10		
MEDIUM tan medium grained SAND with some GRAVEL	59.50	-40	2 4 8		

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)

* Elevation 99.0 on Soil Boring Log for Boring B-4 corresponds to Elevation 586.8 in the field.

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Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter 61.0 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan medium grained SAND	57.00		3 5 9		
Begin Wash MEDIUM tan SANDY GRAVEL	54.50	-45	7 13 17		
MEDIUM tan SANDY GRAVEL	52.00		5 6 6		
	49.50	-50			
MEDIUM tan SANDY GRAVEL	47.00		6 9 12		
	44.50	-55			
Wash DENSE tan SANDY GRAVEL	42.00		7 14 18		
	39.50	-60			
Wash VERY DENSE tan SANDY GRAVEL with LIMESTONE fragments	37.00		18 00/10" PEN		
Wash VERY DENSE tan/gray dirty SAND & GRAVEL	34.50	-65	38 52 00/11" PEN		
Wash VERY DENSE tan SANDY GRAVEL	32.00		38 00/11 1/2" PEN		
End of Boring		-70			
		-75			
		-80			

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BBS, from 137 (Rev. 8-99)

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

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JOB NO.	SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05R1532A	50 SHEETS	280	81-1(HB)R	Rock Island	503	183
DATE 07/23/10				CONTRACT NO. 64815		
			ILLINOIS FED. AID PROJECT			

LAYOUT	JRB/FLN	06/09/10
DRAWN	WDM/JDM	07/21/10
REVIEWED	JRB/FLN	07/21/10

07/22/2010
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