Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 6/12/05

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-2
Station 500+35
Offset 68.00ft Lt CL
Ground Surface Elev. 585.4 ft

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

Groundwater Elev.:
First Encounter 547.9 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SANDY LOAM	562.90			0.8 P	11
VERY STIFF brown SILTY CLAY with SAND lenses	560.90		5 5 6	2.3 B	17
LOOSE brown fine SAND	558.90	-5	3 4 5		
VERY LOOSE brown fine SAND	555.90		0 1 1		
VERY STIFF brown SILTY CLAY with SAND lenses	553.40	-10	1 3 5	2.5 B	25
MEDIUM brown coarse grained SAND	551.40		4 8 5		
Same as above	548.90	-15	4 8 9		
LOOSE brown fine grained SAND	546.40	-20	4 5 1		
Wash MEDIUM tan/brown coarse grained SAND	543.90		7 6 6		
LOOSE tan/brown coarse grained SAND	541.40		2 2 5		
Same as above	538.90	-25	2 4 5		
	536.40				
Wash MEDIUM tan coarse grained SAND	533.90	-30	4 4 12		
	531.40				
Wash Medium	528.90	-35	5 7 12		
	526.40	-40			

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 6/12/05

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 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-2
Station 500+35
Offset 68.00ft Lt CL
Ground Surface Elev. 585.4 ft

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

Groundwater Elev.:
First Encounter 547.9 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash VERY DENSE brown SANDY GRAVEL with LIMESTONE fragments	523.90		28 40 60		
Wash Same as above	521.40		35 39 38		
Wash Same as above	518.90	-45	42 52 26		
End of Boring		-50			
		-55			
		-60			

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

HANSON
Hanson Professional Services Inc.

JOB NO. 05R1532A
DATE 07/23/10
SHEET NO. 48
50 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
280	81-1(HB)R	Rock Island	503	181
		CONTRACT NO. 64815		
		ILLINOIS FED. AID PROJECT		

LAYOUT	JKD/FLN	04/05/10
DRAWN	KGM/JDM	07/21/10
REVIEWED	JKD/FLN	07/21/10

07/23/2010
c:\pwidgs_work\kda_nd_ildot\dms15595\D0589-64815-048-Boring_2.dgn