

SOIL BORINGS

6S084S029R11.41



SOIL BORING LOG

Date 5-29-2012

ROUTE I-55/IL 29 DESCRIPTION Overhead Sign Structure LOGGED BY BJS
 SECTION D8 Overhead Sign Replace LOCATION East of Exit 08 (I-55) on IL 29 N.B. (South Leg of Sign)
 COUNTY Sangamon STRUCTURE NO. 6S084S029R11.41 (Exist) X (Prop.)

BORING NO. 6S084S029R11.41 S DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic
 Station Sta. 50+93.9 Surface Water Elev. n/a (ft)
 Offset 4.7 ft Groundwater Elev. Dry (ft)
 Ground Surface Elev. 568.81 (ft) Upon Completion Dry (ft)
 After 42 Hrs. 7 (ft)

SOIL DESCRIPTION	(ft)	(ft)	(ft)	(ft)	(ft)	SOIL DESCRIPTION	(ft)	(ft)	(ft)	(ft)	(ft)
Topsol (0'±)	868.11						14				
Yellow Brown, Moist, Clay, Sandy, Silty						Mottled Yellow Brown/Light Brown, Silty, with Seams of Clay Loam	11				
							18				14.5
							10	20			
Yellow Brown, Moist, Clay Loam, Sandy, Silty, Trace Gravel, (Glacial Till)	569.17	4	4			Gray, Dry, Silty (Weathered Silstone Residuum)	5				
		13	4.5+ P	8.8			18	25			14.7
		18					60				
Sandy, Silty, Trace Gravel		6									
		8									
		13	4.5+ P	9.2							
		19				Gray, Dry, Weathered Shale, Silty	20	20			
							100/6				8.8
Yellow Brown mottled Light Brown, Dry, Loam, Sandy, Silty, Trace Gravel	568.81	11									
		8	24	4.5+ P	8.8						
		25					22				
							34				
							100/6				9.0
Grayish Brown mottled Yellow Brown, Sandy, Silty		10	5								
		11	8.30 B	12.5		End of Boring @ 23 1/2 FL	24				
		17									
Gray mottled Brown, Dry, Sandy Clay Loam, Silty with Seams of Clay Loam, Sandy, Silty	564.81	12									
		5					26				
		10	4.5+ P	12.0							
		16									

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer).
 The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (6/09)



SOIL BORING LOG

Date 5-30-2012

ROUTE I-55/IL 29 DESCRIPTION Overhead Sign Structure LOGGED BY BJS
 SECTION D8 Overhead Sign Replace LOCATION East of Exit 08 (I-55) on IL 29 N.E. (North Leg of Sign)
 COUNTY Sangamon STRUCTURE NO. 6S084S029R11.41 (Exist) X (Prop.)

BORING NO. 6S084S029R11.41 N DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic
 Station Sta. 50+86.3 Surface Water Elev. n/a (ft)
 Offset 65.8 ft Groundwater Elev. Dry (ft)
 Ground Surface Elev. 568.31 (ft) Upon Completion Dry (ft)
 After 24 Hrs. 17 (ft)

SOIL DESCRIPTION	(ft)	(ft)	(ft)	(ft)	(ft)	SOIL DESCRIPTION	(ft)	(ft)	(ft)	(ft)	(ft)
Asphalt (11')							14				
Yellow Brown, Moist, Clay, Silty, with Sand	567.99					Gray mottled Brown/Yellow Brown, Dry, Sandy Loam, Silty, Trace Gravel with Seams of Loam	11				
							18				11.7
							16	27			
Yellow Brown mottled Light Gray, Moist, Clay Loam, Silty, Sandy, (Glacial Till)	564.81	4	2			Mottled Light Gray/Light Brown, Silty, with Gravel	8				
		3	0.91 B	17.2			18	14			12.7
		2					18				
Yellow Brown, Moist, Sandy Clay Loam, Silty	563.31	2				Gray, Dry, Silty (Weathered Silstone Residuum)	18				
		6	3	16.4							
		4				Gray, Dry, Weathered Shale, Silty	20	15			
							85				8.8
							100/4				
Yellow Brown mottled Gray/Light Brown, Dry, Loam, Sandy, Silty	561.31	8	11	6.03 S	11.8		22				
		20				Silty					
							23				
							83				8.1
							100/5				
Mottled Gray/Brown, Sandy, Silty		10	8				24				
		16	4.5+ P	12.3							
		24				Silty					
							82				10.3
							100				
Gray mottled Yellow Brown/Brown, Sandy, Silty		6					26	100			
		14				End of Boring @ 28 FL					
		24									

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer).
 The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (6/09)

FILE NAME * 6S084S029R11.41	USER NAME * mccagd	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLotted Scale * 0.1000 ft / in.	Checked ---	Revised ---	Revised ---		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	MAB	D-6_OVD5INSIGREEL12-23	VARIOUS	30	32
Plot Date * Aug-07-2012 03:21:47PM	Date ---	Revised ---	Revised ---							CONTRACT NO. 46226		
ILLINOIS FED. AID PROJECT												