



SOIL BORING LOG

Date 9/9/13

ROUTE IL 5 (John Deere Road) DESCRIPTION 126 C60-026-14 Sign Truss @ Ramp to IL 84, .3 mi. S. of IL 84 LOGGED BY W. Garza

SECTION 5 SG LOCATION Hampton Twp. - 32SE, SEC. , TWP. 18N, RNG. 1E

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 126
 Station 372+00

BORING NO. B-1
 Station 372+21
 Offset 48.00ft Rt CL
 Ground Surface Elev. 675.2 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
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DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	Soil Description	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
Shoulder Rock				SOFT gray SILT (continued)	654.20	2 4	0.4 B	25
HARD light gray SILTY LOAM	5 7 11	4.5+ P	17	SOFT gray SILT	651.70	1 3 4	0.3 P	28
VERY STIFF tan SILT	8 8 7	2.5 P	18	MEDIUM gray SILTY CLAY	649.20	0 1 3	0.7 B	27
SOFT tan SILT	1 1 4	0.4 B	24	STIFF gray SILTY CLAY	646.70	0 3 4	1.1 B	25
SOFT tan SILTY LOAM	0 0 1	0.3 B	27	VERY STIFF gray CLAY LOAM	644.20	3 5 8	3.1 B	24
SOFT gray SILT	2 3 4	0.5 B	27	VERY SOFT gray SANDY LOAM	641.20	2 2 5	0.2 P	19
VERY SOFT gray SILT	1 3 4	0.2 B	27	VERY STIFF light gray SANDY LOAM TILL	639.20	7 10 12	3.3 P	12
VERY SOFT gray SILT	1 2 4	0.2 B	29	End of Boring				
SOFT gray SILT	1							

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)



SOIL BORING LOG

Date 9/11/13

ROUTE IL 5 (John Deere Road) DESCRIPTION 126 C60-026-14 Sign Truss @ Ramp to IL 84, .3 mi. S. of IL 84 LOGGED BY W. Garza

SECTION 5 SG LOCATION Hampton Twp. - 32SE, SEC. , TWP. 18N, RNG. 1E

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 126
 Station 372+00

BORING NO. B-2
 Station 372+16
 Offset 7.00ft Rt CL
 Ground Surface Elev. 677.1 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	Surface Water Elev. ft	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
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DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	Soil Description	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
Asphalt 1.8", Concrete 8"				SOFT gray SILT (continued)	656.10	3 4	0.3 B	29
VERY STIFF gray SILTY LOAM	5 6 6	3.8 P	19	VERY SOFT gray SILT	653.60	1 2 4	0.2 B	27
STIFF light gray SILTY LOAM	12 11 10	1.1 P	24	MEDIUM gray SILT	651.10	1 2 4	0.5 B	32
MEDIUM light gray SILT	1 2 4	0.8 B	25	MEDIUM gray SILTY CLAY	648.60	0 2 3	0.6 B	27
SOFT tan SILTY LOAM	2 3 5	0.4 B	25	MEDIUM gray SILTY CLAY	645.60	2 3 4	0.9 B	25
VERY SOFT light gray SILT	0 1 2	0.2 B	26	VERY STIFF dark gray CLAY LOAM TILL	643.10	5 8 9	3.1 B	24
SOFT gray SILT	1 4 5	0.4 B	27	SOFT gray LOAM	641.10	3 3 5	0.4 B	19
MEDIUM gray SILT	1 3 5	0.5 B	24	End of Boring				
SOFT gray SILT	1							

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)



USER NAME =	DESIGNED - JMG	REVISED -
PLOT SCALE =	CHECKED - JJS	REVISED -
PLOT DATE = 3/12/2014	DRAWN - AI	REVISED -
	CHECKED - MAI	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
BORING LOG IV

Sheet No. 4 of 5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		ROCK ISLAND	45	44
D-2 OVD SIN STR REPL 14-26		CONTRACT NO. 46287		
ILLINOIS FED. AID PROJECT				