FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
*	**	ST. CLAIR	8	8
STA.		TO STA.		

CONTRACT NO.: 76889

* VARIOUS
** DIST 8 DEEP WELLS 2005-2

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3

Date 10/25/04

ROUTE FAP 788 DESCRIPTION Missouri Avenue – Well Boring LOGGED BY Ford /Schreader

SECTION 520-1,2 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____
BORING NO. WB-11
Station 5' East of Curb
Offset _____
Ground Surface Elev. ft 100.0 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encountter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLES			
-5			
-10			
-15			
-20			
-25			
-30			
68.0 Brown Fine to Medium SAND See Gradation @ 35 feet -35	5 9 22	NC	4
80.5 Brown Fine to Coarse SAND -40	5		

NO SAMPLES (continued)

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
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/25/04

ROUTE FAP 788 DESCRIPTION Missouri Avenue – Well Boring LOGGED BY Ford /Schreader

SECTION 520-1,2 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____
BORING NO. WB-11
Station 5' East of Curb
Offset _____
Ground Surface Elev. ft 100.0 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encountter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Fine to Coarse SAND (continued) See Gradation @ 45 feet ▼	9 12	NC	17
-45			
Start Rotary Mud			
51.5			
Brown Fine to Coarse SAND See Gradation @ 65 feet -50	15 20 25	NC	24
-55	12 16 23	NC	21
-60	16 18 17	NC	22
-65	18 22 34	NC	24
-70	7 12 24	NC	19
26.5 Brown Medium to Coarse SAND with some Gravel See Gradation @ 75 feet -75	23 20 22	NC	16
21.5 Brown Fine SAND See Gradation @ 85 feet -80	9 42 50	NC	27

Brown Fine to Coarse SAND (continued)

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
Illinois Department of Transportation

SOIL BORING LOG

Page 3 of 3

Date 10/25/04

ROUTE FAP 788 DESCRIPTION Missouri Avenue – Well Boring LOGGED BY Ford /Schreader

SECTION 520-1,2 LOCATION , SEC. , TWP. , RNG. , PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station _____
BORING NO. WB-11
Station 5' East of Curb
Offset _____
Ground Surface Elev. ft 100.0 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encountter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Fine SAND See Gradation @ 95 feet (continued)			
-3.5	24		
Gray Fine to Medium SAND See Gradation @ 105 feet -5.0 -105	44 50	NC	21
End of Boring			
11.5			
Brown Medium to Coarse SAND with some Gravel See Gradation @ 95 feet -90	48 39 32	NC	19
some Cobbles			
-95	21 18 18	NC	14
-100	7 19 20	NC	15
-110			
-115			
-120			

Brown Medium to Coarse SAND with some Gravel See Gradation @ 95 feet (continued)

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

SOIL BORING LOGS

VARIOUS ROUTES
SECTION DIST 8 DEEP WELLS 2005-2
ST. CLAIR COUNTY

PLOT DATE: 3/31/2005

$$DATE$$
3/31/2005
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*REF-
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