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

SOIL BORING LOG

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

Page 1 of 3

Date 102504

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 Encounter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Description
				NO SAMPLES
-5				
-10				
-15				
-20				
-25				NO SAMPLES (continued)
-30				
-35	5 / 9	22 NC	4	Brown Fine to Medium SAND, See Gradation @ 35 feet (66.0)
-40	5			Brown Fine to Coarse SAND (60.5)

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

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

Page 2 of 3

Date 102504

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 Encounter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Description
	9 / 12	NC	17	Brown Fine to Coarse SAND (continued), See Gradation @ 45 feet
-45				Start Rotary Mud
(51.5)	15			
-50	20 / 25	NC	24	Brown Fine to Coarse SAND, See Gradation @ 65 feet
-55	12 / 16 / 23	NC	21	
-60	16 / 18 / 17	NC	22	
-65	18 / 22 / 34	NC	24	Brown Fine to Coarse SAND, See Gradation @ 65 feet (continued) (26.5)
-70	7 / 12 / 24	NC	19	
-75	23 / 20 / 22	NC	16	Brown Medium to Coarse SAND with some Gravel, See Gradation @ 75 feet (21.6)
-80	9 / 42 / 50	NC	27	Brown Fine SAND, See Gradation @ 85 feet

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

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

Page 3 of 3

Date 102504

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 Encounter 59.5 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Description
				Brown Fine SAND, See Gradation @ 85 feet (continued)
	39			
-85	505* / –	NC	26	
(11.5)	48			
-90	39 / 32	NC	19	Brown Medium to Coarse SAND with some Gravel, See Gradation @ 95 feet; some Cobbles
-95	21 / 18 / 18	NC	14	
-100	7 / 19 / 20	NC	16	
-105	24 / 44 / 50	NC	21	Brown Medium to Coarse SAND with some Gravel, See Gradation @ 95 feet (continued) (-3.5); Gray Fine to Medium SAND, See Gradation @ 105 feet (-5.0)
-110				End of Boring
-115				
-120				

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
$$CHECKED$$
$$REF-01$$
$$REF-$$
$$REF-$$