STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2247	13X-BR-1	BUREAU	51	31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 19
19 SHEETS

Contract #64938

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 3/1/04

ROUTE FAS 2247 DESCRIPTION P92-089-03 US 6 Bridge over Brush Creek, .1 m. W. of DePue Spur LOGGED BY W. Garza

SECTION 13X - BR-1 LOCATION Selby Twp. - 15 SE, 22 NE, SEC. , TWP. 16N, RNG. 10E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 006-0169 (Prop)
Station 1510+61

BORING NO. B-3
Station 1511+63
Offset 9.00ft Lt of CL
Ground Surface Elev. 631.1 ft

Surface Water Elev. 620.7 ft
Stream Bed Elev. 619.7 ft

Groundwater Elev.:
First Encounter 618.1 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
			8	6" Asphalt, 11" Concrete brown SANDY LOAM
628.60				
	17 8 9	1.0 P	10	MEDIUM gray LOAM
627.10				
-5				
	3 3 3	0.8 P	26	MEDIUM dark gray SILTY LOAM
624.60				
	2 2 3	0.6 S	18	MEDIUM brown SANDY LOAM
621.60				
-10				
	3 5 6			MEDIUM gray dirty SAND & GRAVEL
619.60				
	1 4 3			LOOSE tan dirty SAND
617.10				
-15				
	1 4 3			LOOSE gray SAND
614.60				
	7 7 13			Wash MEDIUM gray SAND & GRAVEL
612.10				
-20				
	9 9 8			MEDIUM gray SAND & GRAVEL
609.60				
	7 7 7			MEDIUM gray medium clean coarse GRAVEL
607.10				
-25				
	7 8 9			Wash MEDIUM gray medium clean coarse GRAVEL
604.10				
	4 5 9	1.7 B	20	Wash STIFF gray CLAY TILL
602.10				
-30				
	1 3 4	1.7 B	21	STIFF gray CLAY TILL with SAND lens
599.60				
	1 3 4	1.6 B	22	STIFF gray CLAY TILL
597.10				
-35				
	2 5 7	1.7 B	21	STIFF gray CLAY TILL
594.60				
	8 11 21	7.2 B	16	Wash HARD gray CLAY TILL
591.60				
-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)

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IDOT

SOIL BORING LOG

Page 2 of 2

Date 3/1/04

ROUTE FAS 2247 DESCRIPTION P92-089-03 US 6 Bridge over Brush Creek, .1 m. W. of DePue Spur LOGGED BY W. Garza

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STRUCT. NO. 006-0169 (Prop)
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BORING NO. B-3
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Stream Bed Elev. 619.7 ft

Groundwater Elev.:
First Encounter 618.1 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
	16 16 13			MEDIUM gray medium SAND
589.60				
	6 8 13			Wash MEDIUM gray medium clean SAND
587.10				
-45				
	10 18 25			Wash DENSE gray SAND, bottom 3" CLAY TILL
584.10				
	21 31 44	6.0 S	7	HARD gray CLAY TILL with GRAVEL
582.10				
-50				
	18 30 45	3.9 S	7	VERY STIFF gray CLAY TILL with GRAVEL
579.60				
	29 100/10" PEN			VERY DENSE gray CLAY TILL with GRAVEL
577.10				
-55				End of Boring
-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)

SOIL BORINGS
FAS ROUTE 2247 (U.S. 6)
OVER BRUSH CREEK
SECTION 13X-BR-1
BUREAU COUNTY
STA. 1510+65.80
SN 006-0169