STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 553	125 VBR-1	DEKALB	55	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 19
20 SHEETS

Contract #64858

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 2/13/03

ROUTE FAP 553 DESCRIPTION P92-010-03 1.5 m. W. of Kirkland, IL 72 over IC&E RR LOGGED BY C. Jenkins

SECTION 125-VBR-1 LOCATION Franklin Twp. - 21SE, SEC. , TWP. 42N, RNG. 3E

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

STRUCT. NO. 019-0029
Station 144+14

BORING NO. B-3
Station 144+41
Offset 37.00ft Rt CL
Ground Surface Elev. 764.5 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter 722.0 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF brown SILTY CLAY TILL	3 7 9	2.3 B	14
722.50			
MEDIUM tan SAND & GRAVEL	5 14 16		
720.50			
-45			
MEDIUM gray SAND & GRAVEL	5 9 10		
718.00			
715.50			
-50			
Begin Wash DENSE tan SAND & GRAVEL	13 16 19		
713.00			
710.50			
-55			
DENSE tan coarse grained SAND	5 13 21		
708.00			
705.50			
-60			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash VERY DENSE tan medium grained well-cemented SAND	9 31 44		
703.00			
End of Boring			
-65			
-70			
-75			
-80			

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
IDOT

SOIL BORING LOG

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Date 2/18/03

ROUTE FAP 553 DESCRIPTION P92-010-03 1.5 m. W. of Kirkland, IL 72 over IC&E RR LOGGED BY C. Jenkins

SECTION 125-VBR-1 LOCATION Franklin Twp. - 21SE, SEC. , TWP. 42N, RNG. 3E

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

STRUCT. NO. 019-0029
Station 144+14

BORING NO. B-4
Station 145+34
Offset 9.00ft Lt CL
Ground Surface Elev. 788.7 ft

Surface Water Elev. None ft
Stream Bed Elev. None ft

Groundwater Elev.:
First Encounter 728.2 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Concrete Road Rock STIFF gray/black SILTY LOAM with GRAVEL		1.2 P	18
785.70			
STIFF green/black SILTY CLAY TILL	7 8 9	1.9 B	22
784.20			
-5			
STIFF black SILTY LOAM TILL	2 4 4	1.1 B	24
781.20			
LOOSE dirty brown SAND & GRAVEL	3 3 3		
778.70			
-10			
STIFF gray/tan SILTY LOAM TILL	2 2 3	1.1 P	21
776.70			
STIFF tan/gray SANDY LOAM TILL	2 3 5	1.1 S	20
774.20			
-15			
STIFF gray/black SILTY CLAY TILL	2 3 4	1.4 B	28
771.70			
STIFF gray/green SILTY CLAY	3 2 4	1.3 B	31
769.20			
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF black SILTY LOAM	4 5 5	1.8 P	26
766.70			
VERY STIFF gray SILTY CLAY TILL	3 4 5	3.7 S	23
764.20			
-25			
STIFF gray/black SILTY CLAY with ORGANICS	2 3 4	1.1 B	31
761.70			
STIFF black SILTY LOAM	2 5 6	1.5 P	32
759.20			
-30			
VERY STIFF gray/green SILTY LOAM with small petroleum odor	2 3 4	2.1 S	26
756.20			
MEDIUM dirty gray SAND & GRAVEL	3 6 8		
754.20			
-35			
MEDIUM gray SAND & GRAVEL	5 11 7		
751.20			
SOFT tan SANDY SILT	1 3 4	0.3 B	15
749.20			
-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)

SOIL BORINGS
IL RTE 72 OVER
IOWA CHICAGO & EASTERN RAILROAD
FAP ROUTE 553
SECTION 125VBR-1
DEKALB COUNTY
STA. 144+14.40
SN 019-0047