STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 553	125 VBR-1	DEKALB	55	35
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 20
20 SHEETS

Contract #64858

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 3

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM gray SANDY LOAM TILL	746.70		2 3 4	0.6 B	13
STIFF gray SANDY CLAY TILL	744.20	-45	2 4 6	1.9 B	12
STIFF gray SANDY CLAY TILL	741.70		4 6 8	1.1 S	11
STIFF gray SILTY CLAY TILL	739.20	-50	1 4 7	1.9 S	12
Same as above	736.70		3 6 8	1.5 S	12
VERY STIFF gray SILTY CLAY TILL	734.20	-55	3 6 8	2.1 B	12
Same as above	731.70		5 7 11	2.1 B	12
VERY STIFF gray SILTY CLAY TILL with a SAND lens	729.20	-60	5 10 14	2.9 B	11
VERY STIFF gray SILT	726.70	▼	26 34 37	2.4 S	14
HARD gray SILTY CLAY TILL	724.20	-65	8 15 21	6.6 S	11
HARD gray SILTY CLAY TILL with a SAND & GRAVEL lens	721.20		5 13 20	6.1 S	11
Begin Wash DENSE gray well-cemented SAND & GRAVEL	719.20	-70	31 20 18		
MEDIUM gray SAND & GRAVEL	716.70		9 12 10		
	714.20	-75			
Same as above	711.70		8 8 11		
	709.20	-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)

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Surface Water Elev. None ft
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Groundwater Elev.:
First Encounter 728.2 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DENSE gray fine to medium grained SAND	706.70		9 13 20		
	704.20	-85			
VERY DENSE tan well-cemented fine to medium grained SAND	701.70		31 34 40		
End of Boring		-90			
		-95			
		-100			

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