


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAP 553	SECTION 125 VBR-1	COUNTY DEKALB	TOTAL SHEETS 55	SHEET NO. 33	SHEET NO. 18 20 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract #64858



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 2/10/03

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 Diodrich Automatic

STRUCT. NO. 019-0029 Station 144+14

BORING NO. B-2 Station 143+93 Offset 42.00R Lt CL Ground Surface Elev. 767.4 ft


Description	Elev. (ft)	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.	D (ft)	B (/6")	U (tsf)	M (%)	
																	None
Same as above (continued)	726.90	10	2.9	12													
VERY STIFF brown SILTY CLAY TILL	724.40	6	9	2.3	12												
Same as above	721.90	5	8	2.7	12												
Same as above	718.90	6	8	2.9	12												
LOOSE tan SAND & GRAVEL with LIMESTONE fragments	716.90	1	1														
MEDIUM tan SAND & GRAVEL	714.40	9	12														
Same as above	711.90	13	12														
Begin Wash	708.40	9															
VERY DENSE tan medium	706.90	31															

Wash: VERY DENSE tan well-cemented fine grained SAND

End of Boring

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
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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 Diodrich Automatic

STRUCT. NO. 019-0029 Station 144+14

BORING NO. B-3 Station 144+14 Offset 37.00R Rt CL Ground Surface Elev. 764.5 ft

Description	Elev. (ft)	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)	Hrs.	D (ft)	B (/6")	U (tsf)	M (%)	
																	None
VERY STIFF brown SILTY LOAM with GRAVEL	743.00	2.4	21														
VERY STIFF brown SANDY CLAY TILL	740.50	3	6	2.7	21												
STIFF brown SILTY LOAM	738.00	4	4	1.2	11												
STIFF brown/pink SANDY LOAM TILL	735.50	2	4	1.0	12												
VERY STIFF brown/pink SANDY LOAM TILL	733.00	4	4	2.3	12												
VERY STIFF tan SILTY CLAY TILL	730.50	4	5	2.7	12												
VERY STIFF brown SILTY CLAY TILL	728.00	6	7	3.5	12												
Same as above	725.50	4	5	2.9	11												

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