


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 3

Date 1/21/03

ROUTE FAP 553 DESCRIPTION P92-010-03 1.5 m. W. of Kirkland, IL 72 over the 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-1 Station 142+96 Offset 10.00ft R1 CL Ground Surface Elev. 788.6 ft

Description	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev. None ft	Stream Bed Elev. None ft	Groundwater Elev.: First Encounter <u>740.6</u> ft Upon Completion <u>Wash</u> ft After <u>408</u> Hrs. <u>746.6</u> ft	D (ft)	B (/6")	U (tsf)	M (%)
Asphalt Concrete											
MEDIUM brown SILTY LOAM with GRAVEL			1.2	13							
			P								
MEDIUM brown SANDY LOAM with GRAVEL	785.60	5	0.8	16							
	784.10	5	S								
VERY STIFF brown/gray SILTY CLAY with SAND lens		4	3.3	16							
		4	S								
	781.10	7									
LOOSE brown dirty SAND with GRAVEL		3									
		3									
		2									
	778.60	-10									
VERY STIFF brown/black SILTY CLAY with GRAVEL		3	2.5	18							
		3	S								
	776.60	6									
VERY STIFF brown SILTY CLAY		3	3.3	20							
		6	B								
	774.10	8									
STIFF brown/black SILTY CLAY		3	1.6	25							
		5	B								
	771.60	6									
VERY STIFF black SILTY LOAM		3	2.2	23							
		5	P								
	769.10	7									

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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VERY STIFF brown SILTY LOAM TILL		5									
		6	2.1	11							
	746.60	10	S								
VERY STIFF gray SILTY LOAM TILL		3									
		6	2.6	11							
	744.10	9	S								
VERY STIFF Mauve SILTY LOAM TILL		6									
		8	2.4	11							
	741.60	10	S								
VERY STIFF mauve SILTY LOAM TILL with a SAND lens		5									
		7	2.3	11							
	739.10	9	B								
VERY STIFF Mauve SILTY LOAM TILL		3									
		5	2.7	11							
	736.60	8	B								
HARD mauve SILTY LOAM TILL		3									
		6	4.5	10							
	734.10	11	B								
VERY STIFF brown SILTY LOAM TILL		5									
		8	3.5	11							
	731.60	11	B								
VERY STIFF brown SILTY CLAY TILL		4									
		8	2.9	11							
	729.10	11	B								

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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