STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 553	125 VBR-1	DEKALB	55	32
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 17
20 SHEETS

Contract #64858

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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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 Rt CL
Ground Surface Elev. 788.6 ft

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

Groundwater Elev.:
First Encounter 740.6 ft
Upon Completion Wash ft
After 408 Hrs. 746.6 ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DENSE tan fine well-cemented SAND with some GRAVEL		17		
		24		
	706.60	26		
	704.10			
	-85			
VERY DENSE tan fine well-cemented SAND with a CLAY lens		15		
		23		
	701.60	45		
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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

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 Diedrich Automatic

STRUCT. NO. 019-0029
Station 144+14

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

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

Groundwater Elev.:
First Encounter 718.4 ft
Upon Completion Wash ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM black SILTY LOAM with GRAVEL			0.9	17
	765.90		P	
VERY STIFF brown SILTY LOAM		8		
		6	2.1	19
	764.40	7	P	
VERY STIFF brown SILTY CLAY with GRAVEL		4		
	-5	6	2.9	19
	761.90	6	S	
STIFF brown SILTY LOAM TILL		3		
		4	1.6	10
	759.40	5	S	
STIFF brown SILTY LOAM with SAND lenses		3		
	-10	4	1.1	15
	756.90	12	B	
STIFF brown/pink SILTY CLAY with a SAND lens		2		
		3	1.6	21
	754.40	5	B	
STIFF brown/pink SILTY CLAY TILL		3		
	-15	3	2.0	14
	751.90	6	B	
STIFF brown/pink SILTY CLAY TILL with a SAND lens		4		
		4	1.7	12
	749.40	6	B	
STIFF gray SILTY CLAY TILL		3		
	-20	4		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF gray SILTY CLAY TILL (continued)	746.90	7	1.1	12
			B	
STIFF gray SILTY CLAY TILL		6		
		8	1.3	12
	744.40	9	B	
STIFF gray SILTY CLAY TILL		3		
	-25	4	1.4	12
	741.90	7	S	
Same as above		3		
		6	1.7	11
	739.40	7	S	
Same as above		9		
	-30	8	1.8	12
	736.90	12	S	
Same as above		3		
		6	1.8	12
	734.40	10	S	
Same as above		3		
	-35	6	2.0	11
	731.90	8	S	
VERY STIFF gray/brown SILTY CLAY TILL		5		
		7	2.9	12
	729.40	10	B	
Same as above		3		
	-40	8		

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