STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING B-1

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 9/4/73

ROUTE FA 24 (IL 23) DESCRIPTION IL 23 over Short Point Creek LOGGED BY W. Beck

SECTION 102 B-1 LOCATION SE 1/4, SE 1/4, SEC. 8, TWP. 29N, RNG. 4E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0161
Station 625+82

BORING NO. 1 (S. Abut.)
Station 626+50
Offset 15.00ft Rt.
Ground Surface Elev. 590.80 ft

Surface Water Elev. 582.50 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 570.8 ft
After 24 Hrs. 581.8 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff, Dark Brown, Silty Clay			
	2		
	2	2.8	18.0
586.80	3	P	
Medium, Yellow/Brown, Clay Loam to Silty Clay Loam			
-5	4		
	6	0.3	20.0
	5	S	
582.80	5	0.8	18.0
Dense, Light Gray, Shale	31	S	
▽	61		10.0
-10	100/		
	8"		9.0
	100/		
	8"		
-15	100/		
	10"		
570.80▽-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Coal and Underclay	15		
	20		12.0
569.30	32		
End of Boring			
-25			
-30			
-35			
-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 BORING B-2

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 9/4/73

ROUTE FA 24 (IL 23) DESCRIPTION IL 23 over Short Point Creek LOGGED BY W. Beck

SECTION 102 B-1 LOCATION SE 1/4, SE 1/4, SEC. 8, TWP. 29N, RNG. 4E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0161
Station 625+82

BORING NO. 2
Station 626+21
Offset 4.00ft Lt.
Ground Surface Elev. 589.70 ft

Surface Water Elev. 582.50 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 579.7 ft
After 24 Hrs. 581.7 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff, Light Brown, Silty Clay			
-5	2		
	3	2.3	24.0
562.70	6	P	
Medium, Dark Brown, Clay Loam			
581.70 ▽	10		
Dense, Light Gray, Shale	20	0.8	18.0
	27	P	12.0
▽-10	50/		
	6"		10.0
	56/		
	6"		
-15	30		
	40/6"		15.0
571.70	18		
Hard, Tan, Clay	30	5.0	15.0
	30	S	
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard, Tan, Clay *(continued)*	20		
	25	4.2	15.0
	48	S	
566.70			
Dense, Greenish/Gray, Shale 565.20	--	--	--
End of Boring			
-25			
	100/		
	3"		15.0
-30			
-35			
-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)

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

BORING LOGS 1
STRUCTURE NO. 053-0189

SHEET NO. 23 OF 26 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	68	(102)BR-1	LIVINGSTON	58	34
		SN 053-0189	CONTRACT NO. 66822		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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