68074

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1379	(108B)BR-1	STARK		28
STA	214+48.00			
	ILLINOIS	IL RTE 91		

SHEET 7 OF 7

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 4/11/01

ROUTE FAU 1379 (IL 91) DESCRIPTION IL Rte 91 over Indian Creek Tributary LOGGED BY DPS

SECTION (108 B) BR-1 LOCATION SEC. 34, TWP. T11N, RNG. R5E, 4th PM

COUNTY Stark DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 088-0018
Station 214+48

BORING NO. 1
Station 214+33
Offset 12.50ft Lt
Ground Surface Elev. 719.63 ft

Surface Water Elev. 706.9 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 688.6 ft
Upon Completion 703.6 ft
After 24 Hrs. 699.0 ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	NO SAMPLE TAKEN (0 - 1.5')			
718.13				
	Brown & Gray SILTY CLAY LOAM	1		
		2	0.82	20
		2	B	
		1		
-5		2	0.78	25
		3	B	
713.13				
	Gray SILTY CLAY	1		
		2	0.82	26
		3	B	
		2		
-10		3	1.0	25
		3	P	
	shelby tube taken from 11.5' - 14'	1		
		1	0.21	31
		3	B	
697.04				
	Gray SANDY CLAY LOAM with trace organics @ 15.5'	1		
-15		1	0.54	24
		2	B	
703.13				
	Gray & Brown SILTY CLAY LOAM	1		
		3	2.62	18
		5	S	
700.63				
	Gray SILTY LOAM	2		
-20		5		

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	Gray SILTY LOAM (continued)	8	3.5	18
		2	S	
		7	2.4	15
		10	S	
		5		
-25		7	3.75	12
		12	P	
		7		
		10	4.5	13
		11	P	
		5		
-30		14	2	10
		12	P	
688.13				
	Gray SHALEY CLAY	21		
		36		17
		64@4"		
		20		
-35		23	3.93	15
		36	S	
684.13				
	End of Boring			
-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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 5/3/01

ROUTE FAU 1379 (IL 91) DESCRIPTION IL Rte 91 over Indian Creek Tributary LOGGED BY KRW

SECTION (108 B) BR-1 LOCATION SEC. 34, TWP. T11N, RNG. R5E, 4th PM

COUNTY Stark DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 088-0018
Station 214+48

BORING NO. 2
Station 214+75
Offset 36.00ft Rt
Ground Surface Elev. 711.67 ft

Surface Water Elev. 706.9 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 704.2 ft
Upon Completion 705.0 ft
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	NO SAMPLE TAKEN (0 - 1.0')			
710.67				
	Dk Brown SILTY CLAY LOAM poor recovery	3		
		2		21
		3		
708.17				
	Dk Gray SILTY CLAY LOAM	2		
-5		2		35
		2		
705.67				
	Gray SILTY CLAY	1		
		1	1.03	26
		2	B	
703.17				
	Lt Gray with Lt Brown SHALEY SILT w/SANDSTONE FRAGMENTS	1		
-10		1		20
		1		
700.67				
	Lt Gray SHALEY SILT with limestone fragments	H		
		22		19
		10		
		6	2.27	16
		4	S	
-15		5		
695.67				
	Lt Gray LIMESTONE fragments with CLAY poor recovery	4		
		7		19
		9		
693.17				
	Lt Gray SHALEY SILT	3		
		11	2.18	15
-20		17	S	

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	Lt Gray SHALEY SILT (continued)	13		
		20	5.67	14
		41	S	
		19		
		32		14
686.67		68@5"		
-25	End of Boring			
-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)

DESIGNED	JLG
CHECKED	GEP
DRAWN	BAD
CHECKED	JLG

BORING LOGS
FAS 1379 (IL RTE 91) OVER
INDIAN CREEK TRIBUTARY
SECTION (108B)BR-1
STARK COUNTY STA 214+48.00
SN 088-2500