(PS)	Illinois Department
(A)	of Transportation Division of Highways

## **SOIL BORING LOG**

Page <u>1</u> of <u>1</u>

Date 9/6/02

ROUTE	FAP 307 (IL64)	DE	SCRII	PTIO	N	P€	eat Soundings, East leg	of IL 64	LOGGE	D BY KOLC	)DZIEJ
SECTION	126N-1		L	OCA	TION _	S 1/2,	SEC. 18, TWP. 40N, R	NG. 7E, 3 <sup>rd</sup> PM			
COUNTY	KANE [	DRILLING	MET	THOD	M	obile I	3-80, 3.25 in. ID HSA	HAMMER TY	PE		-
STRUCT. NO. Station			D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	fi			
Station Offset	B-28 54+03 22,30ft RT ace Elev. 879.00		T H (ft)	W S (/6")	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter Upon Completion After Hrs.	862.5 ff 862.5 ff	Ž Ž	٠.	
Black Organic some fine to co (TOPSOIL)	Silty LOAM w/	878.00				17					
	ce fine to coarse					13					
						9					
Very Soft, Blac (BURIED TOPS		874,50	-5			96					
		872.30			<0.25	74					
Very Loose, Black Very Soft, Black				,	<0.25	58					-
Soft, Gray SILT		870.30 869.90			0.3	18					
Very Soft, Dark	Brown PEAT		-10		<0.25 <0.25						
Von Soft Light	Brown PEAT w/	867.50			<0.25	73				•	e de la companya de l
trace of shells	DIOWIT LAT W	-			<0.25	75					<b>.</b>
New York		864.75 <sup>-</sup>			<0.25	76				7.	
pebbles	CLAY, trace of dium Stiff, Gray,	864.00	-15		0.3 <0.25	37 30					
Silty CLAY, trac	e of fine to coarse	862.50	<b>y</b>		1.0	23					
Gray to Light Br	own Coarse	861.50	-			11					
Note: - Unconfined co strength based with a calibrated penetrometer.	on measurements		-20	The state of the s							

চন 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 1

BBS, from 137 (Rev. 8-99)



## SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Date 11/13/02

SECTION         126N-1         LOCATION         S 1/2, SEC. 18, TWP. 40N, RNG. 7E, 3 <sup>rd</sup> COUNTY         KANE         DRILLING METHOD         Mobile B-80, 3.25 in. ID HSA         HAMME           STRUCT. NO.         D         B         U         M         Surface Water Elev.         Stream Bed Elev.           Station         B-37         T         W         S         Groundwater Elev.:           Station         52+13         H         S         Qu         T         First Encounter         867           Offset         16.60ft LT         Upon Completion         870         After 24 Hrs.         872           Medium Stiff, Gray, SILTY CLAY LOAM, trace black organic         1.0         19         19	ER TYPEftftft
STRUCT. NO.         D         B         U         M         Surface Water Elev.           Station         BORING NO.         B-37         T         W         S         I           BORING NO.         B-37         T         W         S         Groundwater Elev.:           Station         52+13         H         S         Qu         T         First Encounter         867           Offset         16.60ft LT         Upon Completion         870         After 24         Hrs.         872           Medium Stiff, Gray, SILTY CLAY LOAM, trace black organic         LOAM, trace black organic         T         W         After 24         Hrs.         Briter	ft ft .6 ft ▼ .6 ft ⊽
E	ft <u>.6</u> ft <b>▼</b> .6 ft ▽
Station   52+13   H   S   Qu   T   First Encounter   867	<u>.6</u> ft ∑
Medium Stiff, Gray, SILTY CLAY LOAM, trace black organic	. <u> </u>
LOAM, trace black organic	
	•
873.64	
Very Soft, Black PEAT, trace gray fine to medium sand	
Organic Content=20.40%	
<u>∇</u>   <0.25 59	
Gray Medium to Coarse GRAVEL, trace silty clay loam	
866.64 -10 Gray SAND	
Note:	
- Unconfined compressive strength based on measurements with a calibrated pocket penetrometer	
End of Boring15	
	,

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)

FILE NAME =	USER NAME = _USER_	DESIGNED - AR	REVISED -		IL 64 AT IL 47 INTERSECTION IMPROVEMENTS			SECTION	COUNTY	TOTAL SHEET SHEETS NO.
\$FILEL\$	DRAWN - AR REVISED -	STATE OF ILLINOIS		SOIL BORING LOGS	307	126N-1	KANE	156 115		
	PLOT SCALE = 50.0000 1/ 10.	CHECKED - RS	REVISED -	DEPARTMENT OF TRANSPORTATION		2011 DOUING FOGS		•	CONTRAC	CT NO. 62278
PLOT DATE = 9/1/2011	DATE - 09-01-2	011 REVISED -		SCALE:	SHEET NO. 3 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		