



SOIL BORING LOG

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ROUTE FAP 302 DESCRIPTION 336 Section 5 Soil Survey Tributary to Lamoine River LOGGED BY M. Tappan
 SECTION 34-5 (5B) LOCATION SEC. 22, TWP. 5N, RNG. 5W, 4 PM
 COUNTY HANCOCK DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
034-2516 Pr	1318+53.88	64	1318+25	30.00H RT	524.7	(ft)	/6"	(tsf)	(%)	517.3	517.2	(ft)	/6"	(tsf)	(%)
Gray and Brown Moist CLAY LOAM CLASSIFICATION 64-1															
Surface Water Elev. 517.3 ft															
Stream Bed Elev. 517.2 ft															
Groundwater Elev.: 511.7 ft															
First Encounter Upon Completion Washed ft															
After 7 D. Hrs. 519.2 ft															
Gray Med to Coarse SAND w/ some Med GRAVEL															
502.20															
Olive Gray V Moist LOAM w/ interbedded Med to Coarse SAND Seams															
1 0															
2 0.6 16															
3 B															
Gray															
1 0.7 19															
2 B															
Light Olive Gray Moist LOAM to SAND LOAM w/ interbedded Med to Coarse SAND															
514.70 -10 2 0.7 29															
Gray V. Moist CLAY LOAM CLASSIFICATION 64-2															
494.70 -30 1 0.2 19															
Gray Med to Coarse SANDY GRAVEL															
0															
1 0.3 26															
2 B															
Gray Wet LOAM CLASSIFICATION 64-3 Free Water															
511.70															
0															
1 0.1 26															
2 B															
509.20															
Gray Med SAND w/ some Med GRAVEL															
0															
2 0.3 26															
1 B															
507.20															
Gray Moist SILTY CLAY LOAM CLASSIFICATION 64-4 Washed															
0															
1 0.4 30															
2 B															
504.70 -20 1 0.4 30															

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 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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034-2516 Pr	1318+53.88	64A	1317+55	105.00H RT	526.7	(ft)	/6"	(tsf)	(%)	510.1	515.8	(ft)	/6"	(tsf)	(%)
Brown Moist CLAY LOAM Ref Classification 64-1															
506.20															
Gray V. Moist SILTY CLAY LOAM Ref Classification 64-4															
0															
2															
0															
0 0.2 29															
0 B															
Gray Moist CLAY LOAM Ref Classification 64-2															
521.20															
2 0.7 16															
2 B															
Gray Med SANDY GRAVEL Washed															
499.20															
0															
1 0.4 24															
3 B															
V. Moist															
0															
0 0.1 46															
1 B															
0															
0 0.3 27															
1 B															
491.70 -30 5 16 25															
Gray Dirty Wet Med SAND Free Water															
508.20															
0															
0 0.1 27															
0 B															
506.20															
Gray Dirty Wet Med SAND Free Water															
-20 0															

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034-2516 Pr	1318+53.88	65	1318+70	102.00H LT	523.3	(ft)	/6"	(tsf)	(%)	517.7	517.3	(ft)	/6"	(tsf)	(%)
Tan to Brown Moist Med to Coarse SAND															
0															
1															
0															
2 0.4 25															
2 B															
Gray Med SANDY GRAVEL Washed															
498.30 -25 1 0.4 25															
2 B															
Gray Dirty Wet Med SAND Free Water															
0															
1															
1															
0															
0 0.2 24															
1 B															
w/ interbedded SILTY CLAY LOAM Seams Washed															
0															
1															
1															
2															
0															
1 0.3 25															
1 B															
508.30 -15 1															
Gray V. Moist SILTY CLAY LOAM Ref Classification 64-4															
0															
1 0.3 25															
1 B															
0															
1 0.4 27															
2 B															

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
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PLOT DATE = 5/1/2006
 FILE NAME = 034-7001-01-08-001-001.dwg
 PLOT SCALE = 0.25" = 1'-0"
 USER NAME = laughtonr1

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE	
BORING LOGS	
PROJECT	PROJECT NO.
IL. RTE. 336 OVER TRIB TO LA MOINE RIVER	02076-4
FAP ROUTE 315 SECTION 34-5 (5B)	SCALE
HANCOCK COUNTY	DATE
STATION 1318+53.88	03/20/06
STRUCTURE NUMBER 034-7001	DRAWN BY
	TFG
	CHECKED BY
	AME/MCB
	DRAWING NO.
COOMBE-BLOXDORF P.C.	
Engineers/Land Surveyors	
Springfield, Illinois	
Design Firm License No. 184-002708	8
	OF 8 SHTS