



SOIL BORING LOG

Page 1 of 1
Date 6/23/04

ROUTE FAP 345 (US Rte. 20) DESCRIPTION South Retaining Wall LOGGED BY R. GROFF
SECTION BR-1-N-1 LOCATION S side of Rte20 E of Bluff City Rd., SEC. 20, TWP. 41N, RNG. 9E
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____ Station _____	D E P T H H S Qu T	B L O W S Qu T	U C S Qu T	M O I S T Qu T	Surface Water Elev. _____ ft	D E P T H H S Qu T	B L O W S Qu T	U C S Qu T	M O I S T Qu T	
BORING NO. B-10 Station 87+00 Offset 60.00ft Right Ground Surface Elev. 774.40 ft					Stream Bed Elev. _____ ft					Groundwater Elev.: First Encounter 755.9 ft Upon Completion Dry ft After _____ Hrs. Cave in @11' ft
Dark Brown Silty CLAY with fine Gravel (fill) 772.90	7									End of Boring 754.40 -20 15
Brown fine to coarse SAND and GRAVEL (fill) 770.90	19 20			8.0						
Dark Brown Silty CLAY with fine to medium Sand and Gravel (fill) 764.40	7 5	1.5 S		17.0						
Brown fine to coarse SAND and GRAVEL 764.40	1 1 0 1 5 10 11 9 12 16 17 21 21 30 14 10			14.0 22.0						

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)



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BORING NO. B-11 Station 87+90 Offset 65.00ft Right Ground Surface Elev. 776.70 ft					Stream Bed Elev. _____ ft					Groundwater Elev.: First Encounter DRY ft Upon Completion _____ ft After _____ Hrs.
Brown Sandy CLAY, trace fine Gravel (fill) 773.20	5 7 7			0.2 S 11.0						End of Boring 756.70 -20 28
Brown fine to coarse SAND and GRAVEL 773.20	17 12 7 3 5 4 3 5 5 13 9 10 15 20 22 21 27 17 45 29			9.0 8.0 8.0						

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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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS-II
U.S. RTE. 20
AT BLUFF CITY / SHALES PARKWAY
SOUTH SOLDIER PILE RETAINING WALL
F.A.P. 345 SECTION: 8R-1-N-1
COOK COUNTY
STRUCTURE NO. 016-W968
SCALE: NONE DRAWN BY: D.L./F.M.
DATE: FEBRUARY, 2008 CHECKED BY: B.N.S./J.C.N.
CHRISTIAN-ROGE & ASSOC., INC.
CHICAGO ILLINOIS