

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2

ROUTE TR21 DESCRIPTION Hill Rd. Over N. Branch Nippersink Creek Date Started 10/12/09
 SECT. 08-000356-00-BR STRUCT. NO. 056-3192 DRILLED BY TSC - L-72,490 Date Completed 10/12/09
 COUNTY McHenry LOCATION S. End East Abutment S. 16E1/2, TWP. 48N, RNG. 8E

Boring No.	Station	Offset	Surface Elev.	DEPT H	B L O W S	Qu W	Surface Water Elev.	DEPT H	B L O W S	Qu W	
3	110+44	6.00ft Lt.	790.10 ft				779.6				
8" Asphaltic Concrete											
4" Sand and Gravel Subbase				789.10							
FILL - Brown SAND and GRAVEL, damp A-1-a				16	24	4.0		8	9		
				27				11			
				16				10			
				22		3.9		16			
				17				19			
FILL - Dark brown CLAY LOAM, trace gravel, trace organic, moist A-6				784.60	4	P					
				4	1.0	13.5					
				3							
FILL - Brown SILTY CLAY, trace gravel, trace roots, very moist A-6				782.10	1	P					
				1	0.75	24.2		16			
				3				20			
				10				21			
Very soft dark brown ORGANIC CLAY, very moist A-8				779.60	4	P					
				2	0.25	40.8					
				3							
Medium dense brown SAND and GRAVEL, saturated A-1-a				777.10	5			752.10	4	B	
				8				7	0.7	12.0	
				7				6	15%		
				16							
Stiff light brown SILTY CLAY, little sand, occasional silt and sand seams, very moist A-8/A-7-6				774.60	11	P					
				15	1.0	17.1					
				7							
				7	B			5	P		
				8	1.49	21.8		7	0.75	13.9	
				10	15%			7			
				5	B						
				7	1.23	23.9					
				16	15%						
Medium dense to dense brown SAND, little to some gravel, saturated A-1-b				767.10	9			742.10	5		
				9				7		11.5	
				12				13			

LOT BORING 789.60 GPH 10/12/09 10:28:09

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation

STRUCTURE BORING LOG

Page 2 of 2

STRUCTURE NO. 056-3192 ROUTE TR21
 SECTION 08-000356-00-BR COUNTY McHenry
 STRUCTURE NO. 056-3192 ROUTE TR21
 SECTION 08-000356-00-BR COUNTY McHenry

Boring No.	Station	Offset	Elevation	DEPT H	B L O W S	Qu W	Groundwater Elev.	DEPT H	B L O W S	Qu W
3	110+44	6.00ft Lt.	740.10 ft							
Medium dense brown SANDY LOAM, little gravel, wet A-2-4				737.10	9					
				10		13.2				
				18						
Very stiff brown CLAY LOAM, trace to little gravel, moist A-4				734.60	21	P				
				14	2.75	10.8				
				18						
				21	P					
				14	2.25	11.5				
				14						
Very dense brown SANDY GRAVEL, trace clay, saturated A-1-a				732.10	19					
				32						
				46						
Hard brown CLAY LOAM, little gravel, damp A-4				729.60	34	B				
				48	4.4	9.0				
				50/5"	15%					
				46	P					
				50/5"	4.5+	7.7				
				46						
Hard brown SILTY CLAY LOAM, trace sand, moist A-4/A-6				723.10						
				34	B	12.0				
				50/5"	4.96	17.7				
				7						
Very dense brown SILTY CLAY, trace gravel, moist A-4				721.10						
				46						
				50/5"		14.0				
				46						
				50/5"						

LOT BORING 729.60 GPH 10/12/09 10:30:09

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Gus Pech GP-750 Truck Rig (#217)
 Rope and Cathead Hammer
 Rotary Wash Drill Below 12.5'
 End of Boring at 75.0'

FILE NAME = s:\joh\58000-68991\6842\107\micross\acads\sheet\structure\056-3192-63666-021-SBL.dgn