

CHICAGO TESTING LABORATORY, INC.

FOUNDATION BORING LOG

SHEET 1 OF 1

PROJECT 05MC227, CULVERT BORING DATE 5/26/05
 ROUTE DOUGLAS ROAD STRUCTURE BORINGS IN OSWEGO, ILLINOIS BORED BY SPE
 SECTION CHECKED BY WJW

COUNTY	KENDALL				WATER SURFACE EL.	15.5'			
BORING	SB-1				GROUND WATER AT COMPLETION	13.7'			
STATION	49+80				AFTER 1 DAY	12.3'			
OFFSET	27' N of CREEK CL 23' E of Douglas Rd. CL				Depth	N/6"	Qu	W	%
GROUND SURFACE EL.	660.0				M (Ft)				
9" Bit. Asphalt Pavement									
Grey Crushed Limestone, IDOT CA-6					5				
					6		6		
					7				
Brown coarse SAND, with GRAVEL, A-2: FILL, slightly dense					3				
					2		7		
					3				
					3				
					4				
					3				
					3				
					4				
					3				
					3				
					4				
					3				
					3				
Black Organic Silty Clay LOAM, A-7-6, stiff					5				
					5	1.0		21	
					7	P			
wood piece					4				
					50/1"	1.0		16	
						P			
Grey Silty CLAY, A-6, very stiff					7				
					12	3.45		19	
					20	B			
					11				
					13	2.33		21	
					18	B5			

N-Standard Penetration Test- Blows per foot to drive 2 inch
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
 Qu- Unconfined Compressive Strength (tsf)
 W- Water Content-percentage of oven dry weight (%)
 Type failure: B- Bulge Failure
 S- Shear Failure
 E- Estimated Value
 P-Penetrometer

CHICAGO TESTING LABORATORY, INC.

FOUNDATION BORING LOG

SHEET 1 OF 1

PROJECT 05MC227, RETAINING WALL DATE 4/11/05
 ROUTE DOUGLAS ROAD STRUCTURE BORINGS IN OSWEGO, ILLINOIS BORED BY SPE
 CHECKED BY WJW

COUNTY	KENDALL				G.W. DURING DRILLING	5.5'			
BORING	RW-3				GROUND WATER AT COMPLETION	3.3', 26.6' WCI			
STATION	49+90				AFTER 1 DAY	3.7'			
OFFSET	47' W of CL				Depth	N/6"	Qu	W	%
GROUND SURFACE EL.	654.5±				M (Ft)				
Black Silty CLAY, A-6 to A-7-6: FILL, firm to stiff c=750psf, k=100pci Es=0.02, γ=115pcf to Grey and Black									
					5				
					7		1.0	32	
					8		P		
					3				
					3	0.75		18	
					3		P		
					4				
					8				
					17				
					22				
					8				
					12				
					8				
					12				
					16	3.53		19	
					21	B			
					12				
					16	3.45		19	
					21	B			
					9				
					12	2.33		21	
					16	B			
					11				
					12	1.66		18	
					17	B			

N-Standard Penetration Test- Blows per foot to drive 2 inch
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches
 c=soil cohesion
 γ=wet soil unit weight (effective)
 Qu- Unconfined Compressive Strength (tsf)
 W- Water Content-percentage of oven dry weight (%)
 k=lateral modulus cyclic
 Type failure: B- Bulge Failure
 S- Shear Failure
 E- Estimated Value
 P-Penetrometer
 Es=soil strain

DATE
 BY
 PLAN
 SURVEYED
 GRADES CHECKED
 ALIGNMENT CHECKED
 NOTE BOOK NO.
 ROAD FILE NAME

DATE
 BY
 PROF FILE
 SURVEYED
 GRADES CHECKED
 STRUCTURE NOTATIONS OK'D
 NOTE BOOK NO.
 ROAD FILE



ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.U. 2508 - DOUGLAS ROAD
 (U.S. RTE 34 TO U.S. RTE 30)
 SOIL BORING LOGS
 DOUGLAS ROAD OVER WAUBONSEE CREEK
 SECTION 02-00039-00-PV, STA. 49+42
 SN 047-6306, KENDALL COUNTY
 VERT. DATE
 HORIZ. DATE
 DRAWN BY
 CHECKED BY