

APPENDIX II – SOIL BORING LOGS



Engineering & Testing Services, Inc.
 5226 Indian River Road Suite # 103
 Virginia Beach, VA, 23363
 Telephone: 757-306-1040
 Fax: 757-306-1042
 www.etsva.com

BORING NUMBER B-1

PAGE 1 OF 1

CLIENT Clark Nexsen PROJECT NAME Proposed College Drive Sidewalk
 PROJECT NUMBER ETS-15E146 PROJECT LOCATION Suffolk, Virginia
 DATE STARTED 10/16/15 COMPLETED 10/16/15 GROUND ELEVATION 17 ft HOLE SIZE 3 inches
 DRILLING CONTRACTOR FDI GROUND WATER LEVELS:
 DRILLING METHOD MUD ∇ AT TIME OF DRILLING 8.50 ft / Elev 8.50 ft
 LOGGED BY A.A. CHECKED BY C.T.N. AT END OF DRILLING ---
 NOTES AFTER DRILLING ---

DEPTH (ft)	ELEVATION (ft)	ELEVATION (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE NO.	RECOVERY (in)	BLOW COUNTS (N VALUE)	▲ SPT N VALUE ▲					
								20	40	60	80		
								PL MC LL					
								20	40	60	80		
								□ FINES CONTENT (%) □					
								20	40	60	80		
0				4" Topsoil									
				(SM) Dark Brown, Moist, Medium Dense, Silty Sand with Trace of Asphalt Fragments and Organic Materials (Fill)	SPT	100	4-4-6-7 (10)						
				(SM) Brown, Moist to Saturated, Medium Dense, Silty Sand with Trace of Clay	SPT	100	8-5-6-8 (11)						
				(SM) Gray, Saturated, Loose, Silty Sand with Trace of Clay	SPT	100	8-6-6-8 (12)						
				(SM) Gray, Saturated, Loose, Silty Sand with Trace of Clay	SPT	100	7-7-4-4 (11)						
				(SC) Tan Brown, Saturated, Very Loose, Clayey Sand with Trace of Silt	SPT	100	2-4-2-2 (6)						
				(SC) Tan Brown, Saturated, Very Loose, Clayey Sand with Trace of Silt	SPT	100	2-2-3-2 (5)						
				(CL) Gray, Saturated, Medium Stiff, Silty Clay	SPT	100	1-0-0-1 (0)						
				(SP) Gray, Saturated, Medium Dense, Poorly Graded Sand with Trace of Silt	SPT	100	3-4-4-3 (8)						
				(CL-ML) Gray, Saturated, Medium Stiff, Silty Clay with Trace of Sands	SPT	100	7-8-8-7 (16)						
				(SM) Gray, Saturated, Dense, Silty Sand with Trace of Clay and Shell	SPT	100	3-3-4-4 (7)						
				(SM) Gray, Saturated, Medium Dense, Silty Sand with Trace of Clay	SPT	100	15-15-17-18 (32)						
				(SM) Gray, Saturated, Medium Dense, Silty Sand with Trace of Clay	SPT	100	6-5-10-13 (15)						
					SPT	100	3-3-6-8 (9)						

Bottom of borehole at 50.0 feet.

GEOTECH BH PLOTS ETS 1 (SIDNI) - GINT STD US LAB GDT - 11/10/15 16:15 - S:\ETS-15E146 COLLEGE DRIVE SIDEWALK\BORING LOGS ETS-15E146.GPJ



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BORING NUMBER B-2

PAGE 1 OF 1

CLIENT Clark Nexsen PROJECT NAME Proposed College Drive Sidewalk
 PROJECT NUMBER ETS-15E146 PROJECT LOCATION Suffolk, Virginia
 DATE STARTED 10/16/15 COMPLETED 10/16/15 GROUND ELEVATION 18 ft HOLE SIZE 3 inches
 DRILLING CONTRACTOR FDI GROUND WATER LEVELS:
 DRILLING METHOD MUD ∇ AT TIME OF DRILLING 7.00 ft / Elev 11.00 ft
 LOGGED BY A.A. CHECKED BY C.T.N. AT END OF DRILLING ---
 NOTES _____ AFTER DRILLING ---

DEPTH (ft)	ELEVATION (ft)	ELEVATION (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE NO.	RECOVERY (in)	BLOW COUNTS (N VALUE)	▲ SPT N VALUE ▲					
								20	40	60	80		
0				4" Topsoil	SPT	100	2-3-4-5 (7)						
				(SM) Brown, Moist, Loose, Silty Sand with Trace of Gravel (Fill)	SPT	100	3-3-4-4 (7)						
				(SM) Brown, Moist, Loose, Silty Sand	SPT	100	3-3-2-3 (5)						
				(SM) Dark Brown, Moist, Very Loose, Silty Sand	SPT	100	2-2-3-3 (5)						
				(SC) Tan Brown, Moist to Saturated, Very Loose, Clayey Sand with Trace of Silt	SPT	100	3-2-2-2 (4)						
				(SM) Tan Brown, Saturated, Very Loose, Silty Sand with Trace of Clay	SPT	100	2-2-2-1 (4)						
				(SP) Tan Brown, Saturated, Medium Dense, Poorly Graded Sand with Trace of Silt and Clays	SPT	100	2-6-8-10 (14)						
					SPT	100	7-6-6-6 (12)						
				(CH) Gray, Saturated, Very Soft, Fat Clay with Trace of Sand	SPT	100	4-8-7-8 (15)						
					SPT	100	1-1-2-3 (3)						
				(SC-SM) Dark Gray, Saturated, Very Loose, Clayey Sand with Trace of Silt and Shell	SPT	100	1-0-1-4 (1)						
				(SC-SM) Gray, Saturated, Medium Dense, Clayey Sand with Trace of Silt and Shell	SPT	100	9-8-6-6 (14)						
					SPT	100	3-4-5-8 (9)						

Bottom of borehole at 50.0 feet.

GEOTECH BH PLOTS ETS 1 (SIDN1) - GINT STD US LAB GDT - 11/10/15 16.15 - S\NETS-15E146 COLLEGE DRIVE SIDEWALK BORING LOGS ETS-15E146.GPJ



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BORING NUMBER HA-1

CLIENT Clark Nexsen PROJECT NAME Proposed College Drive Sidewalk
 PROJECT NUMBER ETS-15E146 PROJECT LOCATION Suffolk, Virginia
 DATE STARTED 11/4/15 COMPLETED 11/4/15 GROUND ELEVATION _____ HOLE SIZE 3 inches
 DRILLING CONTRACTOR ETS GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger AT TIME OF DRILLING _____
 LOGGED BY A.A. CHECKED BY C.T.N. AT END OF DRILLING _____
 NOTES _____ AFTER DRILLING _____

DEPTH (ft)	ELEVATION (ft)	ELEVATION (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE NO.	RECOVERY (in)	BLOW COUNTS (N VALUE)	▲ SPT N VALUE ▲					
								20	40	60	80		
								PL	MC	LL			
								20	40	60	80	□ FINES CONTENT (%) □	
								20	40	60	80		
0				(SM) Dark Brown, Moist, Silty Sand with Trace of Organic Materials									
1													
2				(SC) Brown Tan, Moist, Clayey Sand									
3													
4				(SM) Brown, Moist, Silty Sand									
5													
6													

GEOTECH BH PLOTS ETS 1 (SIDMI) - GINT STD US LAB GDT - 11/10/15 16:15 - S-NETS-15E146 COLLEGE DRIVE SIDEWALK/BORING LOGS ETS-15E146.GPJ

Bottom of borehole at 6.0 feet.