



RECORD OF SUBSURFACE EXPLORATION

Virginia Beach 204 Grayson Road Virginia Beach, VA 23642 757-518-1703	Williamsburg 1592-E Penniman Road Williamsburg, VA 23185 757-564-6452	Elizabeth City 106 Capital Trace Unit E Elizabeth City, NC 27909 252-335-9765	Jacksonville 415-A Western Blvd Jacksonville, NC 28546 910-478-9915
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BORING ID CBR-1

PROJECT NAME: Franklin Boulevard Realignment - VA Medical Center Site Improvements
 CLIENT: Call Signs Engineers
 PROJECT LOCATION: Hampton, Virginia
 BORING LOCATION: See Attached Boring Location Plan
 DRILLING METHOD(S): Rotary wash "mud"
 GROUNDWATER*: INITIAL (ft) ∇ : ___ AFTER ___ HOURS (ft) ∇ : ___ CAVE-IN (ft) \odot : ___
The initial groundwater readings are not intended to indicate the static groundwater level.

PROJECT NUMBER: WM14-160G
 SURFACE ELEVATION (MSL) (ft): _____
 LOGGED BY: J. Wheeler
 DATE STARTED: 8/27/2014
 DATE COMPLETED: 8/27/2014
 DRILLER: Earthcon

Elevation (ft)	Depth (ft)	STRATA DESCRIPTION	Strata Legend	Sample ID	Sample Type	Sample Recovery (in.)	Blow Counts (N-Values)	%<#200	TEST RESULTS								
									Plastic Limit X	Liquid Limit X	Water Content - ●	Penetration - ▨					
	0.2	2-in Asphalt															
	1.0	10-Aggregate Base Material															
		Dark gray, moist, Poorly graded, fine to coarse SAND (SP-SM) with Gravel and Silt, medium dense to very dense "FILL"		1		17	57-61-72-7 (133)	7									
		Mottled, gray and brown, moist, Sandy lean CLAY (CL), stiff		2		15	5-7-7-8 (14)										
	4.0																
	5																
	6.0	Boring terminated at 6 feet below existing grade.															

Sample Type(s):
 SS - Split Spoon

Notes:

This information pertains only to this boring and should not be interpreted as being indicative of the site.



RECORD OF SUBSURFACE EXPLORATION

BORING ID CBR-2

Virginia Beach
204 Grayson Road
Virginia Beach, VA 23642
757-518-1703

Williamsburg
1592-E Penniman Road
Williamsburg, VA 23185
757-564-6452

Elizabeth City
106 Capital Trace Unit E
Elizabeth City, NC 27909
252-335-9765

Jacksonville
415-A Western Blvd
Jacksonville, NC 28546
910-478-9915

PROJECT NAME: Franklin Boulevard Realignment - VA Medical Center Site Improvements
 CLIENT: Call Signs Engineers
 PROJECT LOCATION: Hampton, Virginia
 BORING LOCATION: See Attached Boring Location Plan
 DRILLING METHOD(S): Rotary wash "mud"
 GROUNDWATER*: INITIAL (ft) ∇ : 5.5 AFTER HOURS (ft) ∇ : CAVE-IN (ft) \odot :

PROJECT NUMBER: WM14-160G
 SURFACE ELEVATION (MSL) (ft):
 LOGGED BY: J. Wheeler
 DATE STARTED: 8/27/2014
 DATE COMPLETED: 8/27/2014
 DRILLER: Earthcon

The initial groundwater readings are not intended to indicate the static groundwater level.

Elevation (ft)	Depth (ft)	STRATA DESCRIPTION	Strata Legend	Sample ID	Sample Type	Sample Recovery (in.)	Blow Counts (N-Values)	%<#200	TEST RESULTS						
									Plastic Limit	X	Liquid Limit	X	Water Content	-	Penetration
									10	20	30	40	50	60	70
0.3		3-in Topsoil													
		Brown and dark gray, moist, Clayey fine to medium SAND (SC) with trace organics and brick fragments, loose "FILL"		1			2-3-3-5 (6)	40							
				2			2-2-5-5 (7)								
4.0		Brown, moist to wet, Clayey fine to medium SAND (SC), loose													
				3			2-3-2-3 (5)								
5		Wet below 5.5 ft													
6.0		Boring terminated at 6 feet below existing grade.													

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Sample Type(s):
 SS - Split Spoon

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BORING ID CBR-3

PROJECT NAME: Franklin Boulevard Realignment - VA Medical Center Site Improvements
 CLIENT: Call Signs Engineers
 PROJECT LOCATION: Hampton, Virginia
 BORING LOCATION: See Attached Boring Location Plan
 DRILLING METHOD(S): Rotary wash "mud"
 GROUNDWATER*: INITIAL (ft) ∇ : AFTER HOURS (ft) ∇ : CAVE-IN (ft) \odot :

PROJECT NUMBER: WM14-160G
 SURFACE ELEVATION (MSL) (ft):
 LOGGED BY: J. Wheeler
 DATE STARTED: 8/27/2014
 DATE COMPLETED: 8/27/2014
 DRILLER: Earthcon

The initial groundwater readings are not intended to indicate the static groundwater level.

Elevation (ft)	Depth (ft)	STRATA DESCRIPTION	Strata Legend	Sample ID	Sample Type	Sample Recovery (in.)	Blow Counts (N-Values)	%<#200	TEST RESULTS							
									Plastic Limit X	Liquid Limit X	Water Content - ●	Penetration - ▨				
									10	20	30	40	50	60	70	
	0.3	4-in Asphalt														
		9-in Aggregate Base Material														
	1.1	Brown and dark gray, moist, Clayey fine to medium SAND (SC) with trace Gravel, organics, and asphalt fragments, loose to medium dense "FILL"		1		17	57-22-4-5 (26)	35								
				2		15	2-2-3-4 (5)									
	5			3		24	5-5-6-6 (11)									
	6.0	Boring terminated at 6 feet below existing grade.														

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Sample Type(s):
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Notes:



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BORING ID CBR-4

PROJECT NAME: Franklin Boulevard Realignment - VA Medical Center Site Improvements
 CLIENT: Call Signs Engineers
 PROJECT LOCATION: Hampton, Virginia
 BORING LOCATION: See Attached Boring Location Plan
 DRILLING METHOD(S): Rotary wash "mud"
 GROUNDWATER*: INITIAL (ft) ∇ : 2 AFTER HOURS (ft) ∇ : CAVE-IN (ft) \odot :
The initial groundwater readings are not intended to indicate the static groundwater level.

PROJECT NUMBER: WM14-160G
 SURFACE ELEVATION (MSL) (ft):
 LOGGED BY: J. Wheeler
 DATE STARTED: 8/27/2014
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 DRILLER: Earthcon

Elevation (ft)	Depth (ft)	STRATA DESCRIPTION	Strata Legend	Sample ID	Sample Type	Sample Recovery (in.)	Blow Counts (N-Values)	%<#200	TEST RESULTS										
									Plastic Limit	Water Content	Penetration	Liquid Limit							
	0.3	4-in Asphalt																	
	0.9	7-in Aggregate Base Material																	
	2.0	Black, moist, Silty fine to coarse SAND (SM) with Gravel and trace asphalt fragments, medium dense "FILL"		1		6	22-14-10-5 (24)												
	4.0	Dark gray, wet, lean CLAY (CL) with Sand, very soft		2		18	1-1-0-1 (1)												
	5.5	Dark gray, wet, Sandy lean CLAY (CL) with trace organics, very soft		3		20	1-0-1-0 (1)												
	6.0	Gray, wet, Silty fine to medium SAND (SM), very loose																	
		Boring terminated at 6 feet below existing grade.																	

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Sample Type(s):
 SS - Split Spoon

Notes:

