

HGL WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

HydroGeological, Inc.

FIELD REPRESENTATIVE: J. Walker

TYPE OF FILTER PACK: Filpro - Filter sand
 GRADATION: #2 sand - 4 bags (100 lbs) #00 sand (25 lbs)
 AMOUNT OF FILTER PACK USED: ~125 lbs

DRILLING CONTRACTOR: Frontz Drilling

TYPE OF BENTONITE: Pel-Plug 1/4" pellets - high yield
 AMOUNT BENTONITE USED: One - 5 gallon bucket

DRILLING TECHNIQUE: Sonic
 AUGER SIZE AND TYPE: 6 5/8 Sonic

TYPE OF CEMENT: HS Bentonite Grout (Quick-Grout)
 AMOUNT CEMENT USED: 5 bags
 GROUT MATERIALS USED: 20% solids by weight

BOREHOLE IDENTIFICATION: PW-11
 BOREHOLE DIAMETER: 6 5/8"
 WELL IDENTIFICATION: PW-11

WELL CONSTRUCTION START DATE: 7/21/09
 WELL CONSTRUCTION COMPLETE DATE: _____

DIMENSIONS OF SECURITY CASING: 8" cast Iron

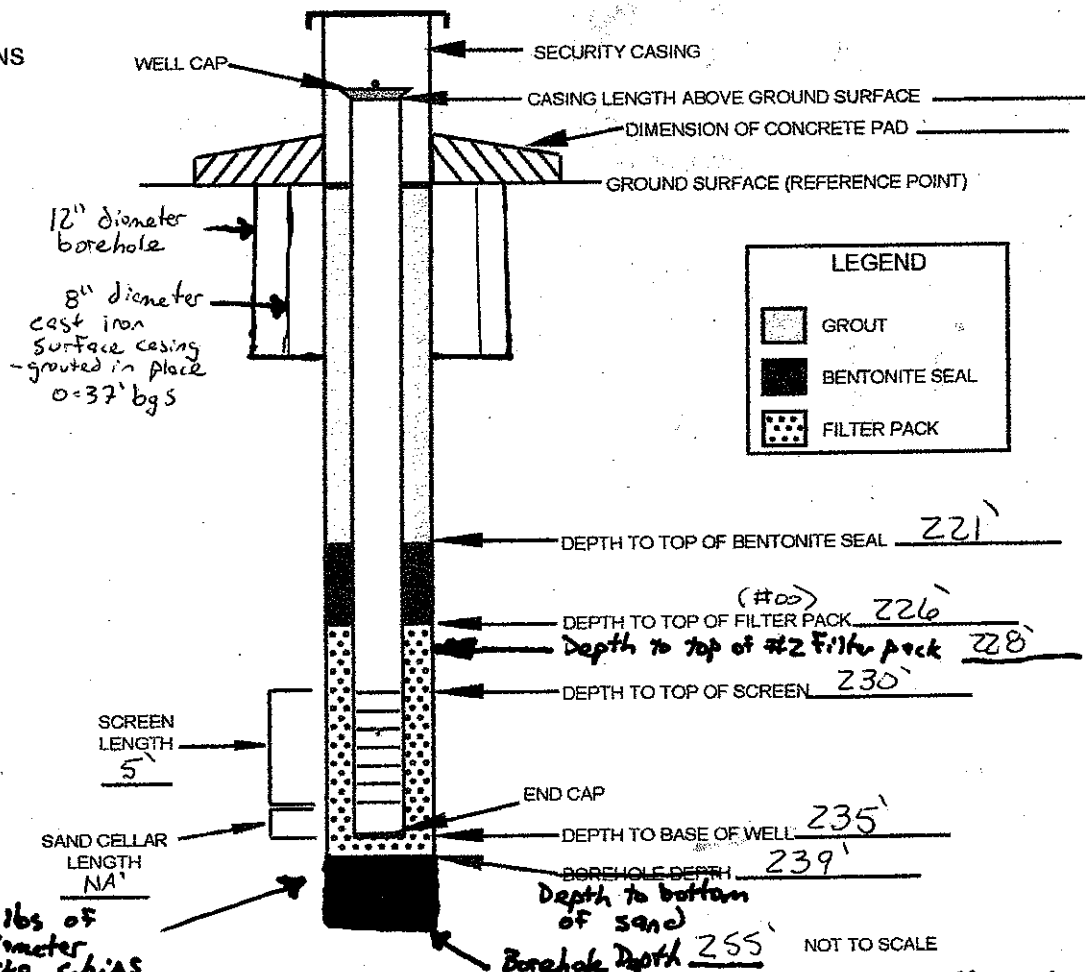
SCREEN MATERIAL: Stainless Steel (304)
 SCREEN DIAMETER: 2" 0.010 slot
 STRATUM-SCREENED INTERVAL (FT): _____

TYPE OF WELL CAP: 2" J-Plug
 TYPE OF END CAP: Welded screen

CASING MATERIAL: Stainless Steel
 CASING DIAMETER: 2-inch

COMMENTS: _____

SPECIAL CONDITIONS (describe and draw)



INSTALLED BY: D. Schaefer

INSTALLATION OBSERVED BY: J. Walker - HGL, M. Murphy - CH2M Hill

DISCREPANCIES: Approx 16' bentonite chips (3/8" diameter) installed in bottom of borehole



BORING LOG

Borehole ID: PW-11
 Sheet 1 of 19

Project Name STANDARD CHLORINE			Project Number E10022.03		LTCCODE (IRPIMS)		Location NEW CASTLE, DE		
Drilling Company FRONTZ			Driller D. SCHEIDENGOST		Ground Elevation		Site ID		
Drilling Equipment NEPSA DRILL - NEPSA SONIC			Drilling Method SONIC		Borehole Diameter 6 5/8"		LPRCODE (IRPIMS)		
Type of Sampling Device 4" DIAMETER PIPE - CORE BARREL			Date/Time Drilling Started 6-21-09 / 1300		Date/Time Total Depth Reached 7-21-09 / 1350		Total Drilled Depth 255 bgs		
Sample Hammer Type NA Driving Wt. Drop			Hydrogeologist		Water Level (bgs) First Final Lisa Carter CHAM HILL / 7-21-09				
Location Description (include sketch in field logbook) APPROX. 200FT SOUTH OF THE EDGE OF WETLANDS									
Depth	Interval	Recovery	Description (Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)			USCS Symbol	Lithology	Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)
1			CLAYEY SILT - BROWN (10YR 4/3), ROOTS, LOIST, NON-PLASTIC, NON- COHESIVE, V. STIFF					11.9	
2		3.8 S	POORLY GRADED SAND - YELLOW BROWN (10YR 5/6) FINE TO MEDIUM, SOME COARSE GRAINS, DAMP, MED DENSITY					12.9	
3								7.6	
4								4.4	
5								9.3	
6								7.9	
7								7.6	
8								5.2	
9		4 S						9.3	

Project Name <u>S.C.S.</u>			Project Number <u>E10022-03</u>		Location <u>NEW CASTLE, DE</u>	
Depth	Interval	Recovery	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology	Water Content <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
39			SAME AS ABOVE	CH		1.5
40		0.0/5.0	No Recovery. A chunk of hardened grout jammed into end of barrel, preventing any recovery.	NR		END SONIC DRILLING REMAINS W/ MUD-ROT. TO SET SURFACE CASING BEFORE ADVANCING 7-10-09: Return to sonic drilling activities from 40 feet.
41					POTOMAC FORMATION	
42						
43						
44						
45			CLAY, 10YR 5/4 gray, dry, very stiff, high plasticity, trace organic material at 45.9 feet, silty clay at 46.0	CH		
46						5.1
47						3.1
48						3.2
49						4.0
50		5.0/5.0	silty clay 49.4-49.8 feet.			11.2
51			gray silty silt and clay, gray (10YR 5/4) and dk gray (10YR 4/1), moist, med-high plasticity, medium dense.	CL		
52			silt and clay, alternating varved lenses, gray (10YR 5/1) and dk gray (10YR 4/1), stiff	CH ML		7.0
53			clay, gray (10YR 5/1), dry, very stiff,	CH		4.7

(50-55 ft unit cont. on page 6).

Project Name		Project Number		Location			
S. C. S.		E10022.03		New Castle, DE			
Depth	Interval	Recovery	Description (Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)	USCS Symbol	Lithology	Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)
54			alternating varved silt and clay lenses at 53.1-53.5 feet, 3-inch diameter dropstone at 53.5 feet (possible lacustrine unit), high plasticity	CH	POTOMAC FORMATION	4.3	
55						4.6	
56		5.0	SILT and CLAY (mostly clay), alternating varved lenses, gray (10YR 5/1) and dk gray (10YR 4/1), silt is clayey, 4-inch siltstone piece at 56 feet; dry to moist with wet conditions in silty layers, stiff to v stiff, high plasticity.	CL		8.0	
57						11.8	
58						7.2	
59						3.7	
60		5.0	CLAY, dk gray (10YR 4/1), dry to moist, v stiff, high plasticity.	CH		5.1	
61		5.0				15.8	
62			SILTY SAND, gray (10YR 5/1), wet, trace clay, fine-grained sand, medium dense, low plasticity.	SM		1.9	
63						4.0	
64			Same as 60-61.9 feet.	CH	2.4		
65			Same as 61.9-63.5 feet.	SM	1.9		
66		5.0	CLAY with silt lenses, dk gray (10YR 4/1) with gray (10YR 5/1) silt laminae, moist, medium dense to stiff, med-high plasticity.	CL	24.7		
67			SILTY SAND, grayish brown (10YR 5/2), fine grained, wet, v soft, trace organics (obscure). (cont on page 6).	SM	2.8		
68					11.4		

Project Name			Project Number			Location		
S.C.S.			E10022, 03			New Castle, DE		
Depth	Interval	Recovery	Description	USCS Symbol	Lithology	Water Content	Remarks	
			(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)				(Include all sample types & depth, odor, organic vapor measurements, etc.)	
69			(cont from page 5)	SM	POTOMAC FORMATION		6.1	
70			CLAY w sandy silt lenses, gray (10YR 5/1), dry, v stiff, hard, high plasticity.	CH				
71	5.0/5.0		SILTY SAND with CLAY in alternating layers, clay is dk gray (10YR 4/1), silty sand is grayish brown (10YR 5/2), sand is moist to wet, clay is dry to moist, sand is soft, clay is hard.	CH/SM			19.5	
72							19.7	
73							10.2	
74							7.6	
75	5.0/5.0		CLAY with trace to little silt lenses, gray dk gray (10YR 4/1), dry, v stiff to hard, high plasticity.	CH			4.1	
76							21.25 21.1	
77							25.78 25.4	
78							8.45 8.4	
79						5.73 5.9		
80						3.7		
81	5.0/5.0		SILTY GRAVEL with SAND, some silt, yellowish-brn (10YR 5/6) fm gravel, f-c sand, wet, black organic zone within (black 10YR 2/1), gravel is silt clay yellow-brn (10YR 5/6) sand dk red (2.5YR 3/6) silt pale brown (10YR 6/6)	GP		8.8		
82			SAND, H red (2.5YR 6/6) fine grained, some silt, poorly sorted, wet (6)	SP		3.2		
83			cemented at 82-82.5 feet, clay lens at 82.2-82.4 feet (dry, lt gray (10YR 7/1) and mottled with reddish brn (2.5YR 4/4).			5.9		

7/11/09
set temp sensor at 80-85 feet to collect GW sample
MS Form for M.C. D. in 80 or



Project Name			Project Number			Location		
S.C.S.			E10022.03			New Castle, DE		
Depth	Interval	Recovery	Description	USCS Symbol	Lithology	Water Content	Remarks	
			(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)				(Include all sample types & depth, odor, organic vapor measurements, etc.)	
84			(cont. from page 6)		POTOMAC FORMATION			
85		5.0	CLAY, gray (10YR 6/1) with mottling having color of reddish brown (5YR 4/4), dry, very stiff to hard, high plasticity	CH			4.3	
86		5.0					7.4	7-11-09: Resona Rotasonic drilling activities from 85 feet.
87							26.4	
88							12.3	
89							6.2	
90			trace (Mc)				16.5	
91		5.0	CLAY, some silt, gray (10YR 6/1), dry, hard, high plasticity.	CH			7.5	
92							0.9	
93			Same as MC CLAY, gray (10YR 6/1) with mottling having color of reddish brown (5YR 4/4), dry, hard, high plasticity. Note: Mottling has some pale yellow (2.5Y 7/4) coloring interspersed with the overall reddish brown.				1.1	
94						0.4		
95		5.0	Same as above.			0.6		
96		5.0				0.3		
97						1.1		
98			(cont. on page 8)			1.3		
						1.3		

GW sample
 MC09-PW11-80-85,
 (cont)

Project Name		Project Number		Location		
S.C.S.		E10022.03		New Castle, DE		
Depth	Interval	Recovery	Description (Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)	USCS Symbol	Lithology Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)
99		5.0 5.0	Same as above, becoming silty with trace fine sand at 98.6-100 feet; very stiff.	CH		1.5
100					POTOMAC FORMATION	1.1
101		5.0 5.0	CLAY, gray (10YR 6/1) with mottling having color of reddish brown (5YR 4/4), dry, hard, high plasticity, mottling becomes greater towards bottom of interval, where full interval becomes color of reddish brown (5YR 4/4) mixed with lt yellowish brown (2.5Y 6/4).			1.2
102						1.4
103						2.1
104						1.9
105						1.6
106		5.0 5.0	CLAY, gray (10YR 6/1), dry, hard, high plasticity. Grades into next interval at 108-109 feet.			2.3
107						2.9
108						2.4
109						2.4
110			SILTY SAND, gray (10YR 6/1) moist, fine grained, med dense to dense.	MG SP		2.3
111		5.0 5.0				2.3
112			CLAY, (10YR 4/1) dk gray with gray (10YR 5/1) mottling; dry, hard, high plasticity. (cont on page 9)	CH		2.2
113						3.6

Project Name		Project Number		Location		
S.C.S.		E10022.03		New Castle, DE		
Depth	Interval	Recovery	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
114			1133-1134: Black organics layer Same as 110-113.3 ft. with trace to no mottling, color of dk gray (10YR 4/1)	OH	POTOMAC FORMATION	2.2
115		5.0/5.0				2.3
116						5.0
117			Black organics layer. CLAY, dk gray (10YR 4/1), dry, hard, high plasticity.	OH CL		12.8
118			CLAY with silt lenses, gray (10YR 4/1), dry, hard, high plasticity.	CL		7.1
119						5.4
120			CLAY, little fine sand and silt, dry, gray (10YR 4/1), hard. At 20' SAND, fine grained, red (2.5YR 4/8), loose, moist to wet, silty.	CL SP		3.8
121		4.0/5.0	SAND, brown (10YR 5/2), some silt, wet, loose. CLAY, lt gray (10YR 7/1), dry, hard, high plasticity.	CH SP		2.6
122			SAND, red (2.5YR 4/8), some silt, wet, mottled with color of pale yellow (2.5Y 7/4), loose to med dense.	SP		5.7
123			Same as 120.8-121 feet.	CH		7.6
124			Same as 121-122.5 feet.	SP		4.8
125			Same as 120.8-121 feet. SAND, red (2.5YR 4/8), some silt, wet, mottled with pale yellow (2.5Y 7/4); loose to med dense.	CH SP		10.2
126		5.0/5.0	Same as above.	SP	17.6	
127					7.2	
128			SAND, white (10YR 8/1), fine grained, little silt, iron oxide coloring at 27.4-27.6 feet, poorly graded, wet.	SP	9.0	

120-125 ft: Water sample attempted, but no sufficient flow was established. Sample was cancelled.

125-130 ft: 7/12/09: set pump screen at 125-130 feet to collect for sample for MC09-PW11. No water was able to be pumped. Failed attempt.

Project Name			Project Number		Location		
S.C.S.			E10022.03		New Castle, DE		
Depth	Interval	Recovery	Description	USCS Symbol	Lithology	Water Content	Remarks
			(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)				(Include all sample types & depth, odor, organic vapor measurements, etc.)
129				SP	POTOMAC FORMATION	4.7	
130		3.0 5.0				3.3	
131						2.7	7/12/09: Resume drilling activities with gw sample at 125-130' and soil sample at 130-135'. Note: Approx. 2 feet of sample was lost from bottom of core barrel.
132			CLAY, lt gray (10YR 7/4) dry, v. stiff, high plasticity.	CH		2.7	
133			Same as 126.9-131.8 feet. A portion of sample from bottom of core barrel was lost because sample was so loose.	SP		2.9	
134						3.1	
135		5.0 5.0				2.6	
136			CLAYEY SAND, alternating between very pale brown (10YR 8/2) and red (2.5YR 4/6); fine to medium grained, medium density, med. plasticity, little silt, moist, wet zone at 138.5-138.7 feet, clay lens at 136.7-138.5 feet (has little f. in sand in it, dry to moist), iron oxide cementation zone at 139.8-140ft, with coarse-fine gravel-sized pieces of sandstone.	SM		5.1	
137						4.6	
138						3.9	
139					2.8		
140		5.9			3.9		
141		5.0	CLAY, gray (10YR 6/4 with 10YR 5/4 mottling), dry, hard, trace silt, (little silt and trace fine sand at 140-140.8 feet), high plasticity.	CH	2.9		
142					4.6		
143					4.2		

Set temp screen from 130-135 feet to collect GW sample: MC 09-PW11-130-135. No sample collected.



BORING LOG (cont'd)

Borehole ID: PW-11
 Sheet 12 of 18

Project Name		Project Number		Location				
S.C.S.		E1002283		New Castle, DE				
Depth	Interval	Recovery	Blow Counts	Description (include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)	USCS Symbol	Lithology Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)	
159				Black lignite lens at 158.9-159.1 feet. From 159.1 feet, same as 155-158.9 feet with some lignite pockets.	CH		2.7	
160			5.0	CLAY, mottling between gray (10YR 6/1) and reddish brown (5YR 4/4), little pale yellow (2.5Y 7/4) color interspersed, dry, hard, high plasticity.	CH	POTOMAC FORMATION	2.6	
161			5.0				18.3	
162							6.2	
163							9.4	
164							13.2	
165			5.0				13.5	
166			5.0				5.4	
167				CLAY, gray (10YR 6/1), dry, hard, high plasticity, becomes silty and soft towards bottom, trace black lignite pockets throughout.	CH		3.2	
168							3.0	
169							3.7	
170			5.0	SILT, gray (10YR 5/1), c layer to little clays, moist, trace lignite pockets, very stiff to hard, low to high plasticity, trace cemented sandstone of fine gravel and f-c sand sizes.	ML		3.7	
171			5.0					2.8
172								2.9
173							3.3	

Project Name				Project Number		Location		
S.C.S.				E10022-03		New Castle, DE		
Depth	Interval	Recovery	Blow Counts	Description (Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)	USCS Symbol	Lithology	Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)
174				(cont from p 13)	ML	POTOMAC FORMATION	3.3	
175			5.0	Same as above	ML		3.0	Note: High PID values could not be reproduced. Core was heated by drilling process. No obvious chlorobenzene-like odors.
176			5.0				386	
177				CLAY, lt gray (10YR 7/1), dry, hard, high plasticity.	CH		84.2	
178							128	
179							290	
180			5.0	SILTY CLAY, lt gray (10YR 7/1), dry, hard, high plasticity.	CH		25.0	
181			5.0				44.3	
182							26.2	
183				SILTY CLAY, lt gray (10YR 7/1), little fine sand, wet, loose.	EH		14.1	
184				Same as 180-182.8 feet.	CH	4.3		
185			5.0	SILTY CLAY, lt gray (10YR 7/1), trace fine sand, dry, hard, stiff to v stiff, med to high plasticity, becoming sandy at bottom.	CH	6.1		
186			5.0			19.0		
187						4.1		
188						4.7		

Project Name		Project Number		Location			
S.C.S.		E10022.03		New Castle, DE			
Depth	Interval	Recovery	Blow Counts	Description (Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)	USCS Symbol	Lithology Water Content	Remarks (Include all sample types & depth, odor, organic vapor measurements, etc.)
189				(Cont from page 13)	CH	POTOMAC FORMATION	10.0
190							6.1
191			5.0	CLAYEY SILT, dk gray (10YR 7/1), little f sand, moist, med dense, trace lignite (black)	SH		2.5
192				CLAY, pale red (10R 4/3), lt olive brown (2.5Y 5/4), dk gray (2.5Y 7/1) mottling, with equal amounts of each color, trace black lignite, resst, little silt, very stiff, dry, high plasticity	CH		2.6
193				CLAY, 2.5Y 6/1, becomes dk gray, becomes gray 2.5Y 5/1 at 193.2 feet to 195 feet, dry, hard, high plasticity	CH		2.5
194							2.5
195			5.0				2.3
196				CLAY SILTY CLAY, 2.5Y 6/1 gray, dry, hard, low to med plasticity	CL		2.3
197							2.3
198				CLAYEY SAND, dk gray (M6) (2.5Y 6/1) (10YR 4/1), with SILTY clay, moist, stiff.	SM		2.3
199						2.3	
200						2.4	
201			5/5			2.2	
202				AA. But Coars Sand and Fine Gravel @ 201.7'		2.2	
203				CLAY, Gray 10YR 7/1, Hard, DRY, High Plastic Interbedded with Sand, Poorly Graded	CL/SP	2.0	

Fine, white 10YR 8/1, V moist to wet, 20% 30% Sand

Project Name		Project Number		Location			
S.C.S.		E10022.03		New Castle, DE			
Depth	Interval	Recovery	Blow Counts	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
204				see Description Page 14	CH/SP	POTOMAC FORMATION	2.3
205			5.0	CLAY, dk gray (10YR 4/1), dry, hard, high plasticity	CH		2.2
206			5.0				3.9
207							2.1
208							2.4
209							1.3
210			5.0	CLAY, gray (10YR 6/1), becoming little silty, dry, hard, becoming very stiff, high plasticity, note: becomes little silt at 211.1 feet.			1.7
211			5.0				20.1
212							3.9
213							4.1
214						3.1	
215			5.0	SILT with CLAY, gray (10YR 6/1), very stiff, dry, low to med plasticity.	ML	5.1	
216			5.0			6.0	
217						35.0	
218				see page 16 for description.		5.8	

~~Bob~~ Kimberly

Project Name				Project Number		Location			
S.C.S.				E10022.03		New Castle, DE			
Depth	Interval	Recovery	Blow Counts	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology	Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>	
219				(Cont from page 15.) CLAY, dk gray (10YR 4/1), dry, hard, high plasticity, trace black lignite pockets.	CH	POTOMAC FORMATION	9.2		
220			4.5				9.1	Note: Bottom portion of sample was not recovered.	
221			5.0				0.8		
222							0.8		
223				SILTY CLAY, dk gray (10YR 4/1), low to medium plasticity, moist, stiff to v stiff, black lignite lens at upper contact.	CL			1.0	
224								0.8	
225				SAND, gray (10YR 5/1), fine to medium grained, wet, loose.	SP			1.1	
226			5.0	SAND, lt gray (10YR 7/1), fine grained, trace silt, wet, med dense.	SP			1.3	
227				SAND, white (10YR 8/1), fine to medium grained, wet, loose.	SP			1.1	
228				SILTY SAND, dk gray (10YR 4/1), fine grained, wet, med dense.	SM			1.1	
229				CLAY and SAND, dk gray (10YR 4/1), fine grained, some black organics, stiff, wet.	SM		1.0		
230			4.7				1.2	Note: Sample was very disturbed during extrusion from core barrel. Plastic liner got stuck in barrel.	
231			5.0	SAND, lt gray (10YR 7/1), fine to medium grained, wet.	SP		8.7		
232							10.4		
233							10.4		

Sample attempt for organic vapor analysis failed. Plug would not produce water for a sample.

Project Name		Project Number		Location				
S.C.S.		E10022.03		New Castle, DE				
Depth	Interval	Recovery	Blow Counts	Description	USCS Symbol	Lithology	Water Content	Remarks
				(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)				(Include all sample types & depth, odor, organic vapor measurements, etc.)
234				(cont from page 16) CLAY, gray (10YR 6/1) little silt, dry to moist, v stiff, trace black lignite pockets, med-high plasticity	CH			7.3 # 230-235 water sample collected and is preserved. MC UNSUCCESSFUL.
235			10/10					
236								Note: Sample had been heated up by drilling process.
237								
238								
239								
240								
241				CLAY, 10YR 4/1, dark gray, dry, hard, high plasticity.				7/21/09 Flushed 230-235 zone w/ water and reset packer assembly collect GW sample MC09-PW-11-230-235
242					CH			
243								
244								
245			10/10	Clayey sand (10YR 4/1) dark gray moist/wet (very fine) non plastic, mod cohesion, massively bedded mod/rapid dilatance	SM			PP-0.75
246								- recovery collected w/out 9 catote liner - v. bed directly into bags - 10' run
247								
248								

POTOMAC FORMATION

7/21/09
-mm

Project Name				Project Number		Location		
S. C. S				E10022-03		New Castle, DE		
Depth	Interval	Recovery	Blow Counts	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology	Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
248				Cont. From page 17	SM		2.4	no odor visual ↓
249				-SAA*			2.6	
250							2.0	
251				trace/few wood/lignite fragments increasing w/ depth			2.8	
252				252-252.4 - Black lignite layer (10XR 2/1) <small>abrupt</small>			2.7	
253				Silty sand - gray - Fine grained (10XR 6/1) - trace clays moist & non plastic well graded / non-uniform <small>abrupt</small>	SM		4.5	
254				- trace pyrite-like med/fine sand-sized grains			9.8	
255				- borehole stopped @ 255' bgs			10.1	
				* SAA - same as above				