INTERVAL SHEET

Page	1	VDMR Well No.	: 738 WWCR # 156	
Date	7-18-62	Sample Interval: from 3 to 187		
PROP:	Varina High School #1	Total depth	266	
COMP:	Sydnor	OilGas	WaterX_Exploratory_	
COUNTY:	Henrico (Varina)	CuttingsX	CoreOther	
From-To	From-To	From-To	From-To	From-To
-	3_ 19 19_ 32	-	Insufficient amount	_
_	32 - 50	-	of material to wash	
		a = ≀		-
_	50 - 57	-	=	-
	57 - 67	-	-	
_	67 - 77	<u>=</u>		_
_	77 - 87	i -	_	2
-	87 - 97	-	_	_
-	97 - 107	_	-	-
O -	107-117		-	-
-	117- 127	-	4	-
-	127 137	7 <u>-</u>	_	-
_	137 147	-	-	-
	Missing	-	-	-
_	157 - 167	-	-	-
-	167 - 177	-	_	_
-	177 187	· · · · · · · · · · · · · · · · · · ·	-	-
-	187 266 Missing	-	-	-
-		-	-	-
-	Ξ		-	-
-	-	-	=	=
	_	-	-	-
	-	-	-	-
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-	-	_	_	_

OWNER:

Henrico County School Board (Varina High School #1) Sydnor Pump & Well Company, Inc. Henrico (Varina) DRILLER:

COUNTY:

117-127 As above

VDMR # 738

WWCR # 156

TOTAL DEPTH: 266

SAMPLE DESCRIPTION (Washed Samples)

0-3	No sampl	le .	
3-19	f	quartz with yellow to orange argillaceous material, fine to coarse grained, subrounded, trace of sericite	
19-32	6	55% quartz with trace of yellow to orange argillaceous material, fine to pea-gravel size, subrounded (X-ray analysis: 30% white feldspar, 10% glauconite, 1% blue quartz)	
32-50		60% quartz, light gray, glauconitic, fine grained, subrounded, 25% feldspar, 10% glauconite	
50-57	t 1	50% quartz, white to light gray, glauconitic, fine to coarse grained, subrounded, 25% white feldspar, 10% glauconite, trace of blue quartz and iron exide	
5 7- 67	a 1	30% quartz, white to light gray glauconitic, argillaceous, fine to medium grained, subrounded, .0% white feldspar, 5% glauconite, trace of blue quartz	
67-77	As above		
77-87	As above		
87 - 97	As above		
97-107	a 1	35% quartz, white to light gray, slightly argillaceous, fine to coarse grained, subrounded, .0% white feldspar, trace of muscovite and blue quartz	
107-117	а	75% quartz, white to light gray, glauconitic, argillaceous, fine to very coarse grained, subrounded, 5% white feldspar, 5% glauconite	

OWNER: Henrico County School Board (continued) #738 (Varina High School #1) 127-137 Sand - 80% quartz, white to light gray, glauconitic, argillaceous, fine to very coarse grained, subrounded, 15% white feldspar, trace of glauconite 137-147 Sand - 75% quartz, white with small amount of maroon (iron stain), slightly glauconitic and argillaceous, very fine to very coarse grained, subrounded, 20% white feldspar, trace of muscovite 147-157 No sample 157-167 Sand - 75% quartz, white with small amount of maroon, slightly glauconitic and argillaceous, very fine to very coarse grained, subrounded, 20% white feldspar, trace of muscovite 167-177 Sand - 60% quartz, white and maroon, glauconitic, highly argillaceous, very fine to very coarse grained, rounded to subrounded, 35% clay and glauconite, trace of muscovite 177-187 As above 187-266 No samples

GEOLOGIC SUMMARY

	<u>AGE</u>	FORMATION OR UNIT	
0-19	Recent	Alluvium	
19-57	Eocene	Aquia formation	
57 - 266	Lower Cretaceous	Potomac group	

Virginia Division of Mineral Resources Merrick S. Whitfield - Geologist October 22, 1962