INTERVAL SHEET

)			WWCR 147	
Page	1	VDMR Well No.:	942	
Date	1/22/64	Sample Interva	al: from 1 to 25	53
PROP:	Prince George Elementary School	Total depth	253	
COMP:	Mitchell's W & P Co.	OilGas	Water <u>X</u> Exploratory	/
COUNTY	: Prince George	Cuttings X	CoreOther	
	VDMR Well No: W-942			
From-To	o From-To	From-To	From-To	From-To
_	1_10	-		(<u>-</u>):
-	10_20	1-1	Complete set of	=
-	20_30	-	samples intervals	-
-	30_40	-	washed	- ·
-	40_50	9	-	: - :
	50_60	_	12	
_	60_70	_	_	-
_	70_80	:=1	_	3 2
-	80_90	-	_ ,	2=0
)	90_100	¥	-	
	100_110			12_1
_	110_120	_	_	_
_	120_130	_	_	_
_	130_140	_	. 2	_
1-11	140_150	-	=	-
-	150_160	-	_	-
	160_170	-	-	
-	170_180 180_190	-	-	-
-	190_200	-	-	
_	200_210	_	_	.=.
_	210-220	=	_	_
_	220 - 240	_	-	1-
-	240-253	_	=	1-1
-	-	-	-	-
=	-	-	-	-
-	- -	-	=	_
) -	-	_	-	=
_	-	-		-
1000			_	_

OWNER: Prince George School Board DRILLER: Mitchell Pump & Well Co.

LOCATION: Prince George County (Prince George)

TOTAL DEPTH: 253'

VDMR # 942 WWCR # 147

GEOLOGIC LOG

Columbia g	roup (0-6	(06
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1-10	Silt-red, brown, purple, gray, variegated, indurated
10-20	Silt-yellowish brown to white, moderately indurated, collophane, muscovite
20-30	Sand-yellowish brown, feldspathic, coarse to very fine grained, subangular to subrounded, tourmaline, muscovite, garner
30-40	Sand-white to yellowish brown, feldspathic, predominately granule to fine grained, some pebble size fragments, subangular to subrounded, muscovite, garnet, tourmaline
40-50	Sand-feldspathic, yellowish brown, medium to fine grained, subangular to subrounded, muscovite, glauconite, tourmaline
50-60	As above

Pamunkey group (60-110) ?

60-70	Siltstone-light green, arenaceous, muscovite, shell fragments
70-80	Sandstone-light green, friable, coarse to very fine grained, subangular to subrounded, echinold spines.
80-90	Sandstone-green, friable, silty, coarse to fine grained, angular to subrounded, shell fragments
90-100	As above, with glauconite & collophane
100-110	Siltstone-light green, arenaceous, friable, some granule to coarse grains, angular to subrounded quartz, muscovite, shell fragments

Potomac group (110-200)

110-120	Sand-light gray, silty, granule to very fine grained,
	angular to subrounded, weathered pyrite, muscovite,
	garnet, chlorite, & epidote

120-130 As above 130-140 As above

140-150	As above
150-160	As above
160-170	As above
170-180	As above
180-190	Sand-white, granule to medium grained, angular, garnet, muscovite, weathered pyrite, epidote
190-200	Sand-light gray, silty, granule to very fine grained, angular to subangular, muscovite, garnet, glauconite, epidote, weathered pyrite
Granite wash (200	0-253')
200-210	Gravel & granite wash-white to light gray, granule to medium grained, angular to subangular quartz & feldspar fragments with garnet, muscovite, epidote, weathered pyrite
210-220	As above
220-240	As above
240-253	As above

GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-60	Columbia group	Pleistocene
60-110	Pamunkey group ?	Eocene
110-200	Potomac group	Cretaceous
200-253	Granite wash	Precambrian ?

Virginia Division of Mineral Resources Roger C. Wilkenloh - Geologist Feb. 24, 1964