W #2348 C #143

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

COLOR AL		
B	3667	

JAMES L. CALVER, COMMISSIONER

McCormick Road

lottesville, VA 22903 WATER WELL COMPLETION REPORT Charlottesville, Virginia (oly roles assumed of P. O. Box 301 OWNER: Fauquier County Public Schools Mailing Address: Warrenton, Virginia 22186 TENANT: G. W. Coleman El. Sch., Well #4 Mailing Address: Marshall, Virginia Valley Drilling Corp. DRILLER: H. L. Singhas, President Mailing Address: Middleburg, VA 22117 WELL LOCATION: County Fauquier Approx 900 feet west (direction) of and 1/4 xfrentx when we will be with the work with the work with the work of the work with the work wi St. Road 709 (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: Sept. 17, 1968 DATE COMPLETED: Sept. 27, 1968 TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 247 feet Stands 65 feet below surface OR WATER LEVEL: has NATURAL flow of______gallons per minute. YIELD TEST: Method __ air-lift HOLE SIZE: 14 inches from 0 to 53 feet Drawdown _____165 __feet ____6_inches from 53___to 247__feet Rate 60 gal. per min. ____inches from ____to ___feet Duration 25 hrs., 0 min. SCREEN SIZE:_____inches from _____to ____feet None used: WATER ZONES: from 200 to 201 feet _inches from _____to ____feet from 210 to 211 feet _inches from _____to___ CASE SIZE: 611 inside diameter galvanized from 230 to 231 feet ____inches from_+1_to__54_feet weighing 19 1/4 lb. per ft. WATER: Color Clear Taste Good ____inches from___to___feet Odor None Temp. 56 °F ____inches from ____to___feet GROUTING: Method ___pressure WELL TO SUPPLY: (check one) Home __ Material cement Depth 53 feet Farm _____ Town ____ School __ X PUMP: Industry____Other___ Туре _____ WATER ANALYSIS AVAILABLE: Yes X No _____ Capacity_____gal. per min Depth of intake ____ Yes_25_No____ 230 feet DRILL CUTTINGS SAVED: (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT, SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.) ARKS:

Valley Drilling Corp.

FURNISHED BY: H. L. Singhas, Pres.

DATE: Nov. 4, 1968

DEPTH (feet) TYPE OF ROCK OR SOIL PENETRA (-gravel, clay, etc., hardness, color, etc.)		CONTRACTOR OF THE PROPERTY OF			
O	20	Topsoil, clay Solid rock - greenish blue Dark green granite Water bearing. Crevices encountered @ 200' (3 gpm		As 2 x Man Grand Constant Consults	
20 200	200 230 SS			Water bearing. Crevices encountered @ 200' (3 gpm), 210' (17 gpm) and 230' (45 gpm).	
230	247	Greenish blue-rock	Fil. ban	St. Ruad 709	
NO - 2	Rivens, Er			GIVE DIRECTION AND DISTANCE IN FEET OR COUNTY HISHWAY OR OTHER MAR.)	
	8961	DATE COMPLETED Sept. 27,	8.6	MATE STARTED: Sapt. 17, 12	
fs 9)	247		yraioz zid	TYPE OF DRILL RIG USED	
		80 espinus	wolod tos	VATER LEVEL: Stonds 65_1	
		studin vag amollog	_10 Vol3	ARUTAN SON	
(-1.0)	0 16 53	HOLE SIZE 14 mores from		MELD TEST Method six-lift	
(unit_i	48 , 8	S most senson A	(se	Drawdown 165 +	
fget	- 61	mant season	ni	n 199 100 00 910F	
DST	01	SCREEN SIZE		Duration 25 hrs., 0 a	
571	0.1	None used:	201 1001	MATER ZONES: 110m 200 10	
leelfeel	01			rom210_10	
ised Allee	ir galvar 1 10 - 2	CASE SIZE 6" inside diamet	100	110m 230 10.	
		weigning 19 1/4 th	bo	WIER Color Clear Tours Go	
991		inches from	30	Oder None Temp.	
		GROUTING Methodpressure		ELL TO SUPPLY (check one) Home	
691	ў.д	nac <u>Joannes</u> InnereM		FarmTownSchool	
				inductry	
nim 160	log		9.7	ATER ANALYSIS AVAILABLEIVELE	
			M TOOR OF TA	RILL CUTTINGS SAVED: YEAR RELL CUTTINGS SHOULD BE COLLECTED OFFICE EXPRESS COLLECT SAMPLE BAGS	
				OARKS:	

R3VO (Use additional forms if necessary)

INTERVAL SHEET

Page 1 of 1

C #143 VDMR Well No: 2348

Date rec'd: 12/17/68

Sample Interval: from 0 to: 247'

PROP: Fauquier County Public Schools

Number of samples: 25

COMP:

G. W. Coleman El. Sch., Well #4 Valley Drilling Corporation

Total Depth: 247'

COUNTY:

Fauquier (Marshall)

Oil or Gas: Water:XExploratory:

Fro	m-	То	From-To	From-To	From-To
0		10	-	_	-
10		20	-	1 - 9	-
20	**	30	-	-	_
30	-	40	-	: :	-
40	-	50	-	(-)	-
50	24.0	60	~	-	_
60	cas	70	-		-
70	~	80	-	-	-
80	-	90	-	-	-
90	**	100	-	-	-
100	-	110	-	-	=
110	•	120	-	-	-
120	000	130	-	-	-
130	420	140	-	-	-
140		150	-	-	-
150	~	160	-	-	-
160		170	-	_	-
170	***	180	-	N/A	-
180		190	-	-	_
190	***	200	-	-	-
200	KD	210	-	-	=
210	-	220	-	-	=
220	**	230	-	-	-
230	***	240	-	-	-
240	622	247	-	=	<u> </u>
	-		-	_	_
	-		-	400	-
	650		~	-	皇
			-	-	-
			.	-	-

Unwashed samples only, not enough to split.

OWNER: Fauquier County Public Schools

G. W. Coleman El. Sch., Well #4

DRILLER: Valley Drilling Corporation

COUNTY: Fauquier (Marshall)

W #2348 C #143

TOTAL DEPTH: 247'

GEOLOGIC LOG

De	pth
in	feet

120-130

130-140

140-150

SAPROLITE (0-20')

0-10	Saprolite - tan, weathered and iron-oxide stained;
	fragments of quartz, mica, feldspar and clay

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MARSHALL FORMATION (20-247')			
20-30	Granite gneiss — gray to light gray; fine to medium grained, crystalline, granular, foliated and sheared; feldspar and quartz, with minor amount of biotite and traces of garnet and magnetite		
30-40	п		
40-50	11		
50-60	n		
60-70	311		
70-80	и		
80-90	п		
90-100	TI .		
100-110	TT .		
110-120	11		

OWNER:	Fauquier County Public Sci. G. W. Coleman El. Sch.,	
150-160	grained, cry sheared; feld	ay to light gray; fine to medium stalline, granular, foliated and spar and quartz, with minor otite and traces of garnet and magnetite
160-170	11	
170-180	11	
180-190	11	
190-200	п	
200-210	п	
210-220	Ü	
220-230		ncrease in amount of biotite; traces phiboles, epidote and pyrite
230-240	ш	
240-247	п	
	GEOI	LOGIC SUMMARY
	Rock Unit	Age

0-201

20-2471

Saprolite

Marshall Formation

Virginia Division of Mineral Resources Robert G. Willson, Geologist December 20, 1968

Precambrian