INTERVAL SHEET WWCR 74

Pare 1 of 1 VDMR Well No: 2150

Date rec'd: 3/5/68 Sample Interval: from 0 to: 425'

PROP: Dept. of State Police (Fancy Hill Station) Number of samples: 42

COMP: F. W. Martin Drilling Co. Total Depth: 425'

COUNTY: Rockbridge (Fancy Hill) Oil or Gas: Water: XExploratory:

	From-To	From-To	From-To	From-To
	0 - 10	300 - 310	-	-
	10 - 20		-	-
	20 - 30		-	-
	30 - 40		-	-
	40 - 50	340 - 350	-	-
	50 - 60	350 - 360	-	-
	60 - 70	360 - 370	-	-
	70 - 80	370 - 380	-	-
\bigcirc	80 - 90	380 - 390	-	-
\mathcal{O}	90 - 100	390 - 400	-	-
	100 - 110	400 - 410	-	- -
	110 - 120	410 - 425	-	-
	120 - 130	-	-	-
	130 - 140	-	-	-
	140 - 150	-	-	- '
	150 - 160	-	-	-
	160 - 170	-	-	-
	170 - 180	-	-	-
	180 - 190	-	-	-
	190 - 200	-	-	<u>.</u>
	200 - 210	-	-	-
	210 - 220	-	-	-
	220 - 230	-	-	-
	230 - 240	-	-	-
	240 - 250	-	-	-
	250 - 260	-	-	-
_	260 - 270	-	-	-
\mathbf{O}	270 - 280		-	-
•	280 - 290		-	-
	290 - 300		-	-

OWNER: Commonwealth of Virginia

Department of State Police

DRILLER: Frank W. Martin Drilling Co., Inc.

COUNTY: Rockbridge (Fancy Hill)

VDMR: 2150 WWCR: 74

TOTAL DEPTH: 425'

GEOLOGIC LOG

		·
Depth in feet		
0-10	_	few silt-sized quartz grains, and gray dolomite fragments
10-20		ray, fine-grained, microcrystalline, us; weathered to yellow color along lanes
20-30	II .	
30-40	н	
40-50		medium-grained, crystalline, very
50-60	u	
60-70	11	with some arenaceous dolomite; trace of pyrite
70-80	ŧī	
80-90	tt	
90-100	п	
100-110	Dolomite medium-gr very argillaceo	ay, fine-grained, microcrystalline, us
110-120	н	with some vein dolomite
120-130	11	II .
130-140	11	
140-150	11	
150-160	п	with some vein dolomite
160-170	Dolomite - dark-gray, argillaceous	fine-grained, crystalline, very
170-180	11	slightly arenaceous; some vein dolomite

OWNER:	Commonwealth of Virgi	nia, Dept. of	f State Police	#2150
180-190	Dolomite — medium minor amou	m-gray, fine int of pyrite	-grained, micro	crystalline;
190-200	tt	with tra	ice of pyrite	
200-210	tt	11		
210-220	ff	11		
220-230	H	tt	and a few dark-gray	fragments of dolomite
230-240		tt		fragments of mite and dolomite
240-250	Dolomite — mediur very argilla and dolomit	aceous; some	grained, micro fragments of st	=
250-260	11			
260-270	-	s; some frag	n-grained crysta ments of fine-gr te; trace of pyri	ained,
270-280	17			
280-290	11	fragmer	nts of vein dolom	nite
290-300	u	11		
300-310	п			
310-320	Dolomite — dark-g very argilla	•	-grained, cryst	alline,
320-330	-		fragments of da	
330-340	11			
340-350	Ħ			
350-360	11			
360-370	U	with tra	ce of pyrite	
370-380	11			

OWNER:	Commonwealth of Virginia, Dept. of State Police #2150
380-390	Dolomite — dark-gray, fine- to medium-grained, crystalline, very argillaceous; fragments of vein dolomite
390-400	Ħ
400-410	11
410-425	п

GEOLOGIC SUMMARY

	ROCK UNIT	AGE
0-102	Overburden	
10-4251	Conococheague Formation	Cambrian

Virginia Division of Mineral Resources W. W. Winters, Geologist March 11, 1968

COMMONWEALTH OF VIRGINIA

VDMR: 2150 WWCR: 74

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

B 3667

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

C. lottesville, VA 22903

WATER WELL COMPLETION

REPORT

Charlottesville, Virginia

OWNER: Commonwealth of Virginia	Mailing Address: Richmond, Virginia
TENANT: Dept. of State Police	
	5163 Starkey Rd., SW
DRILLER: Frank W. Martin Drilling Co., Inc.	Mailing Address Roanoke, Virginia
	Approx. 1 miles north (direction) of
Fancy Hill on U.S. Highway 11 and 200	feet east (direction) of U.S. Hwy. 11
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TO COUNTY HIGHWAY OR OTHER MAP.)	WO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 2/9/68	DATE COMPLETED: 2/13/68
TYPE OF DRILL RIG USED: air rotary	TOTAL DEPTH 425 feet
WATER LEVEL: Stands 45 feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of	gallons per minute.
YIELD TEST: Method Pump	HOLE SIZE: 10 inches from 0 to 56 feet
Drawdown feet	5_inches from _56to _425feet
Rate 9 gal. per min.	inches fromtofeet
Duration 24 hrs., 0 min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 70 to 75 feet	inches fromtofeet
from 380 to 400 feet	inches fromtofeet
fromtofeet	CASE SIZE: 5 inches from 0 to 56 feet
WATER: Color_Clear_Toste	inches fromtofeet
OdorTemp56_ °F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method Pumped
Farm Town School	Material Cement Depth 56 feet
IndustryOther_St. Police office	PUMP: Type Submersible
WATER ANALYSIS AVAILABLE: YesNo_X	Capacity9gal. per min
DRILL CUTTINGS SAVED: Yes X No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT I OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED	
MARKS:	

FURNISHED BY: Frank W. Martin Drilling Co. Inc. DATE: March 4, 1968

DEPTH (feet)		TYPE OF ROCK OR SOIL PENET	REMARKS					
FROM	ТО	(gravel, clay, etc., hardness, color	(water, caving, shot, screen, sample, etc.)					
0	15	. To control told		TERRANTE DAME. O. S. S. S. Poli				
15 to (notes	425	Limestone		Water at 70'-75' and				
11	J. S. Hwy	to (notionis). Jako isst		Fancy Hill on U.S. Highway				
ИО -90	PP (BASVIP	O REFERENCE POWTS, FONDS, TOWNS	NT MOST STIM	(GIVE DRECTION AND DISTANCE IN FEET OF COUNTY HIGHWAY OR OTHER MAP)				
		NATE GOMPLETED: 4/13/63		DATE STARTED2/5/68				
feet	425	нтезо ратоі	7.3502.2	TYPE OF OPILL HIS USES.				
		and Alexander	wid-190 vse	WATER LEVEL CHARGE 1521				
		ginim ieo acollog		A PU TAKI PER				
te et li d	0 11 5	HOLE S125. 10 mones de a		VILLO 1 FOL Wellow Total O'BIA				
1901	St	Support section 5		•1				
teet		mont serion		Part of the part o				
1891		SCRIEN SIZESuch as had a		S norman				
taat	01	mest 200 ani	[e o]	WALE & 200822 How				
1931		most readons		0.80				
1991		CASE 175, 5 Lingues from		C 2				
1001				To 10 Jun 951A				
		dioi) = escon	g. 33	I .				
1001				to SC 1				
		GROBELLIS Method Trumbed		WELL TO SUPPLY I officer ones floric				
100)				Form School				
	9.	PUND Type Submetsib	5, (1,0,5)	of the torus of the St. Poll.				
oer min	700	9-20-19-19-19-19-19-19-19-19-19-19-19-19-19-		WATER ANALYSIS AVAILABLE TELL				
1991 <u></u> 2)HT	РСЕ от овенна			DRILL GUTTINGS SAVED YESLIG (DRILL GUTTINGS SHOODS US GOLLEGIED OFFICE EXPRESS COLLEGY SAMELE HAGS				
				O ARKS				

INTERVAL SHEET WWCR 74

Pare 1 of 1

VDMR Well No: 2150

Date rec'd: 3/5/68

Sample Interval: from 0 to: 425'

PROP: Dept. of State Police (Fancy Hill Station)

Number of samples: 42

COMP: F. W. Martin Drilling Co.

Total Depth: 425'

COUNTY: Rockbridge (Fancy Hill)

Oil or Gas: Water: XExploratory:

From-	То	From	- T o	Fro	m-To		E	rom.	-To
0 -	10	300 -	310		_			_	
10 -	20	310 -			_			-	
20 -	30	320 -			_			_	
30 -	40	330 -			_			_	
40 -	50	340 -			_			_	
		0 1 0							
50 -	60	350 -	360		_				
60 -	70	360 -			_			_	
70 -	80	370 -			_			_	
80 -	90	380 -			_			_	
90 -	100	390 -			_			_	
, 0	100	3,0	100						
100 -	110	400 -	410		_			_	
110 -	120	410 -			_			_	
120 -	130	-	123		-			_	
130 -	140	_			_			_	
140 -	150	_			_			_	
110	130								
150 -	160	-			-			_	
160 -	170	_							
170 -	180	_						_	
180 -	190	-			-			-	
190 -	200	_			-			_	
- / 0	_ 0 0								
200 -	210	_			-			_	
210 -	220	_			_			_	
220 -	230	-			000			_	
230 -	240	-			-			_	
240 -	250	_			-			_	
250 -	260				-			-	
260 -	270	_			-			_	
270 -	280	-						_	
280 -	290	-			-			_	
290 -	300				-			_	
-, -									

All intervals have both washed and unwashed samples