COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

P 3667 JAMES L. CALVI	NERAL RESOURCES ER, COMMISSIONER OMPLETION REPORT Charlottesville, Virginia
Noticed Double Commission	Mailing Address: Luray, Va.
(SNP - Pinnacles #2)	Mailing Address:
DRILLER: C. R. Moore Well Drilling Co.	- Mailing Address Charlottesville, Va.
WELL LOCATION: CountyMadison	Approx. 70 feet south (direction) of
Well #1and	feet miles north (direction) of Skyline Drive
COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 10/27/71	DATE COMPLETED: 10/28/71
TYPE OF DRILL RIG USED: Air Rotary	TOTAL DEPTH145feet
WATER LEVEL: Stands 19 feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of_	gallons per minute.
YIELD TEST: Method air lift	HOLE SIZE: 10 3/4nches from 0 to 60 1/2 feet
Drawdown feet	6inches from 60 1/2 to 145feet
Rate 12 gal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 50 to 51 feet	inches fromtofeet
from 67 to 68 feet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from +1 to 60 1/2 feet
WATER: ColorTaste	inches fromtofeet
Odor	inches fromtofeet
WELL TO SUPPLY:(check one) Home	GROUTING: Method
FarmTownSchool	Material cement & waterin 60 1/2 feet
IndustryOther_Government	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo	Capacitygal. per min
ORILL CUTTINGS SAVED: Yes 29 No ORILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISH	Depth of intakefeet INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS HED FREE OF CHARGE UPON REQUEST.)
AARKS:	

COMMONWEALTROOLS VIRGINIA

FURNISHED BY: Ollie V. Gibson DATE: 10/1/71

W# 32 PB

DEP (fe	PTH cantol rov	TYPE OF ROCK OR SOIL PENET	RATED	FISTAW REMARKS
FROM	то	(gravel, clay, etc., hardness, color		(water, caving, shot, screen, sample, etc.)
0 5 56 120	5 56 120 145		gyi	TENANT' (SNP - Timasoles #2) ORILLER G. R. Moore Well Drill VELL LOCATION: County - Madison
avis	O anihol	R to Inditabile 1200 agim	1	
		WO REFERENCE POINTS - REALS, TOWNS,	MILES FROM T	SIVE DIRECTION AND DISTANCE IN FEET OR COUNTY HIGHWAY OR STHER WAR.)
		DATE COMPLETED: 10/28/71		ATE STARTED: 10/27/71
fast	145	BT930 JATOT	Stary	YPE OF DRILL RIGUSED. AIT IL
		surtoes <u>OE</u> .	wolld fee	ATER LEVEL: Sideds 19
			tc_woll _	NOS NATURA
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				7 ð
12 100	08., I	CASE SIZE & Inches Iron-		
lani	0.1			ATER: Color
est				
12 Tax	100	Meterial cement & water		ELL TO SUPPLY ! check one) lown Farm
W 1	0.0		2	industryOther Governm
				ATER ANALYSIS AVAILABLE. hs
PHIS	T CHARLE	Damin of wake WIERVALS THESE SAMPLES MAY BU TO FREE OF CHAPGE UPON REGUEST	AT 10 FOOT 1	RILL CUTTINGS SAVEO: Yes 2 PRILL CUTTINGS SHOWLS BE COULETTED PRICE EXPRESS COLLECT SAMPLE BAG
			1	O A R K S
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VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1	of 1	C-66 Well Repository No: 3288
Date rec'd:	11/5/71 : processed 11/9/71	Sample Interval; from 0 to; 145'
PROPERTY	National Park Service (SNP - Pinnacles #2)	Number of samples: 29
COMPANY:	C. R. Moore Well Drilling Co.	Total Depth: 145'

COUNTY: Madison (Syria) Oil or Gas: Water: xExploratory:

1					
	From-	То	From-To	From-To	From-To
	0_	5	125 - 130		-
	5 _	10	130 - 135	8 — 10	28
	10_	15	135 - 140	:=:	-
	15-	20	140 - 145	:=:	-
	20-	25	9 5 3		=
)	25_	30	8 <u>14</u> 8	=	-
	30-	35	0 0		-
	35_	40	(=)	5 3	
	40 -	45	:	S	#
	45-	50	* = *	~	끧
	50-	55	8 = 0		· ·
	55-	60	\$ _	=	=
	60-	65	1	= :	-
	65-	70	y=x	-	0 17 1
	70-	75		5 6	#
	7.5	0.0			
	75-	80	2 k	_	-
	80-	85	11—91	=	-
	85-	90	% - *	=	
	90-	95	-	=	=
	95-	100	원 <u>리</u> 아	-	-
	1.00	105			
	100-	105	, <u>-</u>	-	1 57
	105-	110	A=0	-	-
	110-			8	42
		120	-	_	-
)	120-	125		-	(me)

All intervals have both washed and unwashed samples

OWNER: National Park Service (SNP - Pinnacles #2)

DRILLER: C. R. Moore Well Drilling Co.

COUNTY: Madison (Syria)

W# 3288 C# 66 T.D. 145'

GEOLOGIC LOG

Depth (in feet)

OVERBURDEN (0-55')

0-5 Weathered granodiorite — light to dark brown; abundant clear to opaque quartz, potassium feldspars, kaolinite, and a minor amount of muscovite and ilmenite

5-10	11
10-15	11
15-20	11
20-25	11
25-30	п
30-35	11
35-40	11
40-45	11
45-50	11

PEDLAR FORMATION (55-145')

11

11

Granodiorite — light to dark greenish-gray, medium to large crystalline; clear to opaque quartz, potassium feldspars, muscovite, biotite, ilmenite and traces of magnetite and hornblende; a few fragments of weathered material

60-65

50-55

OWNER:	National Park Service (SNP - Pinnacles #2)	-2-	W# 3288 C# 66
65-70	crystalline; clear to muscovite, biotite,	o greenish-gray, medium to o opaque quartz, potassium ilmenite and traces of mag cagments of weathered mate	feldspars, netite and
70-75	II		
75-80	п		
80-85	п		
85-90	II.		
90-95	п		
95-100	п		
100-105	11		
105-110	11	×	
110-115	11		
115-120	clear to opaque qua	green to brown, medium ortz, potassium feldspars, ragnetite and hornblende	
120-125	11		
125-130	" with fine c metabasalt	rystalline, light gray to pur	ple
130-135	11 11		
135-140	clear to opaque qua	c green to brown, medium ortz, potassium feldspars, ragnetite and hornblende; m	nuscovite,
140-145	n		

-3-

W# 3288 C# 66

GEOLOGIC SUMMARY

Thickness (ft)

Rock Unit

Age

0-551

Overburden

55-145'

Pedlar Formation

Precambrian

* Metabasalt from the 125 to 135-foot interval is probably a feeder dike for the Catoctin Formation

Virginia Division of Mineral Resources E. B. Nuckols III, Geologist November 29, 1971