## COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER B 3667

OFFICE ADDRESS:

McCormick Road

Complete value of the completion of the completi

Charlottesville, Virginia

	OWN EL TION INEL ON I
Dept. of Conserv. & Econ. Develop.  OWNER: Division of Parks	Mailing Address: Richmond, Virginia
TENANT: Occoneechee State Park, Well #2	
	Mailing Address: Drawer A-E, Victoria, VA 23974
	Approx. 1 1/4 **Mest NE (direction) of
Clarksville and 1/2	2 xfeetx S (direction) of U.S. Hwy. 58
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM T COUNTY HIGHWAY OR OTHER MAP.)	
DATE STARTED: March 17, 1971	DATE COMPLETED: March 23, 1971
TYPE OF DRILL RIG USED: Rotary Air	
WATER LEVEL: Standsfeet below	
has <u>NATURAL</u> flow of_	gallons per minute."
YIELD TEST: Method *	HOLE SIZE: 6 1/4 inches from 0 to 350 feet
Drawdown feet	inches fromtofeet
Rategal. per min.	inches fromtofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 1/4 inches from 0 to 4 feet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method
Farm Town School	Material Depth feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes 35 No	Depth of intakefeet
(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT I OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHI	
AARKS: * This was a completely dry hole	
	·

FURNISHED BY: C. C. Powell and Sons, Inc. DATE: April 13, 1971

aCornide Rood norlottesHTTQIrgima				REMARKS PRINCE
(feet)		( gravel, clay, etc., hardness, color,		REMARKS (water, caving, shot, screen, sample, etc.
FROM	ТО	Wanted States Richmond, Vicale		eurse to eciavid
3/07	ANIQ of	Sandy clay a soll season a souline	Well #2	ENANT Coconnected State Fark.
10	20	white graver		
20	30	Grayish white	ne.	RILLER C. C. Powell and Sums.
30	40	U CETA KIERK	3170	ELL LOCATION: 5 samp Mecklosb
40	50	E.		
8 <b>5</b> 0.v	H 60 U	10 Munication S service 27	J s in	Clarkwille
60	70	0 507		IVE DIRECTION AND DISTANCE IN FEET OR
70	80	Forest in federal - Silaton Die Segment Adie	Acres Landing	OUNTY HIGHWAY DR CTHER MAR!
80	90	ME AND IN		JE STARTED: March 17, 197
90	100	CATE COMPLETED: WELLETED:		
100	110	TOBC JATOT	1 1 V	ROTAL RIG WIED (Lota)
110 120	120	O.		
130	140	NO Aprilia	wolled test	ATT & LEVEL: Signer
140	150	374		
150	160	golions per minute "	in vois	
160	170	Gray to black		IELD TEST: Merhad *
170	180	ii		
180	190	- ment sedani-	tea	nwa-bwe-ti
190	200	nill it same		neg lup ern#
200	210	Gray to black and hard		100 100
210	220	Blue granite	Air	n
220	230	11		
230	240	inches train	IS at	ATER ZONES: tromto
240	250	months from		mart .
250	260	ti	1 9/5 (	10 Q 31
260	270	CASE SIZE 6 1/1 metes from	1991	0.1 mor5
270	280	11)		
280	290	_man variani		ATER Color
290	300	most asded	98	quo
300	310	11		14,010
310	320	GROUTING WARRAN		ELL TO SUPPLY Isherk one) Home
320	330	H .		
330	340	ed III		FurmSchoo
340	350	POMPL Type		IndustryOther
	lop		o W	WER ANALYSIS AVAILABLE TA
				e
197				ILL SUTTINGS SAVED! Yes
S)HT (				RILL CONTINGS SHOULD BE COLLECTED
	1	reareast Note: General at 1983 (198		TELLE EXPRESS COLLEGE SAMPLE BAG
			alon yan y	ARKS: * This are a complete.
		gavo (Use additional forms		

## VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

## INTERVAL SHEET

Page 1	of 1	C-87 Well Repository No: 3137		
Date rec'd: 4/16	5/71 : processed 4/21/71	Sample Interval; from 0 to: 350'		
PROPERTY: Va. Div. of Parks		Number of samples: 35		
	cconeechee State Park #2)	Total Depth: 350'		

COUNTY: Mecklenburg (Clarksville) Oil or Gas: Water Exploratory:

J					
100	From	m-To	From-To	From-To	From-To
	0	_ 10	250 _ 260	-	₩.
	10	_ 20	260 _ 270	=	<del>=</del>
	20	_ 30	270 _ 280	_	_
	30	_ 40	280 _ 290	-	-
	40	_ 50	290 _ 300	-	-
)	50	_ 60	300 _ 310	_	_
1	60	_ 70	310 _ 320		
	70	_ 80	320 _ 330		_
	80	_ 90	330 _ 340		_
	90	_ 100	340 _ 350		
	100	110			
	100	_ 110	-	-	-
	110	_ 120	<del>-</del>	-	≅.
	120	_ 130	₩	=	832 550
	130	_ 140	* ( <del>-</del>	-	~
	140	_ 150	-	-	-
	150	_ 160	<u> </u>	_	<u>~</u>
	160	_ 170	_	_	_
	170	_ 180	_	-	_
	180	- 190	_	-	-
	190	_ 200	_	9	
	200	_ 210	-	_	_
	210	_ 220		-	-
	220	_ 230		-	<del>-</del> -
	230	- 240	=	=	<u>=</u>
)	240	_ 250	-	122	
10					

All intervals have both washed and unwashed samples

OWNER: Va. Div. of Parks (Occoneechee State Park, #2)

VDMR # 3137

DRILLER: C. C. Powell and Sons

WWCR # 87

COUNTY: Mecklenburg (Clarksville)

TOTAL DEPTH: 350'

## GEOLOGIC LOG

Depth (feet)			
0-10	Saprolite and biotite granite — light-tan saprolite, with quartz and muscovite; biotite granite is weathered, light gray, mediur grained, equigranular and contains quartz, biotite, greenishgray plagioclase and iron-oxide stains		
10-20	Biotite granite — as above, partially weathered		
20-30	Biotite granite — light gray, medium-grained, equigranular; with quartz, biotite, greenish-gray plagioclase, and iron-oxide stains		
30-40	III S		
40-50	with trace of apatite (?)		
50-60			
60-70	11		
70-80	with trace of apatite (?)		
80-90	11		
90-100	11		
100-110	II		
110-120	11		
120-130	ii		
130-140	m .		
140-150	n .		
150-160	11		

OWNER:	Va. Div. of Parks (Occoneechee State	-2- Park, #2)	VDMR # WWCR #	
160-170		dium feldspars,	brownish gray; w biotite, pyrite, n	
170-180	п			
180-190	11			
190-200	n			
200-210	11			
210-220	u			
220-230	11			
230-240	11			
240-250	11			
250-260	11			
260-270	ш			
270-280	п			
280-290	ū			
290-300	TI.			
300-310	n			
310-320	ü			
320-330	11			
330-340	11			
340-350	-11			
	GE	COLOGIC SUMMA	RY	
Depth (fe	et) Rock Unit	Age		
0-350	Hyco-quartz porphyry	Paleozoi	(?)	
		Virginia Divisio	on of Mineral Res	

Paul G. Nystrom, Jr., Geologist

April 23, 1971