COMMONWEALTH OF VIRGINIA

C- 213 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS: McCormick Road

P 3667

lottesville, VA 22903 WATER WELL COMPLETION REPORT

Charlottesville, Virginia

CARMAN USIN	27 27 27 27 27 27 27 27 27 27 27 27 27 2
OWNER: Carver Heights Water Co., Inc., Well #	Mailing Address P. O. Box 216, Fieldale, VA 24089
TENANT:	_ Mailing Address:
	_ Mailing Address: P. O. Box 171 Stoneville, NC
	Approx. 7 Meets west (direction) of
Martinsville 2	x test south (direction) of Fieldale
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 12/11/68	DATE COMPLETED: 12/14/68
TYPE OF DRILL RIG USED: air rotary	TOTAL DEPTH 480 feet
WATER LEVEL: Stands 40 feet below	surface <u>OR</u>
has <u>NATURAL</u> flow of.	gallons per minute.
YIELD TEST: Method air lift	HOLE SIZE: 10 1/2 inches from 0 to 108 1/2 feet
Drawdown375 feet	_6inches from 108 1/2 ₀ 480_feet
Rate8 gal. per min.	inches fromtofeet
Duration 8 hrs., 0 min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: from 414 1/2 to 415 feet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from 0 to 108 1/2 feet
WATER: ColorTaste	inches fromtofeet
Odor	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Methodgravity
Farm Town School	Material cement-water Depth 108 1/2 feet
IndustryOther_subdivision	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes 48 No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNIS	Depth of intakefeet INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS HED FREE OF CHARGE UPON REQUEST.)
ROARKS:	
Name and the second sec	

DEVELOPMENT C- 213 FURNISHED BY:

Carolina-Virginia Well Co. Inc DATE: 12/14/68

DEPTH TYPE OF ROCK OR SOIL PENETRATED		REMARKS		
ROM	TO	(gravel, clay, etc., hardness, color,		(water, caving, shot, screen, sample, etc.
0	4	Clay cambbA gaillem		ENANT:
	.40	Dirt xos .O .9	Jo., Inc.	NLLER Carolina-Virginia Wall
40 45	45 60	Sandstone		Without Course & Boursead Course
60	68	Granite boulders	S	Martinsville
68 80	80 86			IVE DISCOTION AND DISTANCE IN FEET OR
86	105	Dirt		DUNTY HISHWAY OR OTHER WAR)
105 108 1/2		Blue and gray granite		ATE STARTED 12/11/0
7091	188	HT930 JATOT	Vision)	MPE OF DRILL RIG USED MIT
-		RO sucting	woled tee	ATER LEVEL. Stonds 40 1
- 4		elania tea saollog	_le velt g	NOT NATURA
	10 10	HOLE SIZE: 10 1/2 netwo from 0		ELD TEST: Method air Mit.
	84_3/18	C_mother from 10	198	Grawdown 375 (
991			JA (n sec inp 8. sizif
191	01	SCREEN SIZE no hear from	nı	Durchion 8 brs. 0 o
291	01		415 1000	ATER ZONES: from 414 1/2 to
			trat.	
1/2 fee	80101 0	CASE SIZE b mones from		nort.
				afaut color RETE
		nones from		Tob0
0		SROUTING Merned STRVI		ELL TO SUPPLY (check one) Home -
0.01_23	T OF T	Moterial Coment-Water Dep		Farm Town School
			iton	industry Other subdivi-
Tolg	log	Capacity	N o	TER ANALYSIS AVAILABLE:Yes
BIHT I	HIRRED TO		TODA OF TA	ILL CUTTINGS SAVED YOURS RILL CUTTINGS SHOULD BE COLLECTED FICE EXPRESS COLLECT SAMPLE BAGS
				PARKS

VIRGINIA DIVISION OF MINERAL RESOURCES INTERVAL SHEET

ge 1 of 1

Well Repository No: W-2408

Date rec'd:

1/16/69

Sample Interval: from 0 to: 480'

PROP: Carver Heights Water Co., Well #3

Number of samples: 48

COMP Carolina-Virginia Well Co.

Total Depth: 480'

COUNTY: Henry (Fieldale)

Oil or Gas: Water: XExploratory:

	5			
Fro	m-To	From-To	From-To	From-To
0	- 10	300 - 310	-	_
10	- 20	310 - 320	/ -	
20	- 30	320 _ 330	-	-
30	- 40	330 - 340	(-)	=
40	- 50	340 - 350	(-)	
50	- 60	350 - 360	21 - 2	-
60	- 70	360 - 370	(-)	N.20 575
70	- 80	370 - 380	120	
80	- 90	380 - 390	#c	=
90	- 100	390 - 400	-	-
100	- 110	400 - 410	<u> </u>	_
110	- 120	410 - 420	25 240	æ
120	- 130	420 - 430	-	쯽
130	- 140	430 - 440	1000 2000	(a) (a)
140	- 150	440 - 450	© C	-
150	- 160	450 - 460	-	
160		460 - 470		
	- 170 180	470 - 480		_
170	- 180	- 400		_
180	- 190	-	_	-
190	-200	-	-	_
200	-210		-	-
210	-220	=	<u> </u>	- /
220	-230	-	-	-
230	-240	-	-	=
240	-250		76.7 77.5	Œ
250	-260	~	-	i m
260	-270	~	-	. -
270	-280	-		π'
280	-290	=	12 1 <u>22</u>	- 2
290	-300	_	-	-

All intervals have both washed & unwashed samples.

OWNER: Carver Heights Water Co., Inc., Well #3

W-2408

DRILLER: Carolina-Virginia Well Co., Inc.

C- 213

COUNTY: Henry (Fieldale)

TOTAL DEPTH- 4801

GEOLOGIC LOG

Depth in feet	
0-10	Saprolite - reddish-brown, sandy, micaceous
10-20	Π
20-30	" with weathered fragments of biotite gneiss
30-40	п
40-50	Saprolite — tan, sandy, micaceous; fragments of weathered biotite gneiss and vein quartz
50-60	III
60-70	11
70-80	11
80-90	" very micaceous
90-100	II II
100-110	Biotite gneiss — medium gray, fine grained, well foliated, micaceous; quartz, feldspar, biotite, sericite, and traces of garnet and vein quartz
110-120	11
120-130	" some snowball garnets
130-140	11
140-150	11
150-160	11
160-170	11
170-180	π

OWNER:	Carver Heights Water Co., Inc., Well #3 W-2408
180-190	Biotite gneiss — medium gray, fine grained, well foliated micaceous; quartz, feldspar, biotite, sericite, and traces of garnet and vein quartz
190-200	ш
200-210	Diabase (?) — dark gray, very fine grained, massive; hornblende (?) and feldspar
210-220	with small amount of white vein quartz
220-230	п
230-240	11
240-250	п
250-260	TI .
260-270	п
270-280	Biotite gneiss — medium gray, fine grained, well foliated, micaceous; quartz, feldspar, biotite, sericite, and traces of garnet and vein quartz; some garnets show rotation
280-290	II .
290-300	TI .
300-	TI .
310-320	m ₁
320-330	II .
330-340	· · ·
340-350	with a few fragments of pyrite-rich sericite schist
350-360	tt
360-370	TI .
370-380	11

OWNER:	Carver Heigh	ts Water Co., Inc., Well #3	W-2408
380-390	Biotite	gneiss — medium gray, fine grained, micaceous; quartz, feldspar, biotite, s traces of garnet and vein quartz; some show rotation	sericite, and
390-400	Biotite	gneiss — medium gray, fine grained, micaceous; quartz, feldspar, biotite, straces of garnet and vein quartz; som show rotation; small amount of silliming gneiss and few fragments of sillimanic	sericite, and e garnets anite in the
400-410		п	
410-420		11	
420-430		п	
430-440		11	
440-450		п	
450-460		11	
460-470		п	
470-480		п	
		CEOI OCIC SIIMMADV	

GEOLOGIC SUMMARY

Rock Unit		Age	
0-1001	Saprolite		
100-4801	Biotite geniss	Precambrian (?)	

Virginia Division of Mineral Resources T. M. Gathright, Geologist January 21, 1969