COMMONWEALTH OF VIRGINIA

W# 4906 C# 225

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road Charlottesville, Virginia

C. lottesville, VA 22903 WATER WELL CO	MPLETION REPORT Charlottesville, Virginia
OWNER: L.J. Cromer	Mailing Address: RT 1 Box 17036 Colonial Hghts, VA.
TENANT:	
DRILLER: Mitchell's Well & Pump Co., Inc.	
WELL LOCATION County Chesterfield	Approxmiles
Branders Bridge Rdand	feet NOON SE OA
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO COUNTY HIGHWAY OR OTHER MAP.)	WO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: July/1977	DATE COMPLETED: July 1977
TYPE OF DRILL RIG USED: Cable & Rotary WATER LEVEL: Stands 10 feet below has NATURAL flow of	surface <u>OR</u> gallons per minute.
YIELD TEST: Method Pumped	HOLE SIZE: 12 Inches from 0 to 12 feet
Drawdown50feet pump pipe	feet
Rategal. per min.	inches fromtofeet
Duration 1 hrs., min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	inches fromtofeet
fromtofeet	inches fromtofeet
fromtofeet	CASE SIZE: 6 inches from +1 to 27'2" feet
WATER: ColorTaste	inches fromtofeet
Odor°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home	GROUTING: Method Poured in
Farm Town School	Material Cement, sand, Depth 12 feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo_XX_	Capacitygal. per min
DRILL CUTTINGS SAVED: Yes XX No (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT IN OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHE	
R. ARKS:	

LOG

L.J. Cromer

___DATE:_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS	
FROM	fpHTO: kno	(gravel, clay, etc., hardness, color, etc.)		(water, caving, shot, screen, sample, etc.	
o ial ligi	10	Tan top soil		ENANT	
40	20 30 92	Gray mud & gravel Gray rock ************************************		ELL LOCATION County Chesterfit! Branders Bridge Rd.	
10 10		TO RELEASE POINTS - ROADS, YEWNS	WIT MORE STOWN	FO TEST WE BURNEYS SHE WOLTDURG BY LAAM RAHIS BS YEWHOLH YIMUS	
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		CROUTING Welles Poured in		ELL TO SUPPLY Transi continue	
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VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page	1 of	1	Well Repository No: W# 4906
		Processed: 10/14/77	C# 225 Sample Interval: from: to: 0 92
PROPERTY:	L.J. Cromer		Number of samples: 10
COMPANY:	J.J. Mitchell		Total Depth: 92'
COUNTY:	Chesterfield (Chester)		Oil or Gas: Water: Exploratory:
From-To	From-To	From-To	From-To
- 0	-	-	<u>-</u>
0 - 10	_	; —	-
10- 20	-	-	, - :
20- 30	-	-	-
30- 40	-	-	<u>-</u>
40 - 50		-	-
50- 60	-	<u></u>	-
60- 70	-	-	-
70 - 80	-	=	=
80 - 92		-	-
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unwashed samples only

OWNER: L.J. Cromer
DRILLER: J.J. Mitchell
COUNTY: Chesterfield

W# 4906 C# 225 TOTAL DEPTH: 92' QUAD: Chester

GEOLOGIC LOG

Depth (feet)	
0	Sand very dark yellowish orange; abundant clay; medium to coarse grained, some fine grains, few granules; subangular to subrounded; moderately sorted; quartz; feldspar.
0 - 10	Clay light olive gray, dark yellowish orange, light gray; moderate sand; medium to coarse grained, few granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar.
10 - 20	Clay and gravel light gray, dark yellowish orange; 40% pebbles (4 - 10 mm); subrounded; moderately well sorted; quartz; feldspar; few flakes of muscovite.
20 - 30	Granite (weathered) — light gray; moderate clay; quartz; feldspar; 15% weathered biotite; 3% muscovite.
30 - 40	Granite (slightly weathered) - yellowish gray; slightly clayey; quartz; feldspar; 3% muscovite; few flakes of biotite.
40 - 50	Granite very light gray; quartz; feldspar; 3% biotite; 2% muscovite.
50 - 60	Granite white; quartz; feldspar; 7% muscovite; some garnet; few flakes of biotite.
60 - 70	Granite off white; quartz; feldspar; 5% muscovite; 5% biotite; 2% garnet; few grains of pyrite.
70 - 80	Granite off white; quartz; feldspar; 10% muscovite; 2% biotite; some garnet.
80 - 92	As above.
	NOTE: All samples are unwashed.

Logged by: Michael T. Currie December 26, 1978

GEOLOGIC SUMMARY

Depth (feet)	Thickness (feet)	Rock Unit	Time Rock Unit
0 - 20	20	Columbia Group	Pleistocene
20- 92	72	Petersburg Granite	Paleozoic (?)

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist December 28, 1978