W#: 4185 C#: 207

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

REPORT

B- 3667 C Stresville, VA 22903

WATER WELL COMPLETION McCormick Road

Charlottesville, Virginia

	_ Mailing Address: Matoaca Road off River Road VA
TENANT:	_ Mailing Address:
DRILLER: R.O. Gentry, Inc.	_ Mailing Address Kenbridge, VA.
WELL LOCATION: County Chesterfield	ApproxfeetSouthwest(direction) of
Colonial Heights and and	feet (direction) offst. Rt. 36, between Ettrick and Matoaca.
(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM COUNTY HIGHWAY OR OTHER MAP.)	TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC ON
DATE STARTED: 8/16/74	_DATE COMPLETED: 8/16/74
TYPE OF DRILL RIG USED: Air	TOTAL DEPTH 85 feet
WATER LEVEL: Standsfeet below	surface <u>OR</u>
has <u>NATURAL</u> flow of.	gallons per minute.
YIELD TEST: MethodAir	HOLE SIZE: 9 inches from 0 to 21 feet
Drawdown feet	
Rate8 gal. per min.	tofeet
Durationhrs.,min.	SCREEN SIZE:inches fromtofeet
WATER ZONES: fromtofeet	totofeet
fromfeet	inches fromtofeet
fromfeet	CASE SIZE: 6 inches from 0 to 21 feet
WATER: ColorTaste	inches fromtofeet
OdorTemp°F	inches fromtofeet
WELL TO SUPPLY: (check one) Home XXX	GROUTING: Method
Farm Town School	Material Depth10feet
IndustryOther	PUMP: Type
WATER ANALYSIS AVAILABLE:YesNo_xx	Capacitygal per min
DRILL CUTTINGS SAVED: Yes XXX 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

FURNISHED BY: Clarence Roark

___DATE:____

DEPTH (feet) FROM AV TO		TYPE OF ROCK OR SOIL PENE	TRATED REMARKS
		(gravel, clay, etc., hardness, colo	r, etc.) (water, caving, shot, screen, sample, etc.)
			ENANT
0	21	. Clay and gravel	gilled Westerly for-
21 70	70 85	Rock, granite	Coarse medium in vein of water
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(Use additional forms if necessary)

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

INTERVAL SHEET

I (PROF		d: Tom R.O	Smi try	Date th	6/30/74	Well Repository No: W#: 4185 C#: 207 Sample Interval: from: to: 0 85' Number of samples: 8 Total Depth: 85' Oil or Gas: Water: Exploratory:
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OWNER: Tommy L. Smith DRILLER: R.O. Gentry COUNTY: Chesterfield

W#: 4185 C#: 207

TOTAL DEPTH: 80' QUAD: Petersburg

GEOLOGIC LOG

Depth (feet)	
0 - 10	Sand light reddish brown; abundant clay; fine to coarse grained, some granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; some muscovite; few opaques.
10 - 20	Granite (weathered) yellowish gray; slightly clayey; quartz; feldspar; 7% weathered biotite; some muscovite.
20 - 30	Granite salt and pepper; quartz; feldspar; 10% biotite; few flakes of muscovite.
30 - 40	As above plus few grains of pyrite.
40 - 50	Granite medium light gray, moderate orange pink, black; equigranular; quartz; feldspar; 10% biotite.
50 - 60	As above.
60 - 70	As above except 5% biotite.
70 - 80	As above except 12% biotite.

Logged by: Michael T. Currie

OWNER: Tommy L. Smith

W#: 4185

GEOLOGIC SUMMARY

Depth	Thickness				
(feet)	(feet)	Rock Unit	Time Rock Unit		
0 - 10 10 - 80	10 70	Columbia Group Petersburg Granite	Pleistocene Paleozoic (?)		

VIRGINIA DIVISION OF MINERAL RESOURCES David A. Hubbard, Jr., Geologist December 26, 1978