## COMMONWEALTH OF VIRGINIA

W-4444 C-180

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

Box 3667

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road

Charlottesville, VA 22903 WATER COMPLETION REPORT Charlottesville, Virginia WELL Kitchen Well A OWNER: Calvary Pentecostal Church Mailing Address: Route 1, Box 100; Ashland, Va. 23005 Mailing Address: TENANT' Mailing Address Box 246; Chester, Virginia 23831 DRILLER: Water Supply Company WELL LOCATION: County Hanover Approx. 1 1/2 feet south \_\_\_\_(direction) of Ashland \_\_\_\_ and \_\_\_ (direction) of St. Rd. 626 \_ miles \_\_ (GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.) DATE STARTED: June 25, 1975 DATE COMPLETED: June 30, 1975 TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 165 feet WATER LEVEL: Stands 28 feet below surface OR has NATURAL flow of\_\_\_\_\_\_gallons per minute. HOLE SIZE: 12 inches from 0 to 36 feet YIELD TEST: Method \_\_\_air 6 inches from 36 to 165 feet Drawdown 132 feet Rate \_\_\_\_\_15 \_\_\_gal. per min. \_\_\_inches from \_\_\_\_\_to \_\_\_\_feet Duration 8 hrs., min. SCREEN SIZE:\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet WATER ZONES: from 81 to 84 feet \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet from 103 to 106 feet \_\_\_\_inches from \_\_\_\_to\_\_\_feet CASE SIZE: 6 inches from 0 to 36 feet from \_\_\_\_\_feet WATER: Color\_\_\_\_\_Taste\_\_\_ \_\_\_\_inches from\_\_\_\_to\_\_\_\_feet Odor\_\_\_\_\_Temp.\_\_\_\_61 •F \_\_\_\_inches from \_\_\_\_to\_\_\_feet GROUTING: Method yes WELL TO SUPPLY: (check one) Home \_\_\_\_\_ Material \_\_\_\_\_\_ Depth 36 feet Farm\_\_\_\_\_ Town\_\_\_\_ School\_\_\_\_ Industry\_\_\_\_Other\_Camp PUMP: Туре \_\_\_\_\_ WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_No\_\_\_\_ Capacity\_\_\_\_\_gal per min Yes\_\_ 16 No\_\_ DRILL CUTTINGS SAVED: Depth of intake \_\_\_ (DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.) REMARKS:\_\_\_\_

FURNISHED BY: \_\_\_\_\_DATE:\_\_\_\_\_

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED		REMARKS	
FROM	TO	(gravel, clay, etc., hardness, color	r, etc.)	(water, caving, shot, screen, sample, et	
0 20 35	20 35 165	Solidified rock fractures	anite rock varying from reddish-brown		
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(Use additional forms if necessary)

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

## INTERVAL SHEET

C-180
Page 1 of 1 Well Repository No.: W-4444

Date rec'd: 09/22/75 Date Processed: 08/02/76 Sample Interval: from 0 to: 160

PROPERTY: Calvary Pentecostal (Tabernacle A) Number of samples: 16

COMPANY: Water Supply Company Total Depth: 165'

COUNTY: Hanover (Ashland) Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10			_	_
10-20	_	_		-
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50-60	-	-		9 <del></del> 2
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(Tabernacle A)

OWNER: Calvary Pentecostal W#: 4444
DRILLER: Water Supply Company C#: 180
COUNTY: Hanover (Ashland) TOTAL DEPTH: 165'

TOTAL DEPTH: 165'
QUAD : Yellow Tavern

## GEOLOGIC LOG

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Depth (feet)	
0-10	Sand- very dark yellowish-orange; slightly to moderately stained; fine to coarse grained; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques.
10-20	Granite (weathered) - off -white; quartz; white potassic feld-spar; pink microcline; few flakes of biotite; muscovite.
20-30	As above plus some iron stained grains; 2% biotite.
30-40	Granite- off-white; quartz; white potassic feldspar; pink microcline; 10% biotite; few flakes of muscovite.
40-50	As above.
50-60	As above.
60-70	As above except 15% biotite; few grains of pyrite.
70-80	As above except no pyrite.
80-90	As above plus few grains of garnet.
90-100	As above.
100-110	Granite- moderate orange-pink; pink microcline; quartz; white potassic feldspar; 10% biotite; few flakes of muscovite.
110-120	As above except 7% biotite.
120-130	As above.
130-140	As above.
140-150	As above.
150-160	As above except 10% biotite.
160-165	No sample.

Logged by: Michael T. Currie May 29, 1979