

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:  
Box 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES  
JAMES L. CALVER, COMMISSIONER  
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: Guest Construction Co. Mailing Address: P. O. Box J-1 Greensboro, NC. 27402

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
DRILLER: Charles Mitchell Mailing Address: 2111 Magnolia St. Richmond, VA. 23223

WELL LOCATION: County Prince George Approx. 1000 <sup>feet</sup> ~~3000~~ NW (direction) of  
Rt. 156 and 50 <sup>xxx</sup> ~~feet~~ miles 14616 (direction) of

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 1/15/76 DATE COMPLETED: 1/20/76

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 65 feet

WATER LEVEL: Stands 16'2" feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air lift  
Drawdown \_\_\_\_\_ feet  
Rate 30 gal. per min.  
Duration 4 hrs., \_\_\_\_\_ min.

HOLE SIZE: 8 inches from 0 to 65 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
SCREEN SIZE: 4 inches from 41'8" to 61'8" feet

WATER ZONES: from 42 to 62 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 4 inches from +1 to 42 feet  
4 inches from 62 to 64 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth 30 feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry \_\_\_\_\_ Other Construction

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes  No

DRILL CUTTINGS SAVED: Yes  No

(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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





OWNER: Guest Const. Co.  
DRILLER: Sydnor Hydrodynamics  
COUNTY: Prince George

W#: 4555  
C#: 192  
TOTAL DEPTH: 65'

GEOLOGIC LOG

Depth  
(feet)

0-10 Sand — light brown; moderate clay — light brown, dark yellowish orange; coarse to very coarse grained; subrounded; moderately well sorted; quartz; feldspar; some muscovite.

10-20 Gravel — pale yellowish brown; moderate clay — yellowish brown, medium gray, dark yellowish orange; abundant fine to medium grained sand; angular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite.

20-30 Sand — pale orange; granular, some very coarse grains; subangular to subrounded; well sorted; quartz; feldspar.

30-40 Sand — grayish orange; moderate clay; medium to coarse grained, some fine grains, 5% granules; subangular to subrounded; poorly sorted; quartz; feldspar.

40-50 Sand — pale orange; slightly stained; slightly clayey; coarse to very coarse grained, some medium grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar.

50-65 Sand — pale orange; slightly clayey; very coarse grained to granular; subrounded; well sorted; quartz; feldspar.

Logged by: Michael T. Currie

GEOLOGIC SUMMARY

<u>Depth</u> <u>(feet)</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock unit</u>
0-20	20	Bacons Castle	Pleistocene
20-65	45	Moorings "Unit"	Pleistocene

VIRGINIA DIVISION OF MINERAL RESOURCES  
David A. Hubbard, Jr., Geologist  
August 25, 1978