

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

State Water Control Board

OWNER: Groundwater Research Station SE 77-1 Mailing Address: P.O. Box 11143 Richmond Va 23230

TENANT: _____ Mailing Address: _____

DRILLER: _____ Mailing Address: _____

WELL LOCATION: County City of Virginia Beach Approx. _____ ^{feet} miles _____ (direction) of _____
and _____ ^{feet} miles _____ (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: 1/20/76 DATE COMPLETED: 9/24/76

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH 232 feet

WATER LEVEL: Stands _____ feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____

Drawdown _____ feet

Rate _____ gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 6½ inches from 0 to 232 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 4 inches from 70 to 75 feet

4 inches from 97 to 102 feet

_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from 0 to 123 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

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 Observation

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes X 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: Electric log

LOG

FURNISHED BY: _____

DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
		To Be Supplied Later	

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

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 4/26/77 Date Processed: 8/9/77
 PROPERTY: State Water Control Board (TW SE-77-1)
 COMPANY: State Water Control Board
 COUNTY: Princess Anne (Va. Beach)
 Well Repository No.: C-72 W-4839
 Sample Interval: from 20' to: 235'
 Number of samples: 21
 Total Depth: 232'
 Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To	From-To
-	-	-	-	-
-	-	-	-	-
20-30	-	-	-	-
30-40	-	-	-	-
40-50	-	-	-	-
50-60	-	-	-	-
60-70	-	-	-	-
70-80	-	-	-	-
80-90	-	-	-	-
<u>90-100</u>	-	-	-	-
100-115	-	-	-	-
115-125	-	-	-	-
125-135	-	-	-	-
135-145	-	-	-	-
145-155	-	-	-	-
155-165	-	-	-	-
165-175	-	-	-	-
175-185	-	-	-	-
185-195	-	-	-	-
<u>195-205</u>	-	-	-	-
205-215	-	-	-	-
215-225	-	-	-	-
225-235	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Washed and unwashed samples.

OWNER: SWCB (TW SE-77-1)
DRILLER: SWCB
COUNTY: Princess Anne (Va. B.)

W # 4839
C # 72
TOTAL DEPTH - 155'
QUAD - Kempsville
ELEV. - 21

DEPTH
(FEET)

WELL LOG

0-20	No samples.	
20-30	Sand	- light olive gray (5Y 6/1); medium to coarse, subangular to subrounded, moderate sorting; 1% small shell fragments.
30-50	Sand	- light olive gray (5Y 6/1); coarse to very coarse, subrounded, moderate sorting; 10% shell fragments - <u>Mulinia</u> ; tube casings; bryozoa; rose quartz; crab chela.
50-80	Sand	- light olive gray (5Y 7/1); medium to coarse, subangular to rounded, moderate sorting; very rare shell fragments; feldspar; garnet; rose quartz.
80-90	Sand	- moderate brownish gray (5YR 5/1); medium to very coarse, subangular and rounded, moderate sorting; 10% shell fragments.
90-100	Sand	- light olive gray (5Y 6/1); 60% shell fragments - gastropods; echinoderm spines and plates; bryozoa; fine to medium, subangular, poor sorting; forams - <u>Quinqueloculina</u> , <u>Cibicides</u> ; rose quartz.
100-125	Sand	- light olive gray (5Y 6/1); sparse clay; fine to granule, subrounded to rounded, moderate sorting; 40% shell fragments - <u>Nucula</u> , <u>Mulinia</u> , <u>Oliva</u> , <u>Dentalium</u> , <u>Venicardia</u> ; bryozoa; echinoderm parts.
125-135	Sand	- light olive gray (5Y 6/1); fine to very coarse with some granules, subrounded, moderate sorting; 20% shell fragments.
135-155	Gravel, shell	- light and dark gray; very sparse clay at 145-155'; fine to very coarse, subangular and rounded, moderate sorting; 45% large shell fragments; ostracods.

Logged by:
J. K. Polzin
Dec. 31, 1980