

INTERVAL SHEET

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VDMR Well No: 2091

Date rec'd: 1/12/68

Sample Interval: from 0 to: 400'

PROP: Va. Dept. of Highways (Int. 81 Rest Area)

Number of samples: 37

COMP: Virginia Well Drilling Co.

Total Depth: 400'

COUNTY: Rockingham (Mauzy)

Oil or Gas: WaterX Exploratory:

From-To	From-To	From-To	From-To
0 - 10	320 - 330	-	-
10 - 20	330 - 340	-	-
20 - 30	340 - 350	-	-
30 - 40	350 - 360	-	-
40 - 50	360 - 370	-	-
50 - 60	370 - 380	-	-
60 - 70	380 - 390	-	-
70 - 80	390 - 400	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
-	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
300 - 310	-	-	-
310 - 320	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Virginia Department of Highways
(Interstate 81 Rest Area)
DRILLER: Virginia Well Drilling Company, Inc.
COUNTY: Rockingham (Mauzy)

VDMR: 2091
WWCR: 577
TOTAL DEPTH: 400'

GEOLOGIC LOG

Depth in feet

0-10	Limestone - dark-gray; fine-grained, microcrystalline, argillaceous; vein calcite
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	"
80-90	" with trace of pyrite
90-100	"
100-110	"
110-120	"
120-130	"
130-140	Limestone - dark-gray; fine-grained, microcrystalline; argillaceous; minor amounts of calcite and limestone breccia
140-150	"
150-160	"
160-170	"
170-180	Limestone - dark-gray; fine-grained, microcrystalline, argillaceous; minor amount of calcite
180-190	" with trace of pyrite

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190-200	Limestone - dark-gray; fine-grained, microcrystalline, argillaceous; minor amount of calcite; slickensides
200-210	" no slickensides
210-220	" "
220-230	" "
230-240	" " minor amount of limestone breccia
240-270	No samples
270-280	Limestone - dark-gray; fine-grained, microcrystalline, argillaceous; minor amount of calcite
280-290	"
290-300	"
300-310	"
310-320	" with trace of pyrite
320-330	"
330-340	"
340-350	"
350-360	"
360-370	"
370-380	"
380-390	"
390-400	"

OWNER: Virginia Department of Highways
(Interstate 81 Rest Area)

#2091

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Edinburg Formation	Ordovician

Virginia Division of Mineral Resources
W. W. Winters, Geologist
January 16, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2091
WWCR - 577

MAILING ADDRESS:
P.O. 3667
Charlottesville, VA 22903

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

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Virginia Department of Highways Mailing Address: Harrisonburg, Va.

TENANT: Interstate 81 Rest Area Mailing Address: Mauzy, Va.

DRILLER: Virginia Well Drilling Co., Inc. Mailing Address: Harrisonburg, Va.

WELL LOCATION: County Rockingham Approx. 1/2 ~~xxx~~ miles north (direction) of
Mauzy Interchange ~~xxxx~~ of Interstate 81 and U. S. Highway 11
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: December 1967 DATE COMPLETED: January 1968

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 400 feet

WATER LEVEL: Stands 30 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown _____ feet

Rate 6-7 gal. per min.

Duration 6 hrs., _____ min.

WATER ZONES: from 180 to 182 feet

from 350 to 355 feet

from _____ to _____ feet

WATER: Color Clear Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Int. Rest Area (81)

WATER ANALYSIS AVAILABLE: Yes _____ No X

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: _____

HOLE SIZE: 9 inches from 0 to 50 feet

6 inches from 50 to 400 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 50 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method Pump

Portland cement

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet