

INTERVAL SHEET

WWCR 67

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VDMR Well No: 1644

Date rec'd: July 6, 1966

Sample Interval: from 1 to 280

PROP: Va. Road Force Camp #4, well #6

Number of samples: 28

COMP: C. C. Powell & Sons

Total Depth: 280

COUNTY: Mecklenburg (Baskerville)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
1 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
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	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: State Convict Road Force Camp #4, well #6
DRILLER: C. C. Powell & Sons, Inc.
COUNTY: Mecklenburg (Stony Cross)

VDMR 1644
WWCR 67
TOTAL DEPTH: 280'

GEOLOGIC LOG

1 - 10	Overburden — light reddish tan clay with very fine mica
10 - 20	Overburden — dark tan clay, weathered brown and green schist
20 - 30	Chlorite schist — green; plagioclase, quartz, epidote, magnetic,
30 - 40	" with vein quartz
40 - 50	"
50 - 60	"
60 - 70	Chlorite schist — green; epidote, calcite crystals, quartz, slightly calcareous, magnetic, plagioclase
70 - 80	"
80 - 90	" with vein quartz
90 - 100	Chlorite schist — green; epidote, calcite crystals, quartz, slightly calcareous, magnetic, plagioclase
100 - 110	" with some pink schist
110 - 120	Chlorite schist — medium to light green; quartz, plagioclase, chlorite, epidote, magnetite
120 - 130	"
130 - 140	"
140 - 150	"
150 - 160	"
160 - 170	" trace of vein quartz
170 - 180	Chlorite schist — medium to light green; quartz, plagioclase, chlorite, epidote, magnetite; porous, weathered with vugular calcite and calcareous schist; fractures with slickensides
180 - 190	" some brown-stained calcite

- 190 - 200 Chlorite schist — medium to light green; quartz, plagioclase, epidote and porous weathered schist that has slickensides and brown stained calcite
- 200 - 210 " with white to dark blue-black chert
- 210 - 220 Chlorite schist — medium to light green with pink tints; quartz, plagioclase, epidote and porous weathered schist that has slickensides and brown stained calcite
- 220 - 230 "
- 230 - 240 Chlorite schist — medium to light green; quartz, plagioclase, epidote, and porous weathered schist that has slickensides and brown stained calcite
- 240 - 250 "
- 250 - 260 Chlorite schist — gray-green to light gray-green; quartz, plagioclase, chlorite, epidote, magnetite, calcareous in part.
- 260 - 270 "
- 270 - 280 Chlorite schist — gray-green to light gray-green; quartz, plagioclase, chlorite, epidote, magnetite, calcareous in part; with some slickensides and vugular calcite

GEOLOGIC SUMMARY

Chlorite schist of Cambrian (?) age

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 1966