

INTERVAL SHEET

Page 1 of 1

VDMR Well No: 1536

Date rec'd: 3/28/66

Sample Interval: from 14 to: 280

PROP:N. Brown #1

Number of samples: 29

COMP: C. R. Moore

Total Depth: 280

COUNTY: Albemarle (Charlottesville)

Oil or Gas: Water^X Exploratory:

From-To	From-To	From-To	From-To
No sample	-	-	-
14 - 15	-	-	-
15 - 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	-	-	-
265 -	-	-	-
265 - 270	-	-	-
270 - 280	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Nelson Brown Well #1
DRILLER: C. R. Moore, Inc.
COUNTY: Albemarle (Charlottesville)

VDMR: 1536
WWCR: 986
TOTAL DEPTH: 280

GEOLOGIC LOG

Depth in feet

0-14	No sample
14-15	Greenstone - light olive-gray; aphanitic, microcrystalline to cryptocrystalline, lineated to slightly foliated; chlorite, epidote, amphiboles, feldspar, quartz; some oxidization of iron-rich minerals.
15-20	Greenstone - medium bluish-gray; aphanitic, microcrystalline to cryptocrystalline; slightly foliated, but less than in previous interval; chlorite, epidote, amphiboles, quartz, feldspar; some oxidization of iron-rich minerals.
20-30	" with minor amounts of calcite and pyrite, some epidote stringers and veins; marked decrease in oxidation.
30-40	" with epidote; no oxidized fragments.
40-50	" "
50-60	Greenstone - medium bluish-gray; aphanitic, microcrystalline to cryptocrystalline; non-foliated; epidote, chlorite, amphiboles, quartz, and feldspar.
60-70	"
70-80	"
80-90	"
90-100	Greenstone - dark bluish-gray; aphanitic, cryptocrystalline to microcrystalline, foliated, slickensides common; chlorite, epidote, quartz, amphiboles feldspar; red-brown hematite on some slickenside surfaces.
100-110	" marked decrease in epidote.
110-120	" with minor amounts of pyrite and calcite; little epidote.
120-130	" "
130-140	" "

OWNER: Nelson Brown Well #1

#1536

140-150	Greenstone - dark bluish-gray; aphanitic, cryptocrystalline to microcrystalline, foliated, slickensides common; chlorite, epidote, quartz, feldspar, amphiboles, serpentine, calcite and pyrite; some vein quartz, epidote, and hematitic-quartz; minor red-brown hematite on some slickenside surfaces.
150-160	" decrease in hematite and hematitic-quartz veins.
160-170	"
170-180	" with less foliation.
180-190	" "
190-200	" " and increase in epidote.
200-210	Greenstone - dark bluish-gray; aphanitic, microcrystalline to cryptocrystalline, slightly foliated, some slickenside surfaces; chlorite, epidote, feldspar, quartz, amphiboles, serpentine, pyrite and calcite; some hematitic slickenside surfaces; fragments of fibrous serpentine in sharp contact with epidote-rich greenstone.
210-220	" no fibrous serpentine, slight increase in hematite.
220-230	Greenstone - dark bluish-gray; aphanitic, microcrystalline to cryptocrystalline, non-foliated; chlorite, epidote, amphiboles, feldspar, quartz and calcite.
230-240	"
240-250	"
250-260	"
265	" a few chips of pink orthoclase feldspar in association with quartz.
265-270	" "
270-280	" no pink feldspar.

GEOLOGIC SUMMARY

Rock Unit

Age

Catoctin Formation

Precambrian - Cambrian