

INTERVAL SHEET

WWCR - 173

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VDMR Well No: 1727

Date rec'd: October 13, 1966

Sample Interval: from 0 to 200

PROP: Stanleytown Elem. School

Number of samples: 20

COMP: Moore Well Drilling Inc.

Total Depth: 200

COUNTY: Henry (Stanleytown)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 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	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Stanleytown Elementary School
DRILLER: D. Moore Well Drilling Company
COUNTY: Henry (Stanleytown)

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TOTAL DEPTH - 200'

GEOLOGIC LOG

Depth in feet

0 - 10	Saprolite — light-brown, micaceous weathered material; pale-brown bleached biotite, hornblende, plagioclase, quartz magnetite.
10 - 20	"
20 - 30	"
30 - 40	"
40 - 50	"
50 - 60	Amphibolite — light-gray, green and white; feldspathic (plagioclase); grain size 2-5 mm; mafic to plagioclase ratio ranges from 50-70% black hornblende and green amphibole (actinolite), and 50-30% white plagioclase.
60 - 70	"
70 - 80	"
80 - 90	" with one 5-mm fragment containing a thin (2 mm) veinlet of light-brown aphanite with minute white (0.1 mm) grains.
90 - 100	Amphibolite — with trace of brown aphanite.
100 - 110	Amphibolite — with some biotite-plagioclase quartz gneiss.
110 - 120	Amphibolite — with brown aphanite vein and pegmatitic material.
120 - 130	Amphibolite — biotite-plagioclase quartz gneiss.
130 - 140	"
140 - 150	Biotite Gneiss — with plagioclase and quartz.
150 - 160	Amphibolite — with some biotite-plagioclase gneiss; pegmatite; traces of brown aphanite and phyrrotite.

160 - 170	Biotite Gneiss -- with plagioclase quartz and traces of pyrrhotite.
170 - 180	Biotite-Plagioclase Gneiss -- with amphibolite.
180 - 190	"
190 - 200	Biotite-Plagioclase Gneiss

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 50	Saprolite	Early Paleozoic
50 - 140	Amphibolite	" "
140 - 150	Gneiss	" "
150 - 160	Amphibolite	" "
160 - 200	Gneiss	" "

Virginia Division of Mineral Resources
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