

INTERVAL SHEET

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VDMR Well No: 1546

Date rec'd: 3/30/66

Sample Interval: from 0 to 300

PROP: Town of Chase City #13

Number of samples: 28

COMP: Sydnor Pump & Well Co.

Total Depth: 300

COUNTY: Mecklenburg (Chase City)

Oil or Gas: Water: ~~X~~Exploratory:

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 *	-	-	-
200 - 210 *	-	-	-
210 - 220 *	-	-	-
230 - 240 *	-	-	-
240 - 250 *	-	-	-
250 - 260 *	-	-	-
270 - 280 *	-	-	-
280 - 290 *	-	-	-
290 - 300 *	-	-	-
-	-	-	-
-	-	-	-

* Unwashed samples only

OWNER: Town of Chase City, Well #13
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Mecklenburg (Chase City)

VDMR #1546
WWCR #4
TOTAL DEPTH: 300'

GEOLOGIC LOG

0-10 Residual Greenstone -- light-brown, medium-fine-grained;
clay, epidote, chlorite, quartz mica and iron oxides.

10-20 "

20-30 minor vein quartz.

30-40 "

40-50 minor amphibole.

50-60 Saprolitic Greenstone -- greenish-brown to orange brown;
fine- to medium-grained; epidote, chlorite, mica, quartz,
amphibole, clay and iron oxide.

60-70 minor tiny pseudomorphs of goethite after pyrite.

70-80 "

80-90 "

90-100 Weathered Greenstone -- medium-light-greenish-yellowish-
gray; fine- to medium-grained; chlorite, epidote, quartz,
mica, amphibole; minor goethite after pyrite and iron oxide stain.

100-110 // slightly foliated.

110-120 Greenstone -- light-greenish gray, fine to medium grained,
slightly foliated, epidote, chlorite, quartz amphibole, calcite,
feldspar, pyrite.

120-130 less foliated.

130-140 trace weathered material which may be contamination
from above.

140-150 a portion of this sample is medium-grained.

150-160 foliated, finer grained.

160-170 "

170-180 trace slickensides.

OWNER: Town of Chase City, Well #13

#1546

180-190 Greenschist — medium-green-gray, fine-grained, poorly foliated; chlorite, epidote, quartz, pyrite and calcite.

190-200 better foliated, minor vein quartz.

200-210 minor vein calcite.

210-220 "

220-230 No sample.

230-240 Greenschist — medium-gray-green, medium-fine-grained, foliated; chlorite, epidote, calcite, quartz.

240-250 "

250-260 "

260-270 No sample.

270-280 Greenschist — medium-gray-green, medium-fine-grained, foliated; chlorite, epidote, calcite, quartz.

280-290 "

290-300 "

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Metamorphosed Volcanics

Ordovician ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
April 1, 1966