

INTERVAL SHEET

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VDMR Well No: 1545

Date rec'd: 4/12/66

Sample Interval: from 0 to: 300

PROP: Town of Chase City #12

Number of samples: 31

COMP: Sydnor P & W Co.

Total Depth: 300

COUNTY: Mecklenburg

Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To
0 - 10	290 - 300*	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
85 - *	-	-	-
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	-	-	-
280 - 290	-	-	-

*Unwashed Samples Only

OWNER: Town of Chase City #12
DRILLER: Sydnor Hydrodynamics
COUNTY: Mecklenburg (Chase City)

VDMR: 1545
WWCR: 3
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

0-10	Sapolite - tan; fine-to medium grained; quartz, feldspar, clay, sericite, biotite; iron staining; most of fragments resemble a slightly mica rich metaquartzite
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"
70-80	" - slight increase in foliation, more sericite and feldspar, less clay
85	"
80-90	Chlorite schist - greenish blue-gray, fine grained; chlorite quartz, feldspar, sericite, pyrite; 50% of fragments have iron oxide staining
90-100	"
100 - 110	" no iron oxide staining
110 - 120	" - less chlorite and foliation
120 - 130	Greenstone- greenish-blue-gray, microcrystalline, poorly foliated; chlorite, quartz, feldspar, epidote, sericite, biotite, pyrite
130-140	" increased quartz (many fragments resemble a metaquartzite)

140-150	Greenstone - blue-gray, microcrystalline, poorly foliated; quartz, chlorite, feldspar, sericite, epidote, biotite, pyrite
150-160	"
160-170	"
170-180	"
180-190	" trace apitite
190-200	"
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	Metaquartzite - very light-gray, microcrystalline to cryptocrystalline; quartz, feldspar, chlorite, biotite, pyrite
260-270	Greenstone - blue-gray, microcrystalline to cryptocrystalline; quartz, chlorite, feldspar, biotite, amphiboles, epidote
270-280	"
280-290	"
290-300	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-74	Saprolite	
74-290	Virgilina Formation?	Precambrian
290-300	No sample	

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
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