

OWNER: Town of Chase City
DRILLER: Sydnor Pump & Well Co
COUNTY: Mecklenburg (Chase City)

VDMR # 745
WWCR # 35
TOTAL DEPTH : 183 feet

SAMPLE DESCRIPTION
(Washed Samples)

0-10	No sample
10-20	Overburden - very fine grained sand with yellowish brown clay and silt
20-30	Overburden - fine to very coarse sand with yellowish brown clay and silt
30-40	As above
40-50	As above
50-60	Gneiss - 45% plagioclase feldspar, 30% quartz, 10% pyroxene, 5% biotite, 5% chlorite, and 3% calcite, (top of bedrock in this interval)
60-70	As above
70-80	As above
80-90	As above
90-100	As above
100-110	Gneiss - with some interbedded chlorite schist
110-120	As above
120-130	As above
130-140	As above
140-150	Chlorite schist - 50% chlorite, 20% quartz, 20% feldspar, 8% mica, garnet, and epidote, with some interbedded gneiss
150-160	As above
160-170	As above
170-180	As above
180-183	No sample

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian ?

Interbedded gneiss and schist

Virginia Division of Mineral Resources
Laurence H. Gardner - Geologist
January 15, 1963