

OWNER: Second and Northern District Church of the Brethern VDMR # 797
DRILLER: Sydnor Pump & Well Co., Inc. WWCRC # 440
COUNTY: Rockingham (Athlone) TOTAL DEPTH : 213

GEOLOGIC LOG

0-20 No sample

20 Saprolite - tan, soft, calcareous, argillaceous, arenaceous

20-40 No sample (top of bedrock in this interval)

40 Limestone - medium gray, hard, fine grained, moderately calcareous, dolomitic, silty, heavy trace of hard, brittle, black shale

60 As above

75 Limestone - medium gray, hard, fine grained, highly calcareous and argillaceous, dolomitic, silty, trace of calcite vein material

90 As above

105 As above

120 Limestone - dark gray, hard, fine grained, highly calcareous and argillaceous, dolomitic, silty (X-ray analysis: 50% calcite, 20% quartz, 15% clay, 10% dolomite, 5% feldspar)

135 Limestone - dark gray, hard, fine grained, highly calcareous, argillaceous, dolomitic, silty, trace of white calcite vein material

150 As above

165 Limestone - dark gray, hard, fine grained, highly calcareous, dolomitic, silty, slightly argillaceous

180 As above

198 Limestone - medium gray, hard, fine grained, highly calcareous, dolomitic, silty, heavy trace of calcite vein material

213 Limestone - medium gray, hard, fine grained, highly calcareous, dolomitic, silty, slightly argillaceous

OWNER: Second and Northern District Church of the Brethern (continued) #797

GEOLOGIC SUMMARY

AGE

Ordovician

ROCK UNIT

Upper Edinburg formation

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
April 16, 1963