



OWNER: T. K. Ellis #1  
DRILLER: Sydnor Pump & Well Company, Inc.  
COUNTY: Bath (Hot Springs)

VDMR # 701  
WWCR# 20  
TOTAL DEPTH: 228

SAMPLE EXAMINATION  
(Washed Samples)

0-18 Top soil - yellow to orange clay, silty, heavy trace of subrounded gravel size dolomite fragments

18 Subsoil - tan, silty and sandy clay

18-60 Top of bedrock in this interval

60 Limestone - medium gray, fine grained, hard, highly calcareous, slightly carbonaceous and silty

90 Limestone - medium gray, fine grained, hard, highly calcareous, slightly carbonaceous and silty, trace of calcite vein material.

105 Limestone - medium gray, fine grained, hard, highly calcareous, silty, heavy trace of calcite vein material, trace of yellowish-orange clay

120 Limestone - medium gray, fine grained, hard, highly calcareous, slightly carbonaceous and argillaceous, trace of yellowish-orange clay

135 Limestone - medium gray, fine grained, hard, highly calcareous, argillaceous, trace of orange clay

150 Limestone - medium gray, fine grained, hard, brittle, highly calcareous, carbonaceous, heavy trace of calcite vein material, trace of orange clay

165 As above

180 As above

195 Limestone - medium gray, fine grained, hard, brittle, highly calcareous, carbonaceous, 1% calcite vein material, trace of orange, argillaceous siltstone

210 As above

225 Limestone - medium gray, fine grained, hard, highly calcareous, slightly carbonaceous, trace of calcite and mudstone

OWNER: T. K. Ellis #1 (cont'd)

#701

GEOLOGIC SUMMARY

AGE  
Ordovician

FORMATION OR UNIT  
Lowville limestone

Virginia Division of Mineral Resources  
Merrick S. Whitfield, Geologist  
September 20, 1962