

OWNER: Nielsen Construction Co. Inc.
DRILLER: Sydnor Pump and Well Co. Inc.
COUNTY: Shenandoah (Maurertown)

VDMR # 731
WWCR # 191
TOTAL DEPTH : 79

SAMPLE DESCRIPTION
(Washed Samples)

0-5 Soil - light brown, silty, very fine grained, argillaceous, slightly calcareous

5-20 No sample (top of bedrock in this interval)

20 Limestone - light to dark gray, moderately hard, dense, fine grained, highly calcareous, traces of calcite vein material and yellow weathered limestone (X-ray analysis: 75% calcite, 20% quartz, 4% dolomite)

20-60 No sample

60 Limestone - dark gray, very hard, dense, fine grained, very calcareous, trace of calcite vein material

60-69 No sample

69-72 Dolomite - light gray and orange (iron stained), very hard, dense, fine grained, slightly calcareous, trace of milky quartz (X-ray analysis: 80% dolomite, 10% feldspar, 8% quartz and clay minerals)

72-75 No sample

75 Limestone - dark gray, very hard, dense, fine grained, highly calcareous, 5% calcite vein material

75-79 No sample

GEOLOGIC SUMMARY

| <u>AGE</u> | <u>FORMATION OR UNIT</u> |
|------------|--------------------------|
| Ordovician | Beekmantown formation |

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
December 14, 1962