

OWNER: Lynn Slaven
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Bridgewater)

VDMR #878
WWCR #274
TOTAL DEPTH: 138'

GEOLOGIC LOG

- 15 Clay — mottled brownish-red to brownish-yellow, non-calcareous; abundant grains and nodules of goethite and hematite, many of them case-hardened; light- to medium-gray chert very abundant as angular to subangular sand-size grains and pebbles (up to 20 mm), some of the chert is chalcedonic; moderate amount of well-sorted, coarse-grained, well-rounded quartz sand.
- 30 Dolomite — dark-gray, medium-grained, very slightly argillaceous.
- 45 Dolomite — dark-gray, medium-grained, very slightly argillaceous dolomite, and light-gray, finely crystalline dolomite.
- 49 Dolomite — light-gray, buff-weathering, finely crystalline.
- 60 Dolomite — medium- to dark-gray, medium- to coarsely-crystalline.
- 75 Dolomite — medium- to dark-gray, medium- to coarsely-crystalline dolomite; small amount of light-gray, finely crystalline dolomite; some brown, non-calcareous clay.
- 90 As above — but light-gray, finely crystalline dolomite is more abundant.
- 105 Dolomite — black, medium- to coarse-grained.
- 120 Dolomite — dark-gray, medium crystalline; abundant buff, non-calcareous clay; some very coarse vein dolomite.
- 135 Dolomite — dark-gray, medium crystalline; some vein dolomite and hematitic clay on fracture surfaces.
- 135-138 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
15-135	Beekmantown Formation	Ordovician
135-138	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
April 2, 1965