

OWNER: Irvin Incorporated
New Warehouse Irvin Inc.
DRILLER: Sydnor Pump & Well Company, Inc.
COUNTY: Shenandoah (Edinburg)

VDMR #1258
WWCR #211
TOTAL DEPTH: 346'

GEOLOGIC LOG

- 0-30 No sample.
- Beekmantown Formation (30-345')
- 30 Limestone and Dolomite — medium-dark-gray, finely crystalline; limestone very-fine-grained, minor jasper; two tiny quartz crystals.
- 45 Dolomite — medium-dark-gray, crystalline 0.3 mm to dense; dolomite vein, argillaceous in part, quartz crystal fragment.
- 60 As above.
- 75 As above.
- 90 Dolomite — medium-dark-gray and light-gray; darker material medium-crystalline; light portion very-fine and dense with rare sand grain.
- 105 As above — less light-gray material, no sand, medium dark-gray with stylolites and minor shaly partings.
- 120 Dolomite — medium-gray, medium-crystalline to dense, minor partings black shale; dolomite veins.
- 130 Limestone and Chert — buff colored, powdery limestone; medium dark-gray chert; vein calcite.
- 140 Dolomite — medium-dark-gray, minor light-gray to buff; darker material crystalline 0.2 mm average; lighter material very-fine-grained.
- 150 As above — minor shaly dolomite.
- 165 As above.
- 185 As above — no buff; minor light-gray chert.
- 195 Dolomite — medium-dark-gray, fine- to medium crystalline, minor white dolomite veins.

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- 210 Dolomite — medium-dark-gray, fine- to medium-crystalline, minor white dolomite veins, minor buff colored.
- 225 As above — slightly lighter gray; more buff colored dolomite.
- 225-300 No sample.
- 300 Dolomite — dark-gray, very minor buff colored dolomite; finely crystalline; minor calcite veins.
- 315 As above — minor dark-gray chert; dolomite vein, no calcite.
- 330 As above.
- 345 Dolomite — medium-light-gray, minor buff colored; very-fine-grained; white dolomite veins; minor dark-gray dolomite; trace yellow chert and cherty fragments from which dolomite rhombs have been leached.
- 346 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-30	No sample	
30-345	Beekmantown Formation	Ordovician
346	No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
March 4, 1965