

OWNER: John W. Zirkle
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Shenandoah (New Market)

VDMR: 1708
WWCR: 234
TOTAL DEPTH: 330

GEOLOGIC LOG

Depth in feet

0-22	Clay - moderate reddish-brown; argillite, moderate reddish-brown, very weathered.
22-43	Limestone - dark-gray, microcrystalline.
43-58	"
58-73	" vein calcite.
73-88	"
88-103	Limestone - 90% medium-gray, microcrystalline; 10% light-olive-gray, microcrystalline limestone; vein calcite, trace pyrite.
103-118	" less light-olive-gray limestone.
118-133	" "
133-148	Limestone - 50% medium-gray, microcrystalline; 50% coarse-grained, vein-calcite.
148-163	Limestone - dark-gray, fine-grained, crystalline; vein calcite.
163-178	"
178-193	"
193-208	"
208-223	" trace pyrite.
223-238	" "
238-253	" "
253-268	"
268-283	"
283-298	"

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#1708

298-313 Limestone - medium-gray, fine-grained, crystalline.
313-328 " vein calcite, trace pyrite.
328-330 No Sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-328	New Market Limestone	Ordovician
328-330	No Sample	

Virginia Division of Mineral Resources
W. W. Winters, Geologist
June 1967