



OWNER: Keith A. Kibler  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Page (Whitehouse)

VDMR WELL # 1093  
WWCR WELL # 87  
TOTAL DEPTH : 237

GEOLOGIC LOG

0-15 Overburden - pale-yellow-orange clay; minor angular quartz and iron oxide stain.

Martinsburg Formation (15-237')

15-30 Saprolitic Shale - pale-yellow-orange clay, minor iron oxide stain and very soft shale fragments showing bedding.

30-45 As above - very minor wad.

45-60 As above

60-75 As above - less wad, minor pale-yellow-brown, slightly greenish, very soft, fissile shale.

75-90 As above

90-105 As above

105-120 As above - some shale harder and darker.

120-135 Shale - medium-gray, very soft weathered; clay, quartz mica.

135-150 As above - some portions weathered to pale-orange-brown.

150-165 As above

165-180 As above - only trace pale-orange-brown.

180-195 Shale and Sandstone - medium-gray, soft-fissile, shale; medium-gray, slightly greenish, chloritic, lithic, medium-grained sandstone.

195-210 As above - minor portion shale weathered to orange-brown; vein calcite.

210-225 Silty Shale - medium-dark-gray, fissile, well foliated; minor portion silty and slightly lighter color, trace orange-brown weathering stain.

225-237 As above - with minor drussy vein quartz.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-15	Overburden	Recent
15-237	Martinsburg Formation	Ordovician

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
June 30, 1965