## INTERVAL SHEET

**WWCR 966** VDMR Well No.: Well No: 1380 Page 1 Date 10/5/65 Sample Interval: from 0 to 100 Total depth 100 H & S Joint Ventures PROP: Oil\_\_\_Gas\_\_\_Water\_X\_Exploratory\_\_\_\_\_ Sydnor Pump & Well Co. COMP: COUNTY: Albemarle (Simeon) Cuttings X Core Other VDMR Well No: W-1380 Washed Samples From-To From-To From-To From-To From-To 0 \_ 18 18 - 19 19 - 25 25 - 38 38 - 46 46 \_ 61 61 \_ 71 71 - 8181 - 91 91 - 100

OWNER: H & S Joint Ventures

DRILLER: Sydnor Pump & Well Co., Inc.

COUNTY: Albemarle (Simeon)

VDMR #1380 WWCR #966 TOTAL DEPTH: 100'

## GEOLOGIC LOG

0-18	Residual Greenstone — red-orange; clay, iron oxide, fragments of vein quartz, fine-grained sandstone, and weathered greenstone.
18-19	Weathered Greenstone — medium-green-brown, fine-grained, slightly foliated; chlorite, epidote, plagioclase, sericite, minor clay, iron oxide and magnetite.
19-25	Greenstone — light-yellow-gray-green, fine-grained, slightly foliated; chlorite, epidote, sericite, minor magnetite.
25-38	As above — very slightly weathered.
38-46	As above.
46-61	As above - more weathered.
61-71	Fractured Greenstone - medium-dark-blue-brown to buff and orange; fine-grained; chlorite, sericite, clay, magnetite, epidote, and iron oxides.
71-81	As above — two-thirds of this sample is fresh and unaltered; one-third very soft and weathered.
81-91	Fractured Metamorphosed Basalt — dark blue-gray; fine-grained; amygdaloidal in part; plagioclase, epidote, magnetite, chlorite; one-fourth of this sample is pale orange-brown from weathering.
91-100	As above — slightly lighter color; only a trace of weathered material.

## GEOLOGIC SUMMARY

## ROCK UNIT

TIME ROCK UNIT

Catoctin Formation

Precambrian?

Virginia Division of Mineral Resources Hollis N. Walker, Geologist October 12, 1965