INTERVAL SHEET

WWCR 631 1 VDMR Well No: Page_ Sample Interval: from 0 to 130 3/27/64 Date E. B. Moore PROP: Total Depth_ Oil__Gas__Water_X Exploratory____ M. O. Seek COMP: Cuttings X Core Other COUNTY: Fairfax (Fairfax) VDMR Well No: W-975 From-To From-To From-To From-To From-To _ 10 _ 20 10 20 - 30 30 - 40 40 - 50 No Washed Samples 50 _ 60 60 - 7070 - 80 80 - 90 90 - 100 100 _ 110 110 _ 120 120 - 130 130 - 145 No SampleOWNER: Mrs. E. B. Moore DRILLER: Marvin O. Seek COUNTY: Fairfax (Fairfax) VDMR Well No: 975 WWCR Well No: 631 TOTAL DEPTH: 145

GEOLOGIC LOG

Residual Clay and Saprolitic Actinolite Schist (0-101)

0-10 Residual Clay and Saprolitic Actinolite Schist - light-orangebrown and pale-green-gray; clay, actinolite epidote, quartz, and iron oxides.

Actinolite Schist (10-130')

10-20	Weathered Actinolite Schist - light-greenish-gray; grain size	
	$0.2 \times 0.2 \text{ mm}$ to $0.2 \times 4.0 \text{ mm}$; actinolite, pennine, epidote	
	(clinozoisite); trace quartz, stilpnomelene, magnetite and iron-	
	oxide stain.	

- 20-30 As above average grain size 0.2×0.2 .
- Actinolite Schist medium-gray-green; grain size: 0.2 x 0.2 to 1.0 x 2.0 mm; actinolite, epidote (clinozoisite), chlorite, epidotized plagioclase, sericite, trace pyrite, bright-green mica, iron oxide stain.
- 40-50 As above no iron oxide stain.
- 50-60 As above with calcite.
- 60-70 As above
- 70-80 As above
- 80-90 As above minor quartz and muscovite.
- 90-100 As above
- 100-ll0 Actinolite Schist medium-green-gray; grain size: 0.2×0.2 to 1.0×3.0 mm; actinolite, epidote (clinozoisite) minor epidotized plagioclase, sericite, calcite, chlorite, quartz; trace pyrite.
- 110-120 As above more quartz.
- 120-130 As above less quartz, more chlorite.
- 130-145 No Sample

GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT
0-10	Residual Clay and Actinolite Schist	Recent & Precambrian ?
10-130	Actinolite Schist	Precambrian ?
130-145	No Sample	

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