INTERVAL SHEET

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Date rec'd: 2/18/66

PROP: Va. Division of Parks

COMP: Farmville Well Drilling Co.

COUNTY: Cumberland (Bear Creek Lake)

VDMR Well No: 1479

Sample Interval: from 35 to 162

Number of samples: 6

Total Depth: 162

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
35 - 62 62 - 82 82 - 102 102 - 122 122 - 142	-	- - - - -	-
142 - 162 - - - -	-	- - -	
-	- - - -	- - - - - -	- - - -
-	- - - -	- - -	-
- - - -	-	- - - -	- - - -
- - - -	- - -	- - - - -	- - - -

All intervals have both washed and unwashed samples.

OWNER: Virginia Division of Parks

(House for Lake Manager)

DRILLER: Farmville Well Drilling Co., Inc.

COUNTY: Cumberland (Bear Creek Lake)

VDMR #1479 WWCR #32 TOTAL DEPTH: 162

GEOLOGIC LOG

0-35	No sample.		
35-62	Weathered Gneiss — cream, pale-orange, light- to medium- gray; grain size up to 3 mm; banded, minor augen structure; oligoclase, quartz, potash feldspar, hornblende, biotite, muscovite, epidote, apatite, garnet, clay and iron oxide.		
62-82	Gneiss — light-greenish-gray to medium-gray; grain size up to 10 mm; cataclastic augen, banded; quartz, muscovite, biotite, oligoclase, microcline, apatite, epidote, graphite, pyrite, hornblende, garnet; minor iron oxide stain.		
82-102	only a trace of iron oxide stain.		
102-122	п		
122-142	п		
142-162	п		

GEOLOGIC SUMMARY

These samples are of a muscovite-biotite gneiss probably derived from hornblende gneiss and granite; both of uncertain age.

Virginia Division of Mineral Resources Hollis N. Walker, Geologist February 23, 1966