	INTE	RVAL SHEET	WWCR 890
Page 1		VDMR WELL NO.: Well No. 92	
Date 10/30/63		Sample Interval: from 0	to200
PROP: A. Tel. & Tel. Co., Peters Well #1	Mountain	Total Depth 200'	
COMP: Sydnor		OilGasWaterX	Exploratory
COUNTY: Albemarle (Cash Corner)		Cuttings <u>X</u> Core0	ther
VDMR Well No.: W-918 From-To From-To	From-T	Washed samples - only o From-To	From-To
	0_		
	10- 2		-
	20 -		
	30 -		
	40 -	50 -	
	50-	55 -	
and the second	55-	65 -	
	65-1-		
	140-1		
	150-1	60 -	
	160_ 1	70 _	_
	170-1		
-	180- 1		-
	190-2		-
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OWNER: American Telephone & Telegraph Co.	VDMR #918
Peters Mountain #1	WWCR #890
DRILLER: Sydnor Pump & Well Co.	TOTAL DEPTH: 200'
COUNTY: Albemarle	

### GEOLOGIC LOG

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#### Overburden (0-10)

0-10 Overburden - light brown, medium to fine grained, clay, manganese wad, quartz, limonite staining.

#### Catoctin Formation (10-200)

- 10-20 Weathered Schist greenish to light brown, medium to fine grained, quartz, minor milky vein quartz, epidote, clay, minor authophyllite, and wad.
- 20- 30 As above.
- 30- 40 As above.
- 40- 50 As above.
- 50- 55 As above.
- 55- 65 As above (with considerable quantities of milky vein quartz).

65-140 Greenstone - pale olive to grayish olive, fine grained, clay, quartz, amphibole, magnetite; clay occurs in egg-shaped exfoliated masses. (X-ray analysis: Quartz 20%, chlorite 25%, plagioclase 15%, potassic feldspar 5%, clay 15%, biotite 10%, amphibole 10%).

140-150 Greenstone - grayish olive, fine grained, quartz, questionable feldspar, clay, epidote, and minor magnetite, some vein quartz, traces of hematite.

150-160 As above.

160-170 Schist - pale olive to grayish olive, fine grained, clay, quartz, minor epidote and magnetite (octahedra); clay occurs in egg-shaped exfoliated masses.

170-180 As above (with increasing epidote).

OWNER:	American I	Celephone & Telegraph Co. (Peters Mountain #1) #918
180-190		Greenstone - grayish olive, fine grained, quartz, questionable feldspar, clay, epidote, and minor magnetite, some rounded milky quartz grains.
190-200		As above.

# GEOLOGIC SUMMARY

## ROCK UNIT

TIME ROCK UNIT

0-10	Overburden

Recent

10-200 Catoctin Formation

Precambrian

Virginia Division of Mineral Resources Villard S. Griffin, Jr., Geologist July 21, 1964