Page 1		VDMR WELL NO.: Well No. 10	11	
Date 5/18/64		Sample Interval: from	0 to 100	
PROP: Hange Deve	elopment Company	Total Depth 100		
COMP: J. S. Ange		OilGasWater_X	Exploratory	
COUNTY: Fairfax (Fairfax)	Cuttings X Core 0	ther	
VDMR WELL NO: W-1011				
From-To	From-To	From-To From-To	From-To	
_	0 - 10	No washed samples	_	
_	10 - 20		_	
-	20 - 30		_	
-	30 - 40		-	
-	40 - 50			
_	50 - 60	-	_	
-	60 - 70		-	
-	70 - 80		· <u>-</u>	
-	80 - 90	•	-	
	90 -100	-	-	
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OWNER: Hange Development Company

DRILLER: J. S. Ange COUNTY: Fairfax

VDMR #1011 WWCR #659 TOTAL DEPTH: 1021

GEOLOGIC LOG

0-10	Silt - reddish-brown, fine grain, calcareous, quartz grains, clear, subrounded to subangular.
10-20	Silt - yellowish-brown, fine grain, calcareous, muscovite flakes, quartz grains, clear, subrounded to subangular, minor magnetite.
20-30	As above - increase of quartz.
30-40	Silty-sand - tan, fine to coarse grains, clear and yellow stained quartz, subrounded to subangular, minor magnetite, feldspar (plagioclase?), fragments of quartz-biotite and quartz-muscovite schist, magnetite inclusions in schist.
40-50	As above.
50-60	As above - increase of magnetite.
60-70	As above.
70-80	Schist - predominantly a quartz-muscovite schist with minor plagioclase, magnetite and biotite.
80-90	As above - finer grains.
90-100	As above.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Wissihickon

Precambrian to Cambrian

Virginia Division of Mineral Resources Garnett Gatlin, Geologist December 18, 1964