INTERVAL SHEET

WWCR 122

Page 1	VDMR Well No: Well No. 1451	
Date_ 12/30/65	Sample Interval: from 48	_to102
PROP: Hubert Mallory	Total Depth 102	
COMP: Farmville Well Drilling Co.	$Oil__Gas__Water_X_Explorat$	ory
COUNTY: Buckingham (New Canton)	Cuttings X Core 0the	r
VDMR Well No: W-1451	Washed samples	
From-To From-To	From-To From-To	From-To
	0 - 48 No sample -	• 1
	48 - 62 -	5 == 0.5
-	62 - 82 -	-
-	82 - 102	-
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OWNER: Hubert Mallory

DRILLER: Farmville Well Drilling Co. COUNTY: Buckingham (New Canton)

VDMR #1451 WWCR #122 TOTAL DEPTH: 102'

GEOLOGIC LOG

0-48	No sample.
48-62	Phyllite — medium-light-gray, well foliated average grain size 0.1 mm, poikilitic porphyroblasts of siderite (2-3 mm diameter) in a matrix of sericite, chlorite, quartz, biotite, and minor pyrite and pyrrhotite; minor orange-brown vein quartz.
62-82	As above — excellent foliation and lineation, foliation is slightly corrugated; no vein quartz.
82-102	As above. — crystals of siderite over 5 mm, more pyrite and pyrrhotite, minor white vein quartz; minor dark-greenish-gray gabbro, grain size: 0.5 to 4 mm, ophitic in part; laboradorite-bytownite, pyroxene; minor chlorite, calcite and opaques.

GEOLOGIC SUMMARY

	ROCK UNIT	TIME ROCK UNIT
0-48	No sample	
48-102	Arvonia Formation	Ordovician
	with Gabbro intrusives at 82-1021	probably Triassic

Virginia Division of Mineral Resources Hollis N. Walker, Geologist January 13, 1966