INTERVAL SHEET

WWCR 42

Page	1		VI	DM	R W	ell No: Wel	1 No. 1448	
Date	12/30/65		Sa	am	ple	Interval:	from 42	_to_142
PROP:	Hunter Ferguson		T	ot	al l	Depth_168		
COMP:	Farmville Well Drilling CoOilGasWater_X Exploratory							
COUNTY:	Prince Edward Cuttings X Core Other Other							
VDMR Well From-To	No: W-1448 From-To	Fr	V	N a m –	ashe To	ed samples F	rom-To	From-To
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		132	•					
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OWNER: Hunter Ferguson

DRILLER: Farmville Well Drilling Co., Inc.

COUNTY: Prince Edward (Farmville)

VDMR #1448 WWCR #42 TOTAL DEPTH: 168'

GEOLOGIC LOG

	GEOLOGIC LOG
0-42	No samples.
42-62	Hornblende Gneiss — very-light-gray and black, average-grain size over 1 mm (coarse material is ground by drill to this size), permeable; quartz, epidote, oligoclase, hornblende, biotite, minor albite, chlorite; minor medium-gray micaceous massive marble, minor pyrite.
62-72	As above — no marble, trace of calcite.
72-82	Gneiss — white with minor black; average grain size 1-3 mm; permeable; quartz, alkali feldspar, oligoclase, epidote; minor hornblende, biotite, muscovite and garnet.
82-92	Hornblende Gneiss — very-light-gray and black, average grain size approximately 1 mm; permeable; quartz, oligoclase, andesine, epidote, hornblende, biotite.
92-102	As above — less feldspar, trace garnet.
102-112	As above — more epidote.
112-122	As above — less epidote, more feldspar.
122-132	As above — more epidote; minor light-gray micaceous marble with minor pyrite.
132-142	As above — no marble.
142-168	No sample.

GEOLOGIC SUMMARY

These samples are of Hornblende Gneiss of unknown age. Note the two beds of marble at 42-62 and 122-132. These may represent limestones in the pre-metamorphic shales.

> Virginia Division of Mineral Resources Hollis N. Walker, Geologist January 11, 1966