INTERVAL SHEET

WWCR 153

Page 1		VD	MR Well No.	. Well No.		
Date 4/5/65		Sa	mple Interv	val: from 0	to	250
PROP: U.S.A. Co		То	tal depth_	250	3	
(Philpott M COMP: Hickory We	gr. Office #1) ell Co.	Oi	.lGas	WaterX_Ex	plorator	У
COUNTY: Henry (Bas	sett)	Cu	ittings X	Core0	ther	
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OWNER: U. S. Army Corps of Engineers

(Reservoir Mgr's. Office Well #1

DRILLER: Hickory Well Supply Co., Inc.

COUNTY: Henry (Bassett)

VDMR #1288 WWCR #153 TOTAL DEPTH: 250'

GEOLOGIC LOG

0-10	Saprolitic Schist — medium-brown, medium-coarse- grained; mica, quartz, minor tourmaline, amphibole, iron oxides and clay.
10-20	As above.
20-35	Mica Schist (Weathered) — gray and brown, shiny, medium-coarse-grained; muscovite, biotite, chlorite, quartz; minor amphibole; trace epidote and magnetite; minor iron oxide and clay.
35-45	As above — more mica.
45-55	As above — less mica; less weathering; minor pyrrhotite and pyrite.
55-65	Mica Schist — medium-light-gray; medium-coarse-grained; muscovite, chlorite, biotite, quartz; minor tourmaline, amphibole, apatite, feldspar, pyrite, and pyrrhotite, vein quartz, iron oxides; bedrock occurs in this interval.
65-75	As above.
75-85	As above.
85-95	As above.
95-105	As above.
105-115	As above.
115-125	As above.
125-135	As above.
135-145	As above — with minor vein calcite.
145-155	Mica Schist — medium-blue-gray, medium-grained, foliated; biotite, muscovite, quartz, pyrite, and pyrrhotite; minor tourmaline, amphibole, garnet, iron oxide inclusions in all minerals.

- 2 - #1288

OWNER:	U.S. Army Corps of Engineers (Reservoir Mgr's. Office Well #1
155-165	Mica Schist — medium-blue-gray, medium-grained, foliated; biotite, muscovite, quartz, pyrite, and pyrrhotite; minor tourmaline, amphibole, garnet, iron oxide inclusions in all minerals.
165-175	As above.
175-185	As above.
185-195	As above.
195-205	As above.
205-215	As above.
215-225	As above.
225-235	As above.
235-245	As above.
250	As above.

GEOLOGIC SUMMARY

ROCK UNIT	TIME ROCK UNIT	
Mica Schist	Precambrian	

Virginia Division of Mineral Resources Hollis N. Walker, Geologist April 16, 1965