

OWNER: U. S. Corps of Engineer
(Deer Island Well No. 2)
DRILLER: C. C. Powell & Sons, Inc.
COUNTY: Franklin

VDMR: 1933
WWCR: 88
TOTAL DEPTH: 110

GEOLOGIC LOG

Depth in feet

0-2	Overburden - light brown silty soil, with decomposed, iron-stained fragments of phyllite
2-20	No samples
20-30	Chlorite-Sericite-Biotite Phyllite - greenish-gray, iron stained, fine-grained, almost aphanitic saprolite
30-40	"
40-50	"
50-60	Chlorite-Sericite-Biotite Phyllite - greenish-gray, iron-stained, fine-grained, almost aphanitic (weathered, sheared meta-amphibolite); with abundant dark yellowish orange limonite, and dusky-brown to dusky yellowish-brown goethite that is massive and occasionally botryoidal
60-70	"
70-90	No samples
90-100	Chlorite-Sericite-Biotite Phyllite - greenish-gray, iron-stained, fine-grained, almost aphanitic (weathered, sheared meta-amphibolite); with abundant dark yellowish orange limonite, and dusky-brown to dusky yellowish-brown goethite that is massive and occasionally botryoidal
100-110	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-2	Overburden	
2-20	No Samples	
20-60	Lynchburg Formation: deeply weathered	Late Precambrian
60-70	Lynchburg Formation: shear zone	
70-90	No Samples	
90-110	Lynchburg Formation: shear zone	

OWNER: U. S. Corps of Engineer
(Deer Island Well #2)

#1933

Virginia Division of Mineral Resources
Richard S. Good, Geologist
September 8, 1967