

OWNER: U.S. Army Corps of Engineers
(Deer Island)
DRILLER: Hickory Well Supply Co., Inc.
COUNTY: Franklin (Philpott Dam)

VDMR #1286
WWCR #65
TOTAL DEPTH: 145'

GEOLOGIC LOG

0-10	Saprolitic-Mica Schist — medium-gray with red iron oxide stain; fine-grained, foliated, corrugated; muscovite, chlorite, quartz, vein quartz.
10-20	As above.
20-30	As above — less iron stain.
30-40	As above — with abundant sugary vein quartz, minor ilmenite.
40-50	Schist (Weathered) — medium-gray, orange-brown iron stain; fine-grained; foliated; muscovite, chlorite, quartz, ilmenite, pyrite, porous vein quartz.
50-60	As above.
60-70	As above.
70-80	As above — sugary vein quartz.
80-95	Muscovite-Chlorite Schist — steel-gray, shiny, foliated; fine-grained; muscovite, chlorite, quartz, untwinned albite, pyrrhotite, pyrite, epidote, magnetite-ilmenite, apatite, minor iron oxide stain and vein quartz.
95-105	As above — less iron stain.
105-115	As above — minor contamination; limonitic clay and wood.
115-125	As above — more vein quartz; no contamination.
125-135	As above — more iron stain.
135-145	As above — less iron stain.

GEOLOGIC SUMMARY

ROCK UNIT
Schist

TIME ROCK UNIT
Precambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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