



OWNER: Sheppard and Kenner, Well #2  
DRILLER: Herman E. Hoppe  
COUNTY: Fairfax (Swinks Mill)

VDMR #1003  
WWCR #649  
TOTAL DEPTH: 80'

### GEOLOGIC LOG

0-10	Weathered Mica Schist — pale-brown; medium-fine-grained, foliated; muscovite, quartz, biotite, magnetite, clay and iron oxide; vein quartz.
10-20	minor blue-black manganese oxide associated with the vein quartz.
20-30	"
30-40	Mica Schist — pale-green and pale-brown, weathered; medium-fine-grained, foliated; muscovite, quartz, biotite, chlorite, clay and iron oxide; minor vein quartz; trace magnetite, ilmenite, limonite and manganese oxides.
40-50	"
50-60	"
60-70	"
70-80	more chlorite and vein quartz.

### GEOLOGIC SUMMARY

These samples are of mica schist of uncertain age.

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
February 17, 1966