

## CORE DESCRIPTION

BLM-5-527

560'-570'

~2.5% RECOVERY

### FLOW-BANDED RHYOLITE:

A microcrystalline-holocrystalline flow-banded rhyolite containing < 1% sanidine microphenocrysts in a matrix of sanidine, plagioclase (?) and quartz. Banding is dusky red (5R 3/4) and bluish white (5B 9/1) to very light gray (N8). The dusky red bands are finer crystalline than the light gray bands. Black (N1) magnetite phenocrysts (< 0.5 mm) show hematite haloes in thin section. Zircons, brookite or rutile, and skeletal hornblende xenocrysts are also visible in thin section. Fractures were evident during drilling but none are present in the core.

There is no visible porosity in either macroscopic or microscopic view. The rhyolite is therefore not transmissive and fluid flow is controlled by fractures. The rhyolite probably originated as a dike but could be a flow.