

SAMPLE NO: "E"

IDENTIFICATION: SHEARED ACID VOLCANICPETROGRAPHIC REPORT

CLASSIFICATION: Igneous volcanic.

TEXTURE: Porphyritic with a semi-schistose very fine grained matrix.

CHIEF MINERALS: Quartz; muscovite.

ACCESSORY MINERALS: Chlorite; sphene; pyrite; hematite-limonite staining.

COMMENTS: E, M, F, and J are a closely related series, possibly representing the late phase material from the earlier andesitic tuffs. They appear to be rhyolitic and were probably flow rocks. Development of aligned mica and recrystallized quartz within the matrix indicate shearing with probable addition of silica.

HAND SPECIMEN FIELD DESCRIPTION

Greyish, softish rock, strongly sheared. Chlorite lapilli elongated parallel to shearing direction. Minor limonite staining.