

039

771040

SAMPLE NO: "R"

IDENTIFICATION: CHLORITIZED  
ACIDIC TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic.

TEXTURE: Crystal fragments in a chloritized felsitic matrix.

CHIEF MINERALS: Quartz; sericitized alkali feldspar; minor plagioclase; chlorite (possibly after biotite or hornblende)

ACCESSORY MINERALS: Magnetite; hematite-limonite.

COMMENTS: An acidic tuff considerably chloritized. This type possibly represents the acidic end of the tuff suite. Although the bulk of the tuffs are andesitic, there has obviously been excess silica available at the time of their formation.

HAND SPECIMEN FIELD DESCRIPTION

Greenish, fiarly hard rock. Strongly altered feldspar (including pink orthoclase) chlorite and quartz phenocrysts in a fine-grained matrix. Kaolinisation, hematite and limonite staining common throughout. Abundant magnetite.