

034

771035

SAMPLE NO: "M"

IDENTIFICATION: INTERMEDIATE
CRYSTAL TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic

TEXTURE: Crystal and occasional rock fragments in a felsitic matrix.

CHIEF MINERALS: Sericitized feldspar; augite; quartz; fine-grained rock fragments.

ACCESSORY MINERALS: Magnetite; chlorite, sericite and minor epidote as alteration products.

COMMENTS: All the tuffs described belong to the same "group" and are probably closely related lithologically. Only the degree of alteration, grain size and amount of matrix varies slightly from sample to sample.

HAND SPECIMEN FIELD DESCRIPTION

Dark green, hard rock. Chlorite and altered feldspar phenocrysts in fine-grained, chloritic matrix. Abundant magnetite. Minor hematite staining on surface of rock.