

036

771037

SAMPLE NO: "O"

IDENTIFICATION: WEATHERED ACIDIC TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic.

TEXTURE: Crystal and rock fragments in a silicified and chloritized matrix.

CHIEF MINERALS: Quartz; kaolinized alkali feldspar; minor plagioclase; chlorite.

ACCESSORY MINERALS: Magnetite; hematite - limonite; pyrite.

COMMENTS: A very weathered sample with considerable development of chlorite and limonite impregnation.

HAND SPECIMENT FIELD DESCRIPTION

Greenish, soft rock. Keolinised pink orthoclase? feldspar and quartz phenocrysts set in fine-grained matrix. Minor chloritic lapilli. Limonite and hematite staining disseminated throughout.