

043

771044

SAMPLE NO: "V"

IDENTIFICATION: ALTERED  
INTERMEDIATE TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic.

TEXTURE: Rock and crystal fragments set in a felsitic matrix.

CHIEF MINERALS: Sericitized alkali and plagioclase feldspar; augite; quartz.

ACCESSORY MINERALS: Minor magnetite; chlorite; sericite, tremolite, calcite and epidote as alteration products.

COMMENTS: This is a very altered rock with some replacement of feldspar by tremolite, the appearance of calcite and patches of recrystallized quartz. Rock fragments appear to be a trachytic variety of volcanic rock.

HAND SPECIMEN FIELD DESCRIPTION

Dark green, hard rock. Fragment size up to several hundred m.m. in length, set in a finegrained, siliceous matrix. Feldspar fragments strongly altered with reaction rims common around larger fragments. Outcrop prominent. Minor magnetite and trace ironstaining.