

SAMPLE NO: "N"

IDENTIFICATION: INTERMEDIATE
CRYSTAL TUFFPETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic

TEXTURE: Crystal and rock fragments in a felsitic matrix.

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

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

COMMENTS: This rock is similar to Q. The rock fragments are very fine-grained and appear to be trachytic.

HAND SPECIMEN FIELD DESCRIPTION

Dark green, hard rock. Massive in outcrop with some resemblance to pillow lava formation where exposed in cutting. Chlorite phenocrysts with abundant magnetite set in dark chloritic matrix. Minor limonite and hematite staining on surface of otherwise fresh rock.