

02A

771025

SAMPLE NO: "C"

IDENTIFICATION: ANDESITE

PETROGRAPHIC REPORT

CLASSIFICATION: Igneous Volcanic.

TEXTURE: Porphyritic with a pilotaxitic matrix.

CHIEF MINERALS: Sericitized feldspar; pyroxene; chlorite.

ACCESSORY MINERALS: Quartz; hematite-limonite; magnetite.

COMMENTS: As with B, this sample is considerably iron-stained. Chlorite development is advanced and some recrystallized quartz indicates recrystallization of the matrix.

HAND SPECIMEN FIELD DESCRIPTION

Pale green, hard with fine grained texture. Fine lapilli of chlorite abundant with "ghost" phenocrysts of feldspar. Similar in composition to "B". Iron-staining minor.