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SAMPLE NO: "L"

IDENTIFICATION: WEATHERED ACIDIC TUFF

PETROGRAPHIC REPORT

CLASSIFICATION: Pyroclastic.

TEXTURE: Crystal fragments in a silicified matrix.

CHIEF MINERALS: Quartz; alkali feldspar; minor plagioclase.

ACCESSORY MINERALS: Chlorite; magnetite; limonite; minor pyrite.

COMMENTS: The weathering and iron-staining of this sample obscure its origins. Although there are no rock fragments in the slide they are obvious in the hand specimen.

HAND SPECIMEN FIELD DESCRIPTION

Yellowish, soft rock. Phenocrysts consist of large fragments of up to 20 mm in length as well as many smaller fragments of up to 1 mm. in length. Composition of fragments is feldspar with alteration to clay in the larger fragments. Unlike other acidic tuffs to the south, this rock is strongly limonite, rather than hematite stained. Massive in outcrop with three prominent joint directions evident.