

**SAMPLE NUMBER:** 563719, MAC-27, 865.3,

**SUMMARY:**

This sample is a massive sparsely plagioclase-phyric dacitic lava with a few chloritized augite phenocrysts.

**HAND SPECIMEN:**

This is a massive, pinkish-green almost aphyric felsic lava.

**THIN SECTION:**

This is a sparsely plagioclase-phyric dacitic lava that is similar to that above in most respects except for the following points:

- 1: this sample contains two or three small chloritized augite phenocrysts.
- 2: this sample is unbrecciated, and has a generally finer-grained groundmass than 563718, lacking the microlitic plagioclase and rounded blebs of albite that characterize that rock.
- 3: this sample contains a 1.5mm diameter inclusion composed of shallow magma chamber or conduit during ascent.

This is a texturally well-preserved dacitic lava, and is perhaps unusual in that former FeTi oxide phenocrysts are apparently absent; this is not a common feature of Hellyer sequence dacites.