Appendix 3. Petrographic thin-section photomicrographs

Petrographic thin-section photomicrograph 1: felsic crystal-metatuff
(right upper photo is plane polarized light and left lower is crossed polars)

Petrographic thin-section photomicrograph 2: felsic lithic-metatuff
Petrographic thin-section photomicrograph 3: felsic crystal-lithic metatuff

Sanidine
Embayed Quartz
Plagioclase

Lithic clast: previous fine tuff clast
CH-1-127
Felsic crystal – lithic tuff
Magnification = 25x
Field of view = 5 mm
Under crossed polars

CH-1-73.5
Magnification = 25X
Field of view = 5 mm

Plagioclase crystal lath rich mafic volcanic rock interpreted as a lava or shallow intrusive

Petrographic thin-section photomicrograph 4, mafic metalava
(right upper photo is plane polarized light and left lower photo is crossed polars)