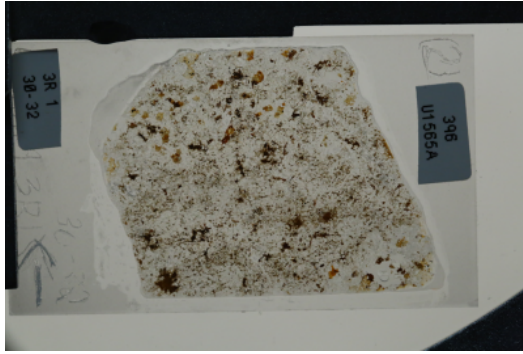
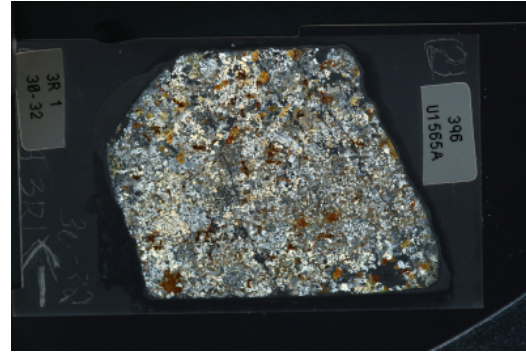


THIN SECTION LABEL ID: **396-U1565A-3R-1-W 30/32-TSB-TS1** Thin section no.:  
 Observer: SL Piece no.:  
 Thin section thickness: 35 Unit/subunit:  
 Thin section summary: weathered inequigranular two feldspars monzogranite with biotite - present ophitic texture with intergrow of plagioclase into quartz grain. Alkali felds are greatly altered and replaced by clay minerals.

Plane-polarized: 58657111



Cross-polarized: 58657171



### Intrusive Petrology

**Lithology:** biotite granite **Groundmass grain size (avg.):** fine-grained  
**Texture:** holocrystalline **Grain size distribution:** poikilitic

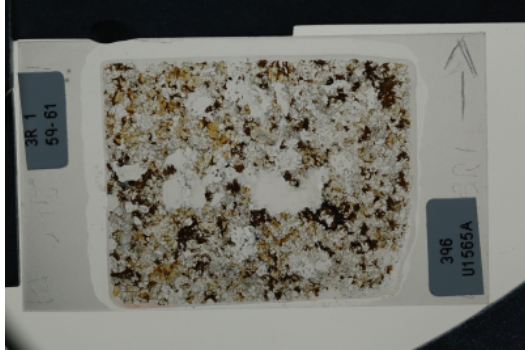
Phenocrysts	Original (%)	Present (%)	Replaced (%)	Size min. (mm)	Size max. (mm)	Shape	Habit	Comment
Plagioclase	30	80	20	1	10	euhedral	elongate	
Quartz	100	40		5	30	anhedral	equant	

Other minerals comment:

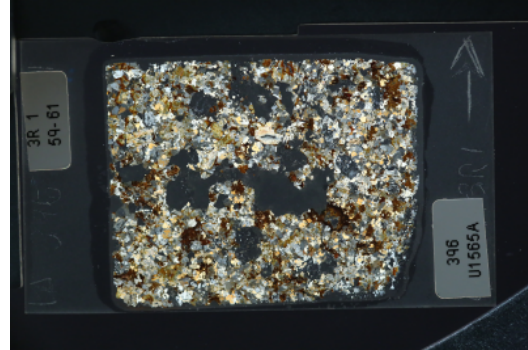
5% biotite 2-3% opaques 40% K-fds fully altered by saponite

THIN SECTION LABEL ID: **396-U1565A-3R-1-W 59/61-TSB-TS2** Thin section no.:  
 Observer: SL Piece no.:  
 Thin section thickness: 35 Unit/subunit:  
 Thin section summary: weathered inequigranular biotite monzogranite. Alkali fds are greatly altered and replaced by clay minerals. Corona of zeolite common around biotite and alkali fds.

Plane-polarized: 58656981



Cross-polarized: 58657071



### Intrusive Petrology

**Lithology:** biotite granite **Groundmass grain size (avg.):** medium-grained  
**Texture:** holocrystalline **Grain size distribution:** inequigranular

Phenocrysts	Original (%)	Present (%)	Replaced (%)	Size min. (mm)	Size max. (mm)	Shape	Habit	Comment
Plagioclase		0	100	30	5	subhedral	tabular	
Quartz	100	20				anhedral	equant	

Other minerals comment:

10% biotite 2-3% opaques large euhedral phenocrysts of K-fds very altered (30%)