

Sample No.	Classification - Composition	Fabric	Accessories	Central Mineralogical Services Comments
29927 STITT 5307500N 379610E K-Negative (T.S. 31020)	Porphyritic "Andesite". Albitised/chlorite- and epidote, feldspar laths, phenocrysts; minor chloritised?pyroxene laths with interstitial chlorite, epidote, microcrystalline albite.	Phenocrysts to 1 mm. Sheared andesitic fabric with fine lenses of chlorite (altered meso-	Leucoxenised primary opaques, rare magnetite. Trace oxidised pre-tectonic pyrite.	Small-scale chlorite lenses represent sheared, altered mesostasis. No tangible pyroclastic features. Distinct relict andesitic fabric.
29928 STITT K-Positive 5368500N 378680E	Porphyritic "Quartz Trachyandesite". Sericitised plagioclase, subordinate chloritised amphibole, biotite and ?pyroxene phenocrysts in sericite-stained felsitic quartzofeldspathic	Phenocrysts to 1.7 mm, weakly clustered. Incipiently sheared "andesitic" fabric.	Primary magnetite, apatite. Minor sphene after Ti-opaques. Traces secondary biotite.	A felsic intermediate facies (alkali andesite-monzonite). Probably a minor intrusive, but with chilled groundmass. Only accessory quartz.
29934 STITT K-Positive. 5368500N 379270E	Hybrid Tuff Lava. Pinkish clasts in chlorite-stained matrix lava. Both with epidote-stained/albite pseudomorphed clustered plagioclase phenocrysts, microfelsitic groundmass.	Irregular to angular and lenticular clasts to 1 cm+. Weak flow fabric. Phenocrysts to 2 mm.	Leucoxenised primary opaques and minor trace apatite.	Clasts relatively potassic, with gradational contacts. Hybrid clastic lava (felsic andesite/trachyandesite). Possible vent facies.
29938 STITT K-Positive 5368500N 379550E	Porphyritic Trachyandesite. Epidote- and carbonate-stained/albitised plagioclase and rare carbonated ?amphibole phenocrysts in sericite-stained microperlitic felsitic groundmass.	Phenocrysts mean 500 μ , weakly clustered, weakly flow-orientated.	Primary magnetite. Minor secondary Fe-Mg chlorite.	Plagioclase evidently relatively basic originally (hence trachyandesite as against trachyte). A weakly flow-textured glassy porphyritic lava.
29943 STITT K-Positive 5368500N 380473E	Porphyritic "Rhyolite". Heavily sericitised ?albite, sparse corroded quartz, occasional phlogopitised and chloritised/epidotised ?amphibole phenocrysts in chlorite/sericite-stained microfelsitic.	Phenocrysts to 2 mm, weakly clustered/orientated. Groundmass streaky.	Sparse leucoxenised opaques.	Probably strictly rhyodacitic. Streaky groundmass, but devoid of fragmental features. Fine chlorite in groundmass partly after biotite alteration.
29944 STITT K-Positive 5368500N 380492E	Porphyritic Rhyolite. Incipiently sericite-stained albite and sparse quartz phenocrysts in sericite-stained, weakly sheared, felsitic groundmass with recrystallized quartz spherulites.	Phenocrysts to 1.5 mm, weakly clustered. Faint fragmental fabric reflects shearing.	Semi-pervasive cloudy epidote on perlitic microfractures. Disseminated primary mag-	Essentially similar to 29943. Weakly amygdaloidal (quartz, minor epidote) and devoid of tangible primary pyroclastic features.
29950 STITT K-Negative 5369500N 37995E	Porphyritic Dacite. Weakly sericitised oligoclase (near albite) and disseminated corroded quartz phenocrysts in thoroughly sericite-stained microcrystalline quartzofeldspathic groundmass.	Feldspar phenocrysts to 1.5 mm, weakly clustered. Mildly sheared, weakly xenolithic.	Minor chlorite (in part after primary ?biotite phenocrysts). Disseminated primary magnetite.	Verges on a sodic rhyolite. Sparse cognate xenoliths (trend tuff lava). No tangible pyroclastic features. Quartz possibly xenocrystal in part.
29951 STITT K-Negative 5369500N 379210E	Porphyritic Dacite. Weakly sericite-stained oligoclase (near albite) phenocrysts in sericite-stained microgranular to microlitic groundmass.	Feldspar phenocrysts mean 500 μ to 1.5 mm, weakly clustered. Mildly sheared.	Minor chlorite (sim. 29950) and carbonate. Disseminated magnetite, rare quartz micropheno-	Very similar to 29950, but with slightly coarser groundmass and almost devoid of phenocrystal quartz and non-xenolithic.
29954 STITT K-Positive 5369500N 380790E	Porphyritic Trachyandesite. Epidote-stained/albite-pseudomorphed plagioclase phenocrysts, disseminated quartz-epidote amygdales in finely perlitic felsitic alkali groundmass with albite microlites.	Phenocrysts to 2 mm, variably clustered. Amygdales mean 500 μ . Weakly sheared.	Rare chloritised amphibole phenocrysts. Primary magnetite, leucoxenised ?ilmenite, trace apatite.	Some similarities with 29938, but abundant, relatively coarse, evenly disseminated plagioclase phenocrysts suggest minor intrusive origin. Patchy Fe-staining.

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