

SAMPLE NO: TK 650407

LOCATION: ~~East Kimberley~~

Thunderball Extended
Trench 1

SAMPLE TYPE: Rock Chip

SECTION TYPE: Thin Section

FIELD IDENTIFICATION: Altered – sericitised felsite cut by anastomosing quartz veins.

DESCRIPTION: Possible relict feldspar phenocrasts have been replaced by anhedral quartz and platy muscovite aggregates. The relict phenocrysts or phenocrasts occur in a microcrystalline quartz matrix. Scaly sericite also rims quartz in some relict clasts. Scaly sericite occurs interstitially.

A series of anastomosing veins cut the matrix and comprise anhedral quartz associated with platy muscovite, accessory tourmaline and original sulphides (opaque).

In reflected light, original sulphides in the quartz veins have been replaced by goethite.

CLASSIFICATION: *Pervasively hydrothermally altered (sericite) felsic tuff.*


