

**PRECENOZOIC SOLID GEOLOGY OF THE STRANGWAYS RANGE TO HARTS RANGE AREA**

**LEGEND**

- NEOPROTEROZOIC**
- Aus-Pz** Undifferentiated Areryonga Formation to Palaeozoic
  - Au** Undifferentiated Heaviesee Quartzite and Bitter Springs Formation
  - Aub** Bitter Springs Formation
  - Auh** Heaviesee Quartzite

- RETROGRESSED OR ALTERATION ZONE**
- Azr** Retrogressed or alteration zone
- Mordor Igneous Complex**
- Am** Ultramafic, diorite, norite, pyroxenite, phlogopite, staurolite, zirconite intrusives
  - Amu** Zoned ultramafic plugs (Brazehart trondhjemite)

- HARTS RANGE OROGENIC BELT**
- Ahr** Indirna Supracrustal Assemblage undifferentiated
  - Aha** Amphibolite
  - Ahp** Pelitic and semipelitic gneiss
  - Ahq** Pure and impure quartzite, marble and calc-silicate rocks

- Metamorphosed Intrusive Rocks**
- Ahg** Granite
  - Ahm** Mafic rocks
  - Ahu** Ultramafic rocks

- FLORENCE DETACHMENT ZONE**
- Afb** Bruua Gneiss (mylonitised and metamorphosed granite)
  - Afm** Metamorphosed mafic rocks
  - Af** Florence Metamorphics (mylonitised granulite facies rocks of Strangways Metamorphic Complex)

- STRANGWAYS METAMORPHIC COMPLEX**
- Entia Gneiss Complex**
- Aag** Tonalitic and granitic gneiss with minor metasediments
  - Aca** Amphibolite
  - Acm** Metamorphosed mafic rocks
  - Acu** Metamorphosed ultramafic rocks

- Oonagalabi Gneiss Complex**
- Aog** Granitic gneiss with minor metasediments
  - Aoa** Amphibolite
  - Aom** Mafic granulite

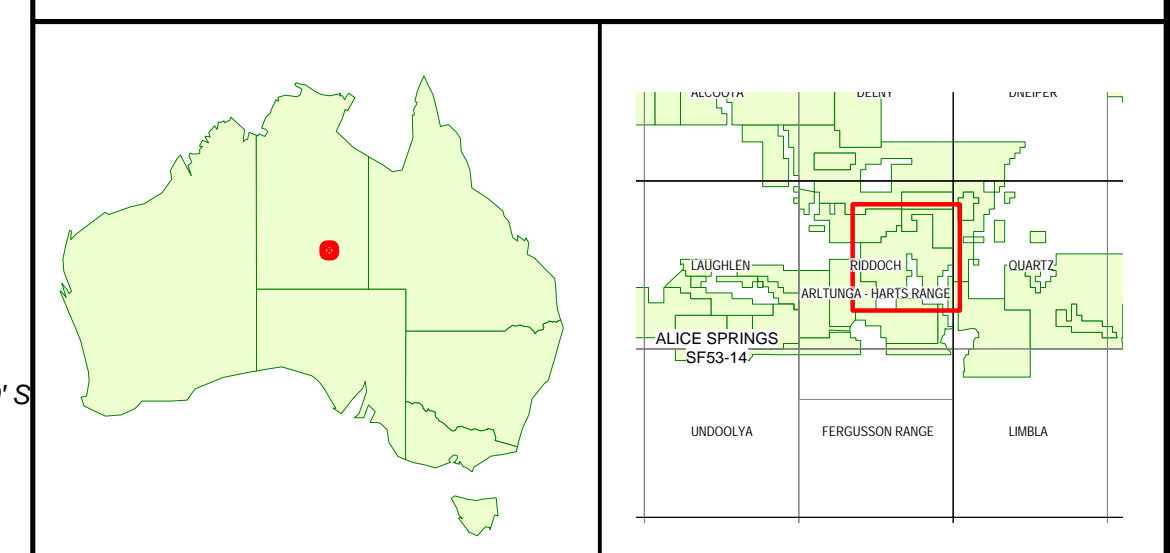
- Artlunga Gneiss Complex**
- Aa** Undifferentiated granitic gneiss, tonalitic gneiss, amphibolite and minor metasediments
  - um** Ultramafic

- Cadney Metamorphics**
- Ac** Undifferentiated amphibolite to granulite facies metasediments and minor gneisses, with characteristic marble, calc-silicate rocks

- The Garden Metamorphics**
- At** Undifferentiated mafic and felsic granulite with minor metasediments and gneisses
  - um** Ultramafic

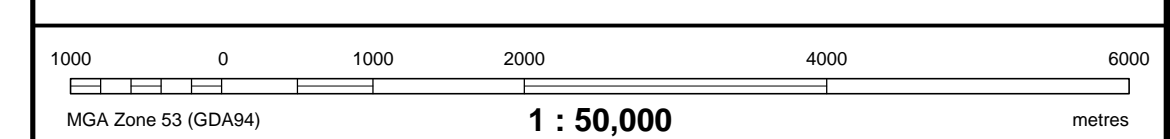
- Undivided metamorphic rocks**
- Aa** Undivided metamorphic rocks
  - Ak** Kanandra Metamorphics

- Lithological boundary
- - - - - Unconformity boundary
- Trend of layering
- Fault related to Alice Springs Orogeny
- Thrust and nappe structure related to Neoproterozoic Artlunga Orogeny
- Ductile shear zone
- Undifferentiated fault or thrust
- Syncline fold related to Alice Springs Orogeny
- Anticline fold related to Alice Springs Orogeny
- Upright synform fold related to Artlunga Orogeny
- Overturned syncline fold related to Artlunga Orogeny
- Upright antiform fold related to Artlunga Orogeny
- Overturned anticline fold related to Artlunga Orogeny
- Age differentiated overturned synform fold
- Age differentiated overturned antiform fold
- Strike and dip of bedding or layering
- Lineation



**TANAMI GOLD NL**  
BRUMBY DAM

**REGIONAL GEOLOGY**



ORIGINATOR: M.E.Kavanagh DATE: June 2003 DRAWN: M.H.Bailey  
PLAN No: 47011\_Gi\_001 **PLATE 2**

