184 000 | 188 000 | 192 000 | 196 000 | 200 000 | 204 000 | 208 000 | 212 000

132° 05' | 132° 10' | 132° 15' | 132° 20'

8472 000 | 8468 000 | 8464 000 | 8460 000 | 8456 000 | 8452 000 | 8448 000 | 8444 000

13° 50' | 14° 00' | 13° 55'

Anticlinal Structure plunging south

Much tighter folding and likely layer-parallel faulting

Hornfelsing obscures layering

Wandie Area

Local mag high 200nT

Copper zone

Thrust?

Snowdrop

Burrell Ck to Tollis transition ?mag stratigraphy?

Golden Eye

"Mako" Magnetic anomaly

Wolfram Hill

? ROOF PENDANT

Later phase of intrusion

Possible buried mag granite per Peters' interp

Underlying mag granite disrupting SW plunging anticline?

Burrell Ck to Tollis transition ?mag stratigraphy?

LEGEND

GRANITES

Intrusion subdivision based mainly on radiometrics
note internal contacts indicating subtle radiometric zonation

- Wolfram Hill Granite - Interpreted later phase of intrusion; very high K, Th, moderate U.
- Wolfram Hill Granite Interpreted "core phase"; very high Th, very high to moderate U, high K.
- Wolfram Hill Granite - Interpreted earlier phase ; very high Th, U, K.
- Wolfram Hill Granite - Interpreted marginal zone of earlier phase; high Th, high U, moderate K.
- Wandie Granite - High K, U, Th
- McCarthys Granite - Extensive intrusion with variable radiometric signature.
- Driffields Granite - Moderate K, Th, low U
- Radiometric contact or break within the granites

MAGNETIC ROCK UNITS

- Strongly "continuous", "coherent", magnetic stratigraphy, iron rich metasediment. Predominantly within the Burrell Creek Formation, and some Tollis Formation. Moderate to highly magnetic.
- Moderately continuous magnetic stratigraphy.
- Discontinuous magnetic stratigraphy. Moderate to weakly magnetic.
- Weakly magnetic, discontinuous stratigraphy.
- Weakly magnetic unit discordant with surrounding magnetic stratigraphy, probably mafic dykes, possibly zones of secondary mineralisation.
- Discrete magnetic anomalies, small local intrusions? Mineralisation?
- Possible demagnetisation zones
- Local Uranium highs

MAGNETIC STRUCTURES

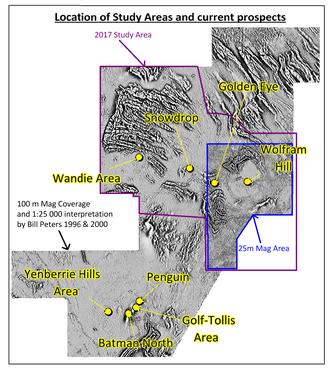
- Fault showing evidence of displacement
- Contact, fracture or trend
- Anticline axis
- Syncline axis

STRUCTURAL AND STRATIGRAPHIC ZONES

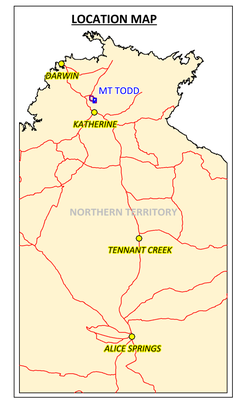
- Anticlinal structure
- Synclinal structure
- Distinct interval in Tollis Formation
- Distinct interval in Burrell Ck Formation

- Current study area
- Detailed survey area
- Current Prospect Areas

Location of Study Areas and current prospects



LOCATION MAP



N

0 | 2,000 | 4,000

metres

SCALE 1: 40 000

DATUM: GDA94
GRID: MGA ZONE 53

SOUTHERN GEOSCIENCE CONSULTANTS

VISTA GOLD
MT TODD PROJECT
MAGNETIC AND RADIOMETRIC
SUMMARY INTERPRETATION 2017

SCALE: 1: 40 000	GEO: K. GILGALLON
DATE: 29-06-2017	GIS: S. HARDY-JOHNSTON

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