TANAMI GOLD NL
(A.C.N. 000 617 176)

RELINQUISHMENT REPORT
FOR PART OF
EL 8515
PUTURLU

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1. SUMMARY

Puturlu EL 8515 is located within the Palaeoproterozoic Tanami-Arunta Province. The property is being explored and managed by Tanami Gold NL (TGNL).

The only exploration over the relinquished portion of EL 8515 during the period of tenure was completed in the 1999 field season and was limited to ground cleared for exploration by the Central Land Council (CLC). Only a small portion of the relinquished area (in the northwest corner) was cleared for exploration by the CLC. Exploration completed during 1999 included:

- Acquisition of aerial photographs for the whole tenement area (to assist with field mapping and sampling);
- Reprocessing NTDME aeromagnetic data;
- Reconnaissance soil geochemical sampling over CLC cleared parts of the tenement; and
- There was no sampling carried out within the relinquished area of the tenement.

2. INTRODUCTION

Tanami Exploration NL, A.C.N. 063 213 598, (TENL), a wholly owned subsidiary of TGNL, acquired a 100% interest in EL 8515 from Sons of Gwallia Limited (SOG) pursuant to a Letter Agreement dated 24 December 1998. The tenement forms part of the Nardudi Project together with Exploration Licences 8514, 8517 and 8957.

Approximately three days of field work was undertaken on EL 8515 during November 1999 as part of a regional program of geological mapping, soil and lag sampling over the Nardudi Project area.

This report summarises work completed on the relinquished portion of EL 8515 during the period of tenure.

3. LOCATION AND ACCESS

The Puturlu licence (EL 8515) is located within the Mt Theo 1:250,000 Sheet (SF 52-8). The tenement is centred in the Tanami Desert, approximately 400 kilometres by road northwest of Alice Springs (Figure 1). Access from Alice Springs is via the Stuart Highway and the Tanami Highway, then approximately 30 kilometres along the Mt Theo Community access track. This track runs to the south of the tenement.

Vehicular access to the area is generally good for light 4WD vehicles. Despite the absence of tracks on the tenement, access over sand and spinifex was found to be relatively easy.

4. TENURE

EL 8515 was granted to Sons of Gwallia Limited (SOG) on 10 January 1997 over an area of 264 blocks and the area was reduced to 122 blocks on 16 February 1998. A partial waiver of reduction due at the end of the third year of term was lodged with the Titles Division. The partial waiver is in respect of 39 blocks and a further 22 blocks which are the subject of this report have been relinquished. The relinquished area lies within the eastern part of the tenement.
Tanami Exploration NL, A.C.N. 061 213 598, (TENL), a wholly owned subsidiary of TGNL, acquired a 100% interest in EL 8515 from SOG pursuant to a Letter Agreement dated 24 December 1998. The tenement forms part of the Nardudi Project together with Exploration Licences 8514, 8517 and 8957.

EL 8515 lies entirely on Aboriginal Land within the Central Desert Land Trust area. Consent to explore the land was granted by the Central Land Council (CLC) following successful negotiations with the Traditional Owners and the CLC. The CLC cleared the northern part of the tenement for exploration during 1999.

Figure 1 shows the tenement location, the area cleared for exploration by the CLC and the relinquished portion of the licence.

5. TENEMENT GEOLOGY

EL 8515 lies within the northern sector of the Lower Proterozoic Tanami-Arunta Province (an informal TENL term).

The tenement lies south of the well-defined ‘magnetic’ terrane which hosts the Abrolhos Prospect 50km to the northwest. The aeromagnetic data indicates that the whole tenement area encompasses a region of low magnetics. A basement of non-magnetic Arunta Complex has been interpreted, although a non-magnetic granite basement is also possible.

The tenement area is within the Yalooorrie Creek floodplain, with no recorded outcrop of Lower Proterozoic rocks. Although a number of Trans Tanami Faults are interpreted to cross the tenement area there are no existing target zones. No outcrops were observed during the 1999 reconnaissance program. Aeolian sand covers the entire tenement area.


No work was conducted by SOG during the first two years of term.

7. YEAR 3 EXPLORATION PROGRAM (1999)

Exploration in 1999 was conducted by TENL. Acquisition of aerial photography and reprocessing of NTDME airborne magnetic data was followed by a program of regional soil geochemical sampling and field checking of interpreted regolith geology. No sampling programs were carried out within the relinquished portion of the tenement.

7.1 Data Acquisition

A set of contact print aerial photographs covering the tenement area was acquired prior to the commencement of fieldwork on EL 8515. The photographs were used to aid field mapping in order to accurately position control points in the field and negotiate areas of sand dunes.

Alternate prints for seven runs of 1986 RC10 aerial survey photography were obtained for the Mount Theo Sheet (SF 52-8). These are detailed in Table 1.
NTDME aeromagnetic survey data was reprocessed and plotted as a reduced to the pole TMI image (Fig. 2). The reprocessed aeromagnetic data has been incorporated into the Company’s regional aeromagnetic database.

Table 1: Acquired Aerial Photography – Mount Theo Sheet (SF 52-8)

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<th>To Print</th>
<th>Total</th>
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7.2 Reconnaissance Geology

Examination of the air photos indicated the likelihood of total aeolian sand cover over the tenement area. This was confirmed by field checks undertaken at the same time as the regional soil sampling program described below.

7.3 Regional Soil Sampling

A regional soil sampling program was carried out over the Puturlu tenement area. No samples were collected from the relinquished portion of EL 8515.