ANNUAL REPORT

ANNUAL REPORT FOR EL 7803 Tanami Lakes

for the period
01/05/2008 to **30/04/2009**

Coomarie
NORTHERN TERRITORY

Volume **1** of **1**

1:250,000 SHEET:	Tanami	SE52-15
	The Granites	SF52-03
1:100,000 SHEET:	Frankenia	4857
	Tanami	4958

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TENEMENT HOLDERS: Australian Tenement Holdings Pty Ltd

DISTRIBUTION:

- ❑ Northern Territory Department of Regional Development, Primary Industry, Fisheries and Resources
- ❑ Newmont Asia Pacific
- ❑ Central Land Council

SUMMARY

This is the annual report on EL 7803 for the period 1st May 2008 to 30th April 2009.

No field exploration was carried out over the tenement during the reporting period.

It is important for ATH to ensure that there is a reasonable amount of exploration land to include with the TMJV/Groundrush Mining Leases as a saleable package. If we reduce the ATH landholdings in the vicinity of the TMJV/Groundrush Mining Leases and processing infrastructure, the likelihood of securing a sale to an established junior Mining Company or Initial Public Offerings may be diminished. In addition, all of the area covered by the project area is considered prospective for gold mineralisation similar to the Tanami, Twin Bonanza, Old Pirate & Groundrush deposits and any purchaser will require time to effectively evaluate the exploration potential of the area.

Further to our recent discussions with the Department of Regional Development, Primary Industries, Fisheries and Resources, Newmont Australia Limited (Newmont) anticipates recommencing the divestment of the ATH exploration tenements and TMJV/Groundrush mining leases in the second half of 2009 subject to an improvement in market conditions.

During 2009 Newmont is planning to continue with its environmental auditing of ATH tenements to ensure the success of previous rehabilitation of exploration disturbances.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

1. INTRODUCTION

EL 7803 – Tanami Lakes – as part of the Coomarie Project, was granted to Australian Tenement Holdings Pty Ltd on 13th October 1997. This report is the annual report on exploration carried out on the tenement for the period 1st May 2008 to 30th April 2009.

2. TENEMENT DETAILS

Tenement details are listed in Table 1:

Table 1: Tenement Summary for EL 7803

Licence	Status	Grant Date	Area/Blocks
EL 7803	Granted	13/10/1997	41

3. LOCATION AND ACCESS

EL 7803 is located on the Tanami and The Granites 1:250 000 map sheets (Tanami 4858 and Frankenia 4857), approximately 650 km northwest of Alice Springs. Access is by air or via the Tanami Highway and a network of pre-existing and newly formed tracks and can be limited during the wet season (December to March).

4. GEOLOGY

The oldest exposed basement in Central Australia comprises metamorphic and igneous rocks of the Arunta Inlier. Rocks of the Arunta Inlier are interpreted as being at least partly correlative with sedimentary and volcanic sequences of the adjacent Tennant Creek and Granites-Tanami Inliers.

The Arunta Inlier (Early-Middle Proterozoic) is characterised by metamorphosed sedimentary and igneous rocks of low to medium pressure facies. Deformation and regional metamorphism to upper greenschist facies took place between 1810-1750 Ma. Shaw and Stewart (1975) established three broad stratigraphic subdivisions based on facies assemblages and lithological correlations. From oldest to youngest, these subdivisions are named Division 1, 2 and 3. Using this model defined by Shaw and Stewart (1975), the orthogneiss east of Osborne Range, the calc-silicate rocks west of Crawford Range and the Bullion Schist would be included in Division 2, and the Ledan Schist in Division 3 of the Arunta Inlier.

Unconformably overlying these rocks are the Hatches Creek Group sediments and volcanics. Blake et al. (1987) formally subdivided the Group into the Ooradidgee, Wauchope and Hanlon Subgroups, comprising a total of 20 Formations and two Members. The Hatches Creek Group is a folded sequence of shallow-water sediments with interbedded volcanic units which reach thicknesses of at least 10,000 metres.

The sedimentary rocks include ridge-forming quartzites, felspathic, lithic and minor conglomeratic arenites and friable arenite, siltstone, shale and carbonate. The Ooradidgee Subgroup consists mainly of fluvial sedimentary and sub-aerial volcanic rocks which partly interfinger. The Wauchope Subgroup is characterised by large volumes of volcanic and sedimentary rocks probably both marine and fluvial in origin. The Hanlon Subgroup may be entirely marine and lacks volcanic rocks.

Deformation and regional metamorphism took place between 1810-1750 Ma. Folding was about NW trending axes while metamorphism to upper greenschist facies took place. Later intrusion of both the Arunta basement and the Hatches Creek Group by granitoids of the Barrow Creek Granitic Complex took place around 1660 Ma. Contact metamorphism and metasomatism are often observed.

Sedimentation associated with the Georgina Basin commenced during the Late Proterozoic with the Amesbury Quartzite and was terminated during the Early Devonian after deposition of the Dulcie Sandstone. The Georgina Basin sequence was mildly affected by the Carboniferous Alice Springs Orogeny.

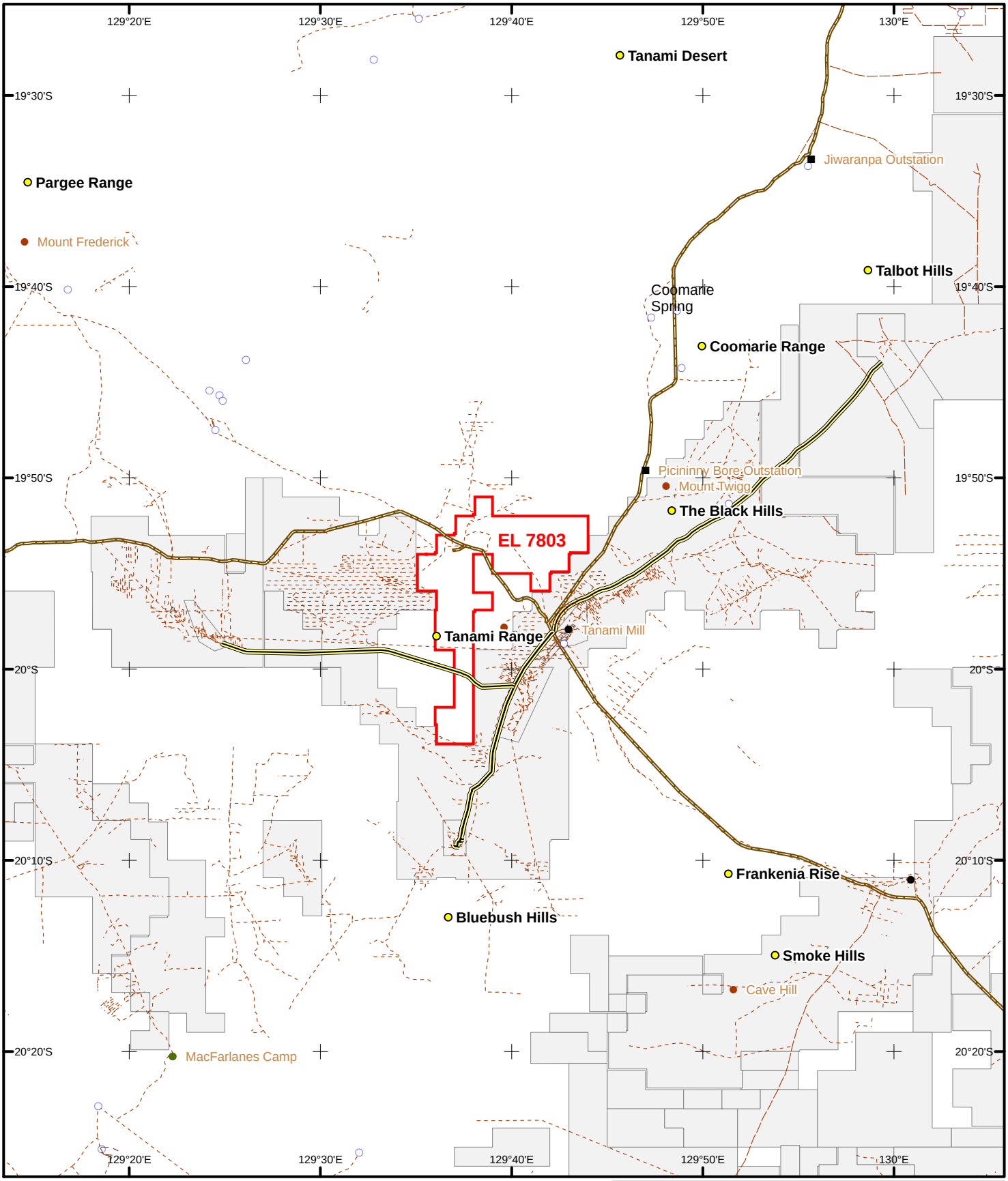
A long erosional period followed with subsequent deep weathering during the Tertiary produced silcrete and ferricrete horizons. A veneer of Quaternary sands and soils overlays much of the area, except where recent and active alluvial sedimentation is present.

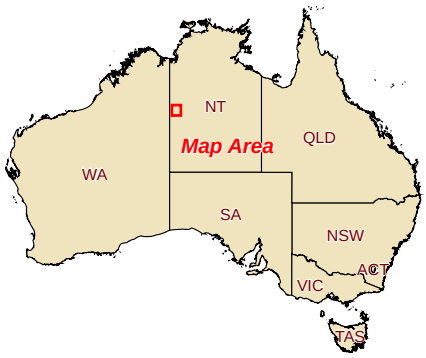
5. EXPLORATION DURING THE REPORTING PERIOD

No field exploration was carried out over the tenement during the reporting period.

During 2009 Newmont is planning to continue with its environmental auditing of ATH tenements to ensure the success of previous rehabilitation of exploration disturbances.

Figure 1 Access





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NEWMONT EXPLORATION PTY LTD

Tanami Project

EL 7803

LOCATION AND ACCESS

Author: M. Eisenlohr	Scale: 1:500 000
Drawn: V. Preedy	Date: 1/5/2009
File: TAN_Lnd_Ten_A4_EL7803Access.mxd \AUS\NT\Tanami_Tenements\MXD\Reports\	Projection: Lat/Long (GDA 94)

6. REFERENCE LIST

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BIBLIOGRAPHIC DATA SHEET

HOLDER	Australian Tenement Holdings Pty Ltd
PROJECT	Tanami East
TENEMENTS	**EL 7803**
REPORT NUMBER	CR34187
DATE	May 2009
AUTHORS	M. Eisenlohr
STATE	NT
LATITUDE	-19°51’ to -20° 24’
LONGITUDE	129° 35’ to 129° 44’

1:250 000 SHEET	Tanami	SE52-15
	The Granites	SF52-03
1:100 000 SHEET	Frankenia	4857
	Tanami	4958
COMMODITY	Gold	
KEYWORDS		