



TANAMI EXPLORATION N.L.

ABN 45 063 213 598

RELINQUISHMENT REPORT

EL 24454

PULPIT

HUCKITTA PROJECT

15 June 2005 to 14 June 2008

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July 2008

Distribution:

- o Department of Primary Industry, Fishery and Mines (1)
- o Central Land Council (1)
- o Tanami Gold NL (1)
- o Mithril Resources Ltd (1)

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DIGITAL APPENDICES (supplied on CD)

File name

HK_WASG3_SSASSAY_2008P

HK_WASG3_SURF_2008P

Description

Surface sampling assay results

Surface Sampling

1.0 SUMMARY

The Huckitta project is situated approximately 200 kilometres northeast of Alice Springs in the Northern Arunta block of the North Australian Craton (**Figure 1**). It consists of **EL 24454 'Pulpit'** and EL 22924 "Delny" (**Figure 2**).

On 13 April 2007, **EL 24454 'Pulpit'** along with EL 22924 "Delny", was incorporated into a new joint venture arrangement between TENL and Mithril Resources Limited (Mithril). Mithril focused their activities on exploration for nickel.

EL 24454 'Pulpit' is granted to Tanami Exploration NL (TENL), a wholly owned subsidiary of Tanami Gold NL (TGNL), a publicly listed company. This report describes exploration carried out by TENL and Mithril on the surrendered portions of **EL 24454** from 15 June 2005 to 14 June 2008.

Exploration during the three years included a review of historical exploration, geological prospecting, field reconnaissance and twelve surface samples (**Figure 3**). The review highlighted the fact that no systematic exploration for nickel or other base metals had been completed. No significant mineralisation or anomalism was identified on the relinquished tenement area.

2.0 INTRODUCTION

The tenements of the Huckitta project are situated approximately 200 kilometres northeast of Alice Springs in the Northern Arunta block of the North Australian Craton (**Figure 1**). Access to the tenement area is via the Stuart Highway and then the Plenty Highway, which passes to the south of the tenements of the Huckitta project. Vehicular access is very good onto the tenements with several tracks allowing access. The topography is typical of rugged gneissic Arunta terrain, however the rock fabric allows east-west access within valleys that lie between ridges of resistant lithological units. Vegetation is reasonably sparse allowing good cross-country access.

This report describes exploration carried out by TENL and Mithril on the surrendered portions of **EL 24454** in the first three years of tenure.

3.0 TENURE

On 13 April 2007, **EL 24454** along with EL 22924 "Delny", was incorporated into a new joint venture between TENL and Mithril Resources Limited (Mithril). An application was made to amend the Huckitta combined reporting status to reflect the new project area. Tenement details for EL24454 are shown in **Table 1**.

Table 1: Tenement Details

Tenement	Name	Date Granted	Expiry Date	Blocks Granted	Block Relinqu	Blocks Retained
EL24454	Pulpit	15 Jun 05	14 Jun 11	303	71	232

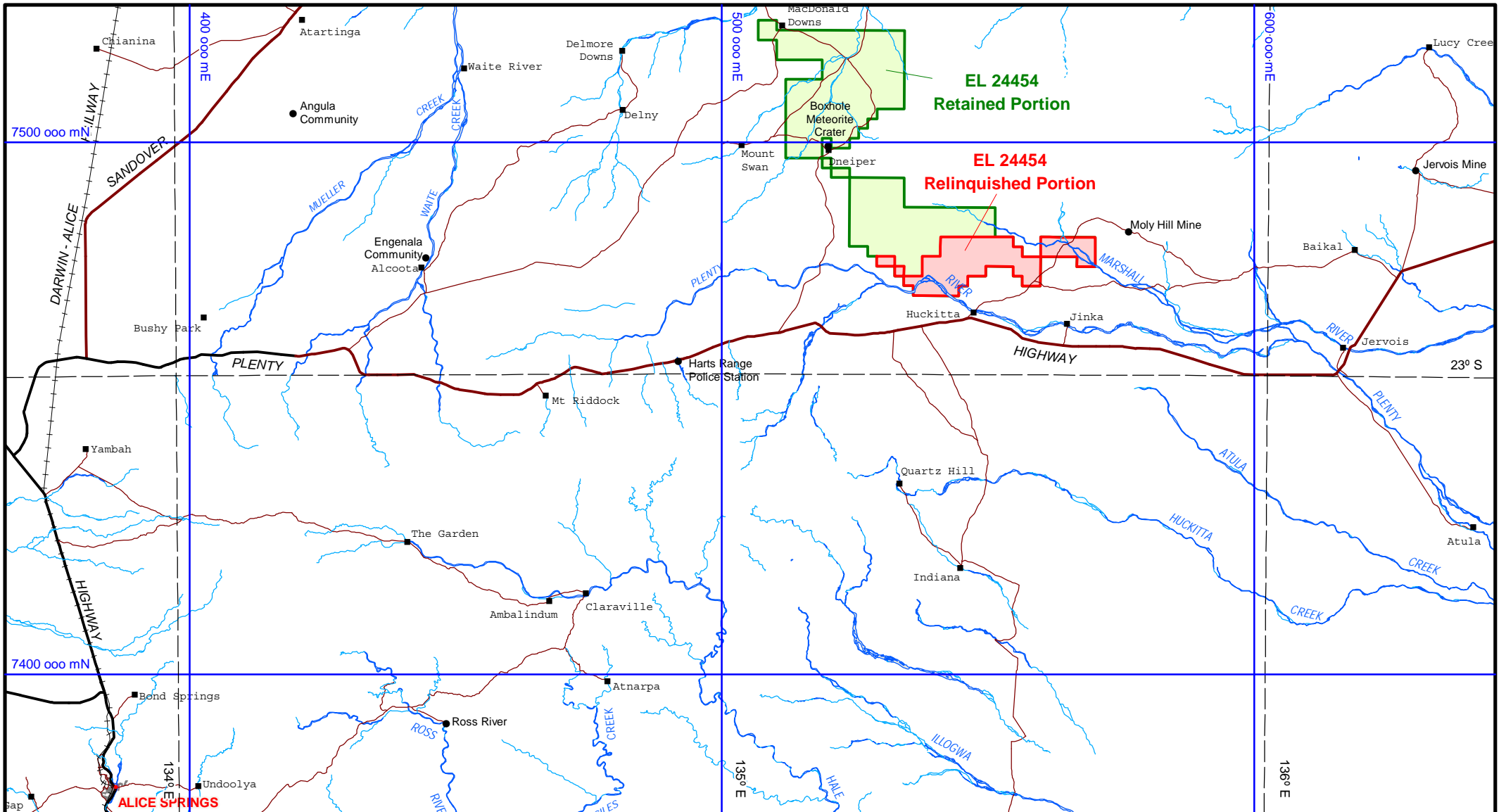


FIGURE 1

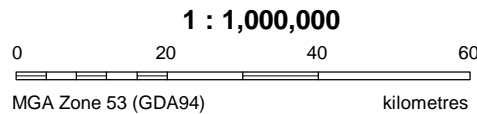
ORIGINATOR:
J. Rohde

DATE:
July 2008

DRAWN:
M.H.Bailey

HUCKITTA

TANAMI GOLD NL



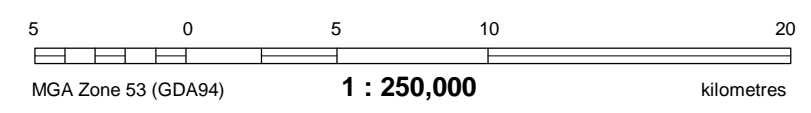
**EL 24454 PARTIAL RELINQUISHMENT
TENEMENT LOCATION**

PLAN No: **CAP_HK_1_0_007**

TANAMI GOLD NL

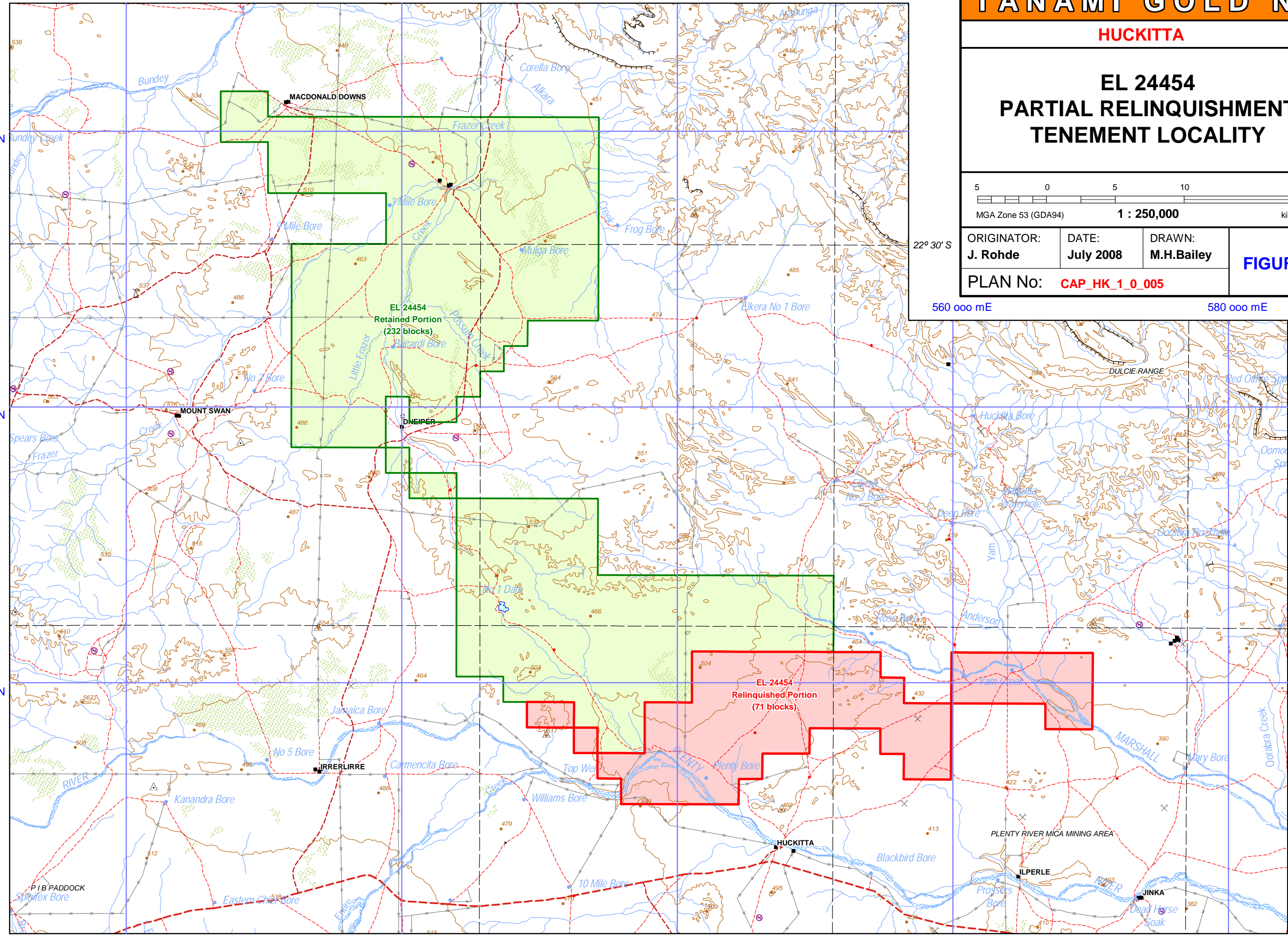
HUCKITTA

EL 24454 PARTIAL RELINQUISHMENT TENEMENT LOCALITY



ORIGINATOR: J. Rohde	DATE: July 2008	DRAWN: M.H.Bailey
PLAN No: CAP_HK_1_0_005		

FIGURE 2



7 520
000 mN

7 500
000 mN

7 480
000 mN

500 000 mE

520 000 mE

540 000 mE

22° 30' S

22° 45' S

560 000 mE

580 000 mE

135° 00' E

135° 15' E

135° 30' E

135° 45' E

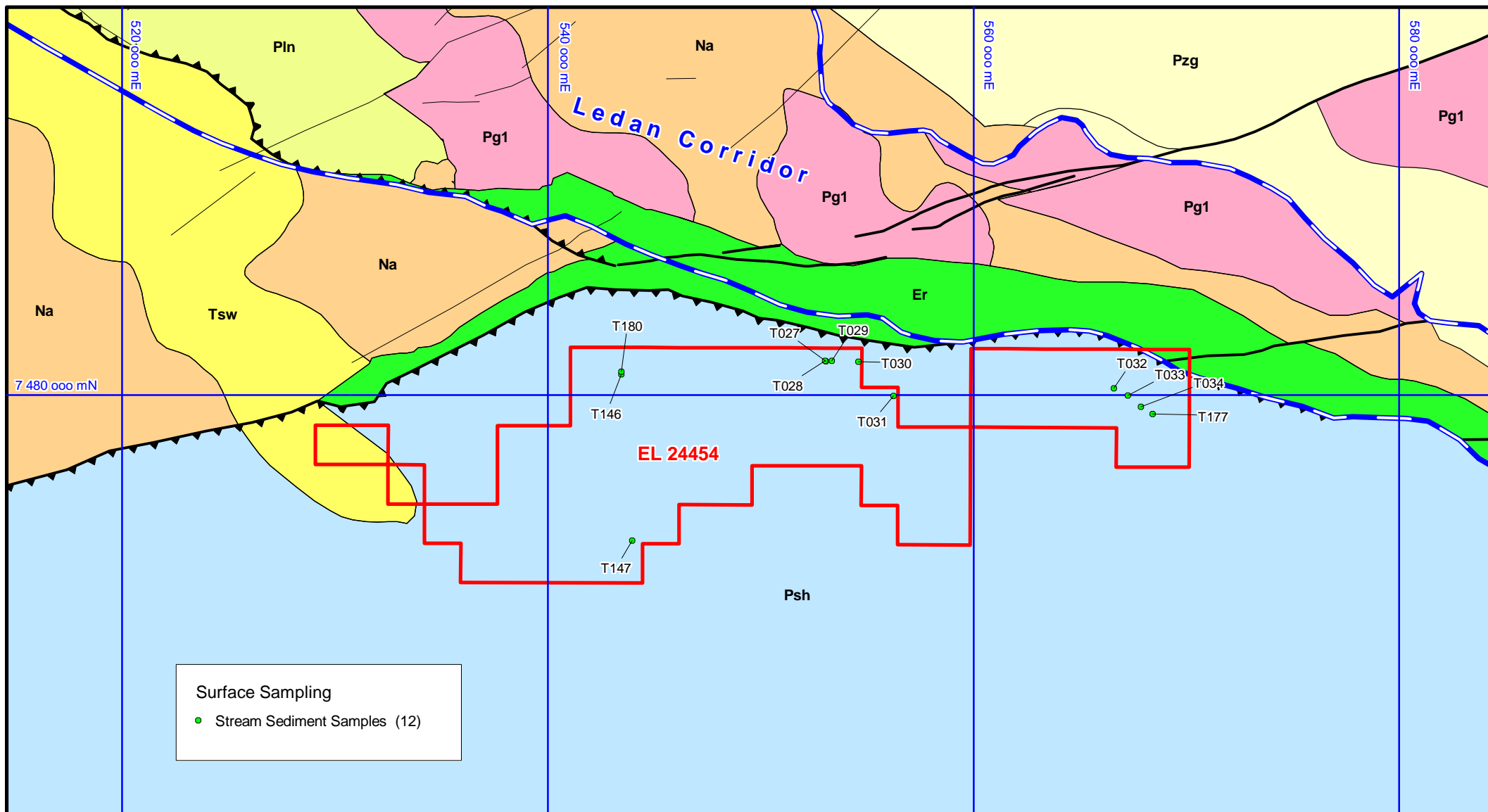
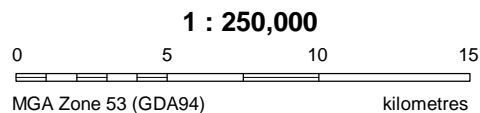


FIGURE 3

ORIGINATOR: J. Rohde	DATE: July 2006	DRAWN: M.H.Bailey
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HUCKITTA

**EL 24454 PARTIAL RELINQUISHMENT
INTERPRETED GEOLOGY & SURFACE SAMPLES**

TANAMI GOLD NL

PLAN No: **CAP_HK_5_005**

For the purposes of conducting initial reconnaissance exploration, a 'self clearing' program was granted by the CLC in September 2003, whereby TENL could conduct a geological appraisal of the tenements and wide-spaced non-systematic ('grab') sampling to assess prospectivity. Areas of possible cultural significance recorded within the Aboriginal Areas Protection Authority (AAPA) database were noted and avoided.

In November 2006 a work area clearance survey was undertaken by the CLC over parts of **EL 24454** and EL 23636 which allowed more detailed surface geochemistry and mapping to be undertaken on the tenements. Several exclusion zones were also identified.

4.0 GEOLOGY

The interpretive geology for the Huckitta project tenements is shown on **Figure 3**, which is based on a regional interpretation compiled for TENL by Dr Ding Puquan in April-May 2001 (Ding, 2001). This area was re-interpreted by Deng in 2002 and again by Luc English in 2006. Both tenements are located on the Huckitta 1:250,000 sheet SF53-11 Geological sheet.

A major east-west orientated retrograde shear zone, the Delny-Mt Sainthill shear zone, transects the southern part of **EL 24454**, separating granites to the north from Irindina Metamorphics to the south. TENL's interpretative Tanami-Arunta mapping (**Figure 3**) shows an additional major ESE structure to the south of the Delny-Mt Sainthill shear zone.

5.0 EXPLORATION COMPLETED

5.1 TENL Exploration 2005 / 2007

In Central Australia TENL's exploration focussed on the Ledan Corridor, which is shown on **Figure 3**. A geological interpretation based on the NTGS fact mapping and the aeromagnetic data was conducted with the hope to define the boundaries of the Ledan Schist host unit (**Figure 3**), which is considered to be a prospective host for gold mineralisation.

A reconnaissance trip was undertaken in September 2006. Outcrops of Ledan Schist along the entire length of the Ledan Corridor were visited as well as the western extent of the mapped retrograde greenschist facies along the Delny-Mt Sainthill shear zone.

5.2 MITHRIL Exploration 2006 / 2007

Work carried out on Exploration Licence 24454 by JV partner Mithril Resources Limited, consisted of geological compilation and target generation in preparation for an airborne EM Survey.

Mithril completed a review of historical exploration over the Tanami Tenement during the reporting period. The review highlighted the fact that no systematic exploration for nickel or other base metals had been completed and thus is the focus for Mithril's involvement in the project.

5.3 Geochemical Sampling

A total of twelve stream sediment samples were collected by Mithril in the relinquished area but were not assayed.

The stream sediment sample data is included in the digital appendix. Sample locations are shown on **Figure 3**.

6.0 BIBLIOGRAPHY

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