

Partial Surrender Report  
for EL40/2008 East Lisle  
for the Period 13 January 2009 to 12 January 2010

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## **ABSTRACT**

EL40/2008 East Lisle is located 25km north-east of Launceston in north-east Tasmania and covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period in the area surrendered comprised compilation and review of previous exploration data. This failed to highlight areas with sufficient grade and tonnage potential to justify further work.

## **KEYWORDS**

Geology/Mineralisation

Mathinna Group

Minerals

Gold

Deposits/Occurrences

Lisle

## **COORDINATES**

All lat/long co-ordinates in this report refer to the GDA Datum

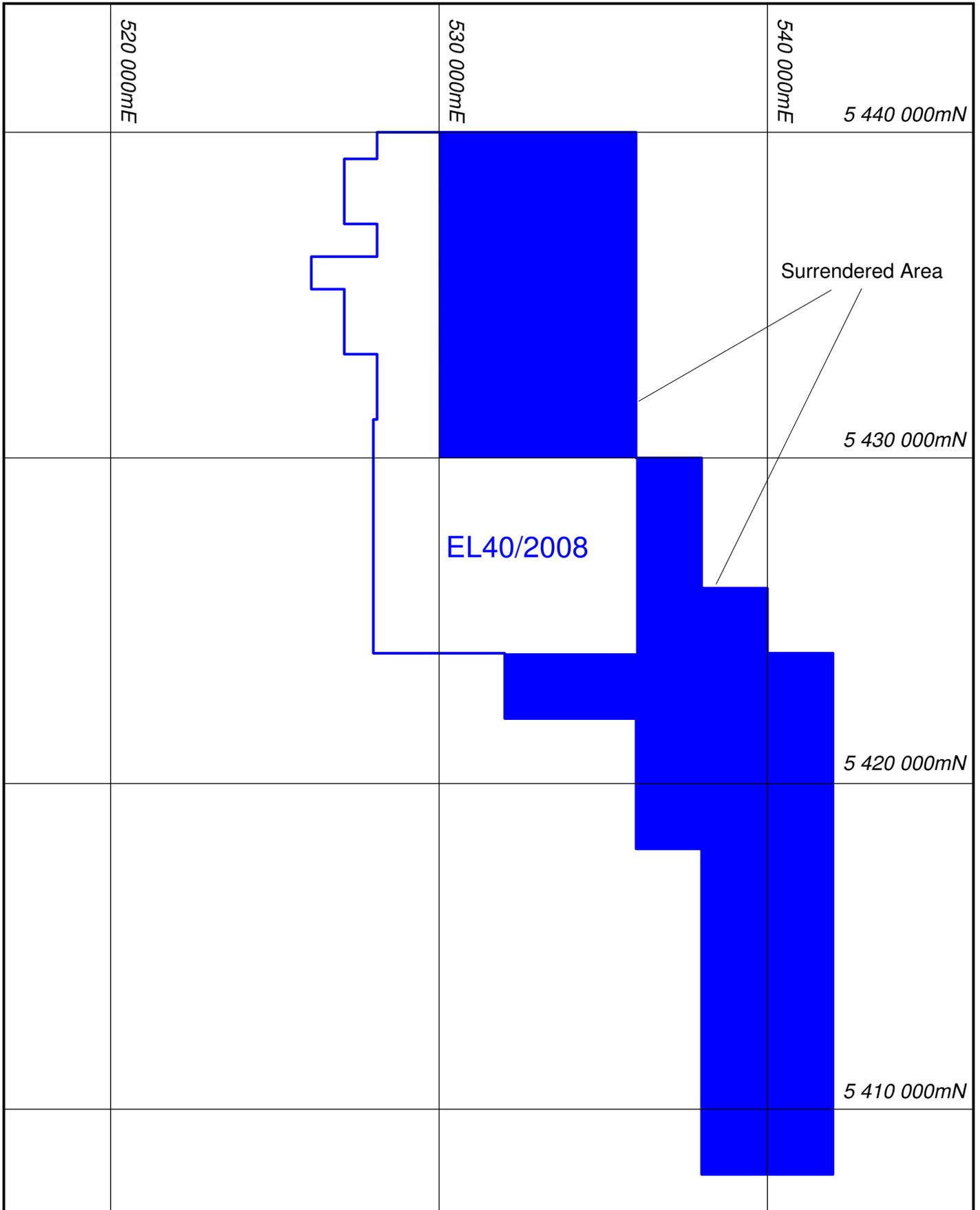
All AMG co-ordinates in this report refer to the GDA94 Datum - Zone55

## FILE SUMMARY LIST

File Name	Format	Contents
el402008_201001_01_report	pdf	report

### **SUMMARY OF ACTIVITIES FOR PARTIAL SURRENDER OF EL40/2008 EAST LISLE FOR THE PERIOD 13 JANUARY 2009 TO 12 JANUARY 2010**

- Compilation and review of previous exploration data



GDA94-ZONE55



**N**



**GREATLAND PTY LTD**

**EL40/2008 EAST LISLE**

Exploration Index Map

Partial Surrender

## CONTENTS

	page
1.0 Introduction	1
2.0 Tenement Details	1
3.0 Location and Access	1
4.0 Geology and Mineralisation	2
5.0 Previous Exploration	2
6.0 Work Carried Out During the Tenure Period	3
7.0 Conclusions	3
References	4

## FIGURES

Figure 1	Project Location Map	in text
Figure 2	Regional Geology	in text
Figure 3	Project Geology	in text

## TABLES

Table 1	Tenement Details	1
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## 1.0 Introduction

This report details the activities completed within the surrendered area of EL40/2008 during the period 13 January 2009 to 12 January 2010. The lease is located 25km north-east of Launceston in north-east Tasmania.

The surrendered tenement area covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period in the area surrendered comprised compilation and review of previous exploration data.

## 2.0 Tenement Details

EL40/2008 East Lisle was applied for by Greatland Pty Ltd during May 2008 and was granted during January 2009. A variation in licence area was approved in June 2009. The surrendered area covers approximately 160 square kilometres. Tenement details are shown in Table 1.

Table 1 – Tenement Details

Tenement	Holder	Date Applied	Date Granted	Surrendered Area
EL40/2008 East Lisle	Greatland Pty Ltd 100%	20 May 2008	13 Jan 2009	160km <sup>2</sup>

## 3.0 Location and Access

EL40/2008 East Lisle is located 25km north-east of Launceston in north-east Tasmania (Figure 1). The tenement forms the Company's East Lisle project (Figure 2). The bulk of land within the tenement is logged state forest and timber plantation, with minor areas covering private farming land.

The project lies within the Tasmania NE (SK55-21) 1:250,000 map sheet, and the 1:100,000 map sheet of St Patricks (8315).

From Launceston, access to the project area is by sealed road to Targa. Formed local roads and logging tracks provide good access within the project area.

#### **4.0 Geology and Mineralisation**

The East Lisle project area covers Mathinna Group rocks (Figure 3) which comprise metamorphosed sandstones, siltstones and mudstones of late Cambrian to Early Devonian age. The Mathinna Group metasediments, together with intrusive Devonian granites, cover much of the north eastern parts of Tasmania and are considered to be equivalent to rocks of the Melbourne Trough which host the bulk of Victoria's gold mineralisation. Goldfields in north eastern Tasmania hosted by the Mathinna group or adjacent rocks of the same age include Beaconsfield, Lefroy, Mangana, Mathinna, Alberton, Warrentinna, Forester, Waterhouse, Scamander and Portland (Figure 2).

The Lisle goldfield is reputed as having produced 250,000 ounces of gold from alluvial workings (Figure 3). There seems to be a strong association with gold and contacts between metasediments and intrusive granites. However, to date no hard rock source for the gold has been found.

#### **5.0 Previous Exploration**

Previous exploration activities in the area surrendered were carried out by Mineraux (Hull, 1970), Australian and New Zealand Exploration Company (Callow, 1971), Oceanic Exploration (Chronic and Gallagher, 1971), CRA Exploration (Broadbent, 1982), BP Minerals (Storer, 1984), Placeco (Morrison

1988 and 1989), Billiton (Randell, 1991), CSR Ltd (Ellis, 1995), Holden (1995, 1996, 1997, 1998, 1999), and Bardenhagen (Fulton, 2000).

Sporadic gold anomalism and narrow gold mineralised quartz veins of limited extent were located by the previous exploration work. However, compilation and review of data failed to highlight areas with sufficient grade and tonnage potential to justify further work.

A relevant aeromagnetic and radiometric survey was flown by Mineral Resources Tasmania in 2007. Interpretation of the data sets was completed by Godbear (2008), Leaman (2008) and Webster (2008). The reader is referred to these reports.

## **6.0 Work Carried Out During the Tenure Period**

Work completed during the period in the area surrendered comprised compilation and review of previous exploration data. A summary of previous exploration work is provided above.

## **7.0 Conclusions**

EL40/2008 East Lisle is located 25km north-east of Launceston in north-east Tasmania and covers Mathinna Group meta-sediments. The company's main focus was gold mineralisation.

Work completed during the period in the area surrendered comprised compilation and review of previous exploration data. Compilation and review of data failed to highlight areas with sufficient grade and tonnage potential to justify further work.

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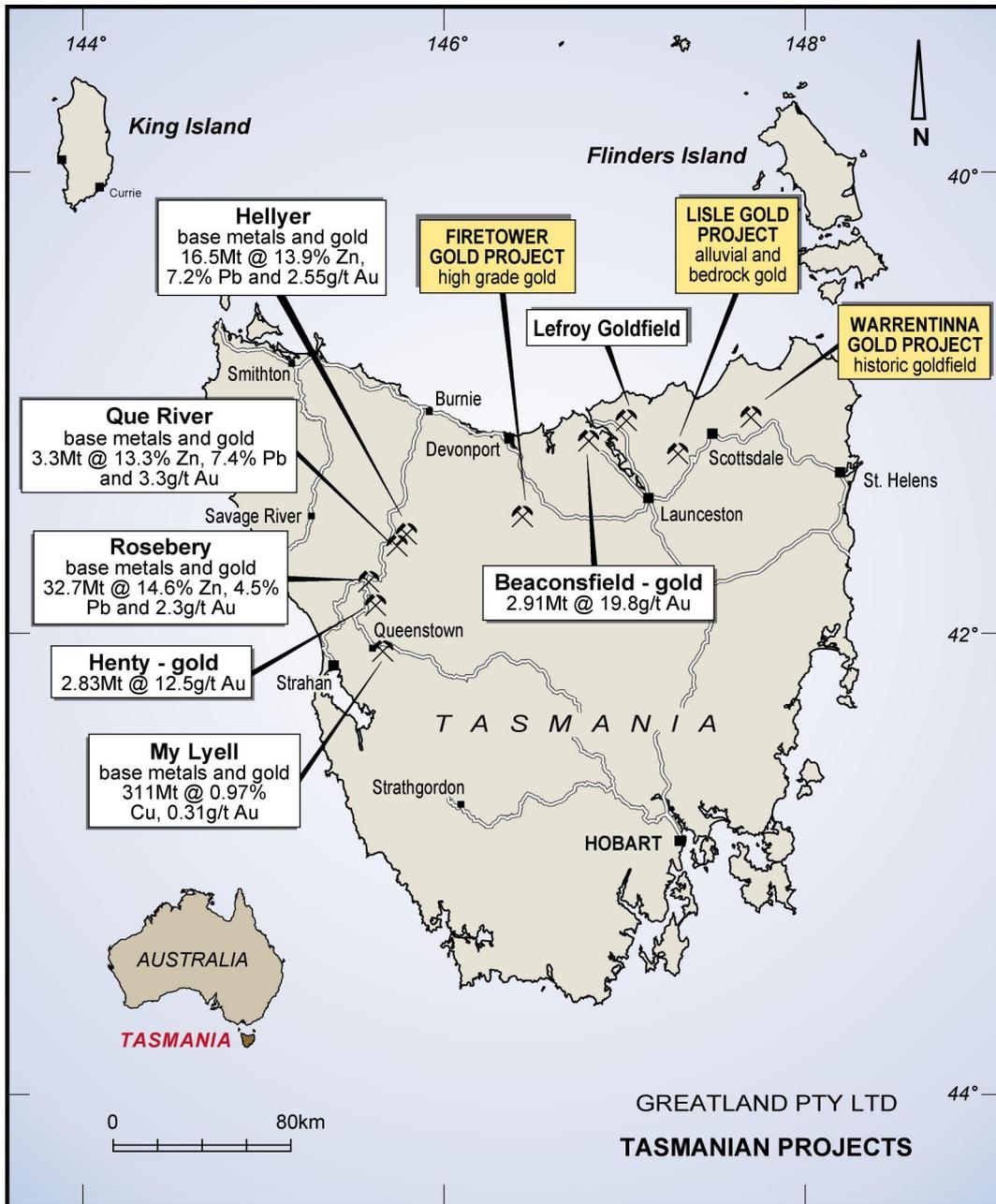


Figure 1 – Project Location Map

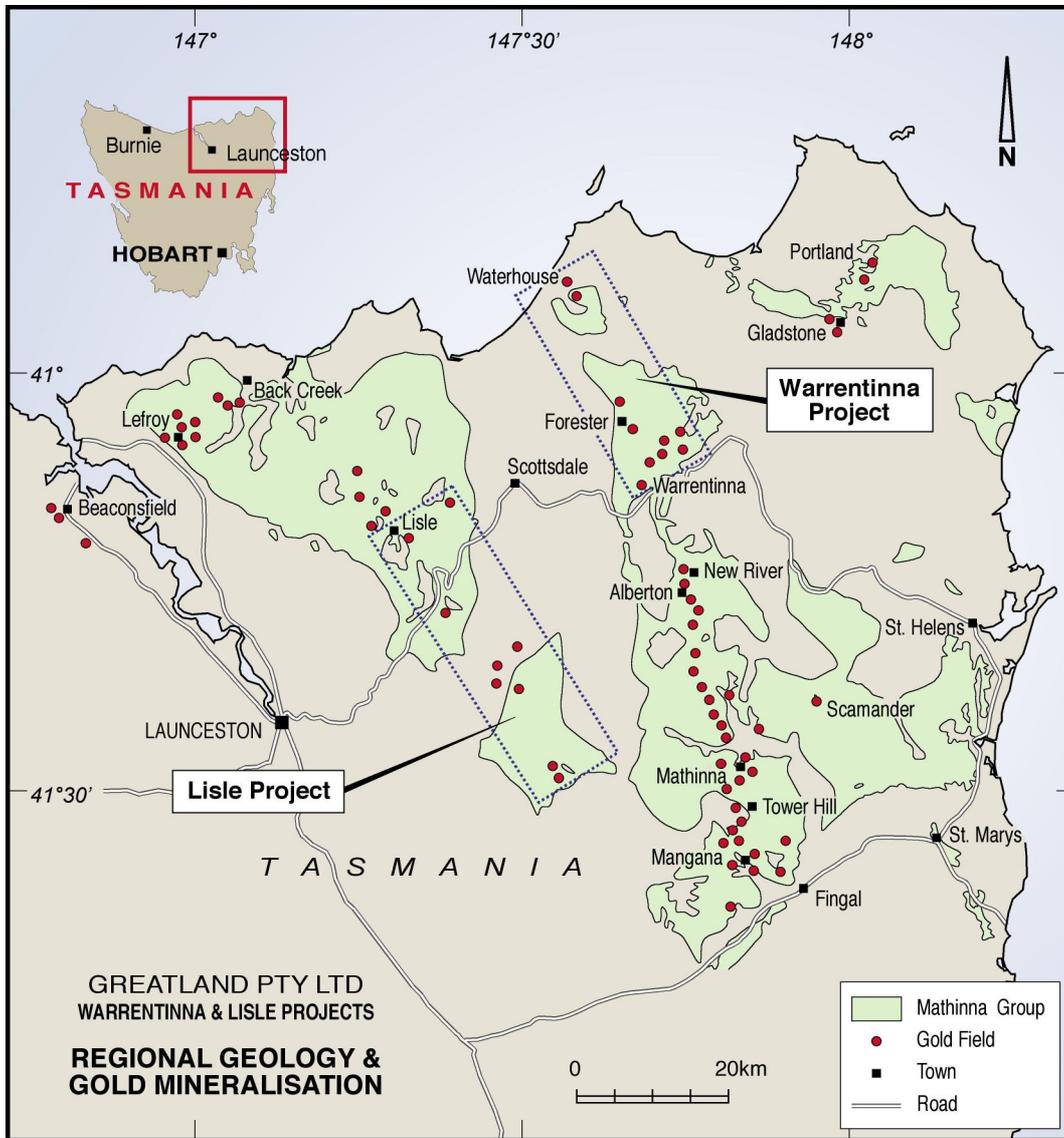
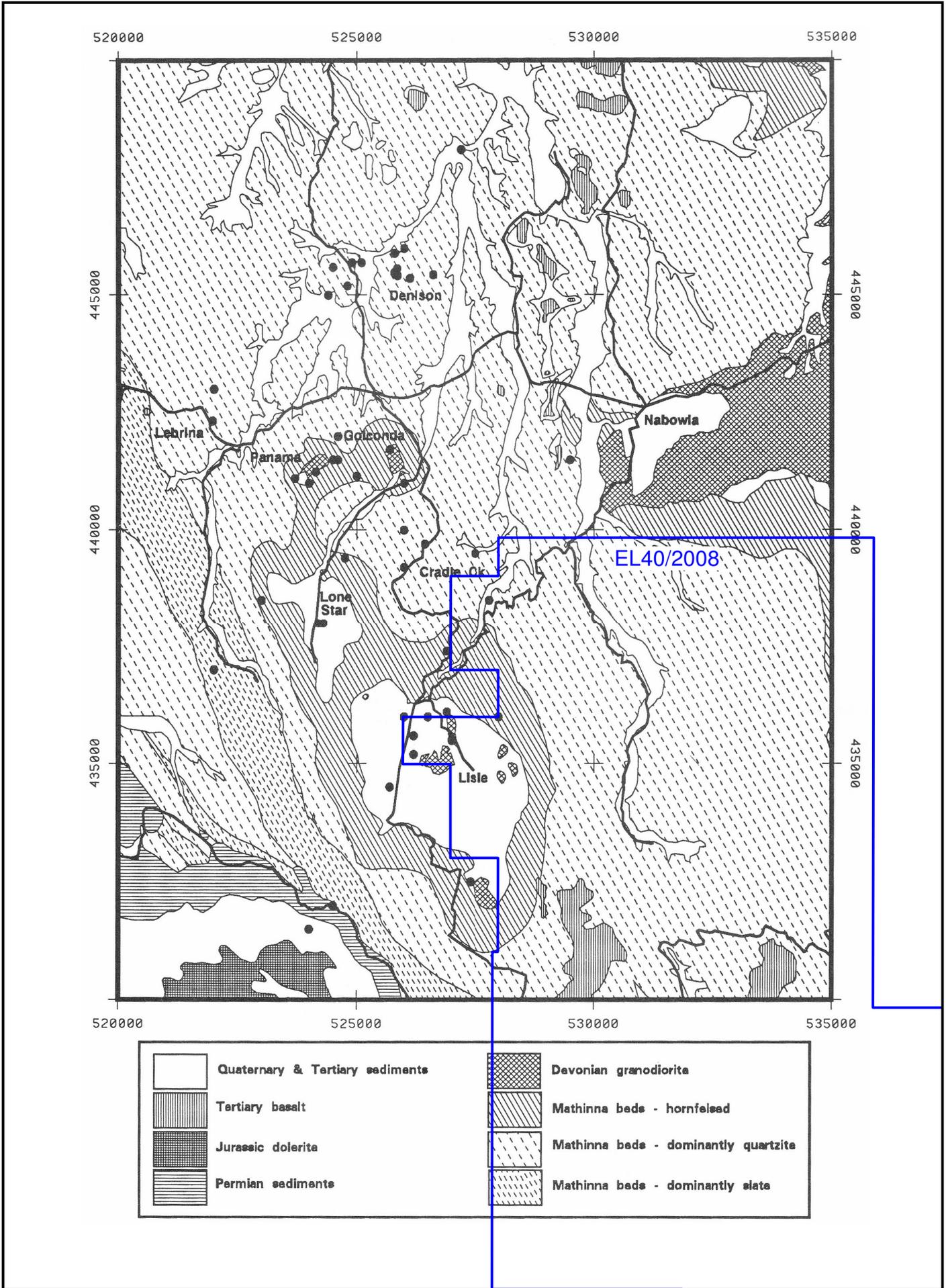


Figure 2 – Regional Geology



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GREATLAND PTY LTD  
 EAST LISLE PROJECT  
 Project Geology

Figure 3