**IMPERIAL GRANITE & MINERALS PTY LTD** 

ACN 080 314 012 / ABN 92 080 314 012 Miners Right Number 13159

Compiled by Capricorn Mapping & Mining Title Services

# Exploration Licence 24911 "BONYA"

## **Final Report**

Period Ending 24 April 2008

SF53111 Huckitta Northern Territory

Jugenger

Submitted by:

John W Benger

Date: September 2008

Copies to: IMPERIAL GRANITE & MINERALS PTY LTD Department of Primary Industry, Fisheries and Resources

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Report No. IMP\_BONYA2

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## List of Plans

Plan No.	Title	Scale
IMP090	EL 24911 "Bonya" Location Plan	1:450,000
IMP162	EL 24911 "Bonya" Soil & Rock Chip Sample Location Plan	1:150,000

## List of Tables

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#### **SECTION 1: INTRODUCTION**

#### **Proponent Details**

#### 1.1 Project Name and Location

Exploration Licence (EL) 24911 "Bonya" was located on the south eastern corner of the 1:250,000 Sheet's of Huckitta SF5311. (Plan No. IMP090 EL 24911 "Bonya" Location Plan). The land tenure is Perpetual Pastoral Lease 962 "Jervois" (Table 1).

### TABLE 1

#### Date Registered: 19/02/1996 Duplicate Certificate as to Title issued? Yes SEARCH CERTIFICATE

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#### **PERPETUAL PASTORAL LEASE 962**

N.T. Portion 366 from plan(s) CP 002304 Area under title is 2736 square kilometres

Owner:

Jervois Pastoral Co. Pty. Ltd. (ACN 007 935 613) of Jervois Station, PMB 36 Alice Springs NT 0872

Registered Date	Dealing Number	Description
19/02/1996	347484	Previous title is <b>Volume</b> 457 <b>Folio</b> 145
25/11/1994	320757	Access easement granted to the proprietor(s) of NT Portion 4450
18/03/1987	187321	Water supply easement to Power and Water Authority
End of Dealing	js	Mortgage Australia and New Zealand Banking Group Limited

#### Commencement Date: 19th August, 1986

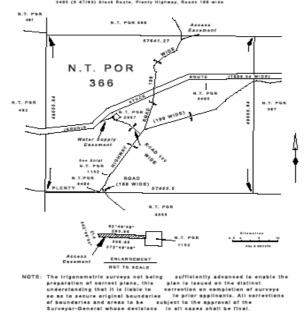
#### Expiring Date: In Perpetuity

#### Reservations and Other Special Provisions:

The lease is, pursuant to section 130 of the Pastoral Land Act, subject to the reservations and conditions, to the extent that they are not inconsistent with the Pastoral Land Act, applicable as at 25 June 1992 to Perpetual Pastoral Lease Number 0962 entered in the Register Volume 199 Folio 003, being conditions not relating to the development of the lease.

#### Date Registered: 19/02/1996 Duplicate Certificate as to Title issued? Yes

Noie: Lease excludee NT Pare 1152 (A 551), 2657 (6 84/225) 8484 (6 87/82). 5485 (5 67/85) biosk Roste, Pienty Highmay, Russes 188 wide



#### Volume 457 Folio 145

## **1.2 Mining Title Details**

Exploration Licence (EL) 24911 was granted to Imperial Granite & Minerals Pty Ltd on the 3 May 2006 for a period of six years. The EL covered an area of 73 graticular sub blocks and approximately 221.9 square kilometres. EL 24911 was surrendered on the 24 April 2008.

## **1.3 Operator**

The operator for the exploration programme was John Benger, who has been involved with the Mining Industry for over 29 years.

## 1.4 Address

14 Osprey Road, Eaglehawk Neck, Tasmania 7179

### **1.5 Contact Details**

Telephone: (03) 6250-3033 Fax: (03) 6250-3303 Mobile: 0411 032 946 Email: johnbenger@optusnet.com.au

## **1.6 Contact Person**

John Benger

## SECTION 2: EXPLORATION FOR TERM OF TENURE (2006-2008)

## First Year of Tenure:

- The area was applied for to test the potential for tungsten and molybdenum, but the area is was also thought to be prospective for gold, copper / base metals and uranium.
- Work carried out consisted of a review of historic data and reports
- A field reconnaissance trip was carried out in 10 March 2007, with accessibility being too difficult due to wet conditions and work had to be aborted.
- A second field reconnaissance trip was carried out in Mid April 2007. It was found that whilst much of the EL contained open soil covered country with little outcrop, a lot of the ground was difficult to access due to the hilly nature of the rest of the area. Based on this reconnaissance, it has been decided that the first part of the next years work will be to do aerial reconnaissance using a helicopter, this will include sampling. All reconnaissance traverses by foot or vehicle included the continuous use of a Scintrex Scintillometer. No elevated radioactivity was encountered. Four samples were taken (See Plan No. IMP162) with results pending.

## Second and Final Year of Tenure:

- In the second year of tenure a review of previous sample results, past exploration within the EL area, geological and geophysical data lead to the decision to surrender the title. No field work was carried out during the last year of tenure.
- Expenditure for 2007-2008 was as follows:

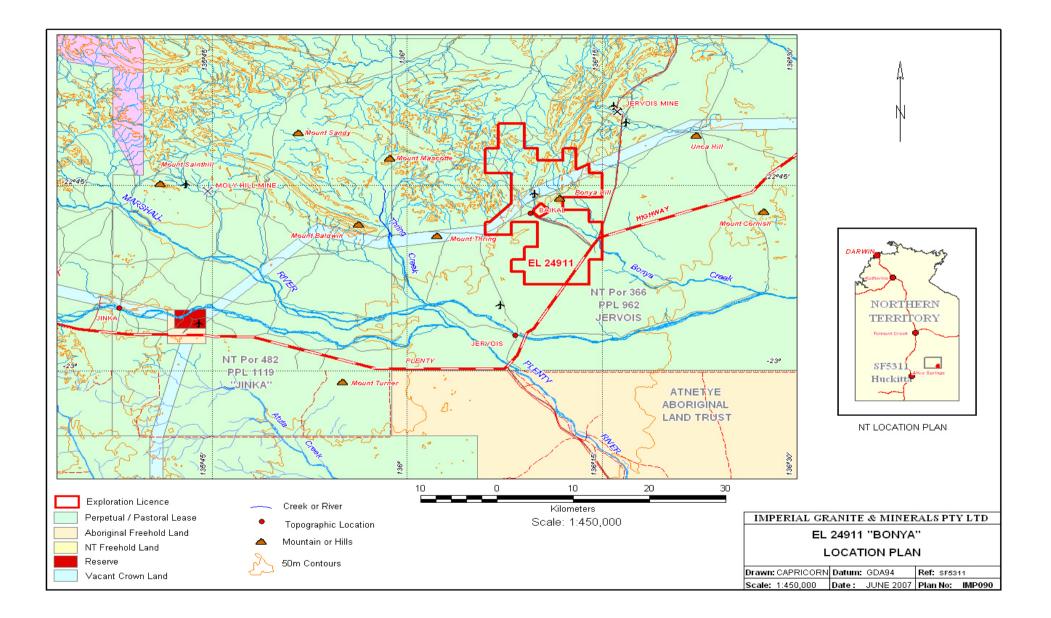
Administration	\$ 2,000.00
Review of all data	\$ <u>1,000.00</u>

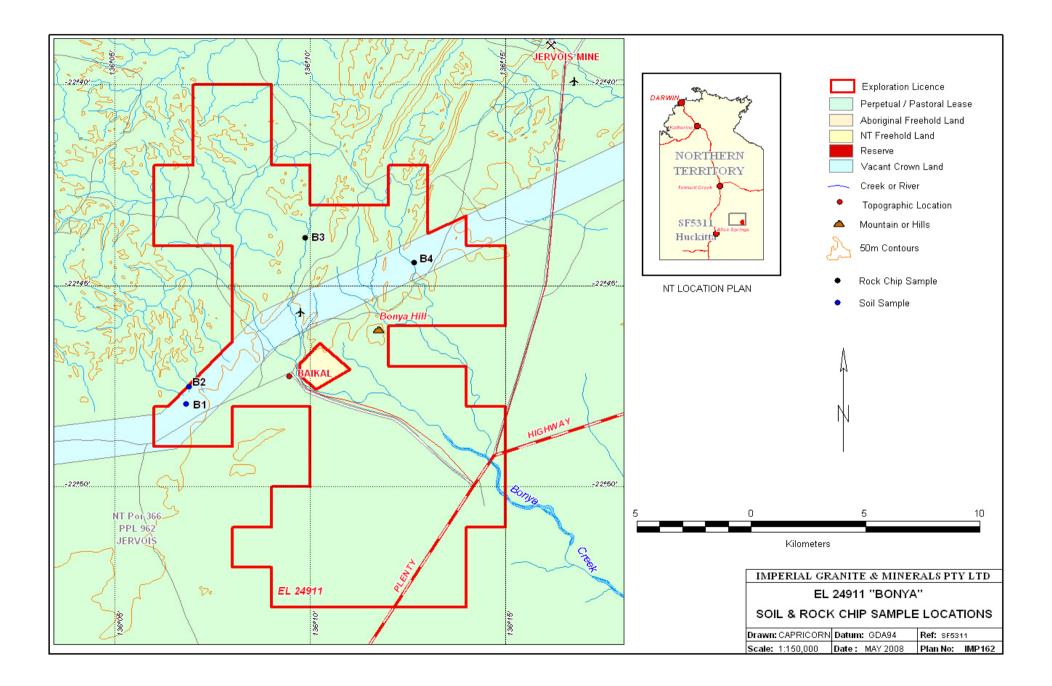
Total Expenditure \$3,000.00

## **SECTION 3: SUMMARY**

The area was considered prospective for tungsten and molybdenum, as well as prospective for gold, copper / base metals and uranium.

A review of previous sample results, past exploration within the EL area, geological and geophysical data lead to the decision to surrender the title.





## TABLE 2

### EL24911 "BONYA" SOIL & ROCK CHIP SAMPLES

Sample No.	Latitude-GDA94	Longitude-GDA94	Ag-ppm	As-ppm	Co-ppm	Cu-ppm	Fe-ppm	Mn- ppm	Ni- ppm	Pb- ppm	Th- ppm	U-ppm	V-ppm	Zn ppm
B1	-22° 47' 55.755	136° 6' 48.7188"	<1	<10	60	70	122000	2,420	45	4	1	<5	400	150
B2	-22° 47' 30.173	136° 6' 52.8048"	<1	<10	39	85	195,000	1,090	65	8	11	<5	480	50
B3	-22° 43' 48.168	136° 9' 51.89832"	<1	<10	12	55	94,300	822	15	4	1	<5	190	20
B4	-22° 44' 24.848	136° 12' 39.15792"	<1	<10	49	30	106,000	1,550	65	4	5	<5	290	30