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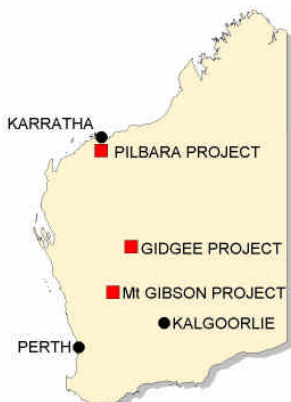
**PROJECTS**

**Pilbara:** nickel-copper & zinc-copper

**Gidgee:** gold, copper-nickel-PGE

**Mt. Gibson:** zinc-copper-gold

**LOCATION OF PROJECTS**



**HIGHLIGHTS**

- **Copper-nickel-platinum group element (Cu-Ni-PGE) mineralization discovered in outcropping sulphide gossan at Gum Creek.**
- **Five Pilbara VTEM-1 anomalies surveyed by ground EM – report awaited.**
- **Pilbara VTEM-2 scheduled for early May 2007.**

**OVERVIEW**

*The March Quarter saw the identification of an exciting new and untested exploration opportunity in the Gum Creek area with the discovery of outcropping sulphide gossan that contains up to 5.7% copper, 1.0% nickel and 0.7g/t platinum group elements.*

*The zone within the vicinity of this gossan represents an immediate drill target and we believe that more mineralization of this type will be discovered once systematic work gets underway following the grant of our exploration licence.*

*The equipment to be used in the next Pilbara VTEM survey (VTEM-2) arrives in Australia within the next couple of weeks and flying is scheduled to commence in early May 2007. We eagerly await the commencement of this second survey, which we anticipate could identify further robust base metal targets.*



## **1. Pilbara Project**

During the Quarter, GEM Geophysical Surveys completed ground-based Moving-Loop Time-Domain Electromagnetic (MLTEM) surveys over five of the six Versatile Time-Domain Electromagnetic (VTEM) anomalies (Figure 1) delineated in November 2006. The Roundstone VTEM anomaly could not be accessed due to the prevailing wet monsoonal conditions and this survey has been rescheduled.

Geological mapping within the vicinity of each of these VTEM-1 anomalies did not identify any surface features (gossans, etc) which would either explain or downgrade the prospectivity of the anomalies.

Geotech Airborne Pty Ltd has advised Legend that the VTEM equipment for the second Pilbara VTEM survey (VTEM-2) will arrive in Australia towards the end of April 2007. Flying is scheduled to commence in early May 2007. The VTEM-2 survey has been fully flight planned and we eagerly await the commencement of this second survey.

Grant of exploration tenements has been delayed and grant of the first new tenements is possible by late-July 2007, although Department of Industry and Resources (DoIR) confirmation is currently being sought.

## **2. Gidgee Project**

In the 2006 Annual Report, Legend announced it had commenced work on unlocking value from the nickel potential of the Gum Creek Greenstone Belt (Gum Creek). The Gum Creek area has been tightly held by gold explorers for over 30 years and very little nickel exploration has ever been conducted.

On the 10 April 2007, Legend announced early encouragement from this program with the discovery of outcropping copper-nickel-platinum group element (Cu-Ni-PGE) mineralization in gossanous ironstone within its Bungarra Target Area (Figure 2). Samples of the gossan assayed up to 5.7% copper (Cu), 1.0% nickel (Ni) and 0.7g/t platinum group elements (PGE) (Figure 3). The zone within the vicinity of this gossan represents an immediate drill target.



## Gidgee Project continued.

Bungarra assay results are tabulated below:-

Table 1: Surface Rock Assay Results

Coordinates for All Samples:		6980350N 750030E (GDA-94 Zone-50)						
Description	Cu %	Ni %	Pt ppb	Pd ppb	Rh ppb	Ru ppb	Os ppb	Ir ppb
Grab Sample	5.7	1.0	146	500	43	2	3	2
Grab Sample	2.1	0.51	91	404	65	7	3	6
Grab Sample	0.15	0.55	108	41	316	34	1	26
3m Channel Sample	0.33	0.22	113	415	85	10	2	6

Copper (Cu) and Nickel (Ni) assayed by XRF. Platinum Group Elements (PGE) comprise Platinum (Pt), Palladium (Pd), Rhodium (Rh), Ruthenium (Ru), Osmium (Os) and Iridium (Ir). These elements have been assayed by 25g fire assay (nickel sulphide collection) ICP-MS at Ultra Trace Pty Ltd, Perth. Rhodium has been checked by 25g fire assay (palladium collection) ICP-MS.

1000 parts per billion (ppb) = 1 part per million (ppm) = 1gram per tonne (g/t)

District-scale mapping is continuing at Gum Creek. The Bungarra Target Area falls within a tenement that is under application and no drilling can be conducted until after the grant of the exploration licence, which may take up to 4 months.

### 3. Mt Gibson Project

Geological assessment of the drill core continued with the aim of further developing the geological model and refining drill targets. Studies on the core have shown that the barren disseminated sulphide halo (pyrite and pyrrhotite) that lies around the better mineralized zinc intervals (4m at 13.4% zinc) is potentially detectable by down-hole geophysical techniques such as electromagnetics and magnetometric resistivity. These techniques provide an indirect way of detecting mineralization that lies within a radius of about 70m from drill holes. Both techniques will be trialled in the next round of target-specific drilling.

Drill targets have been identified and options to unlock maximum value for Legend shareholders are being investigated.



#### 4. Operations

Both the mining and processing operations at the Mt Gibson and Gidgee Projects remain on care and maintenance.

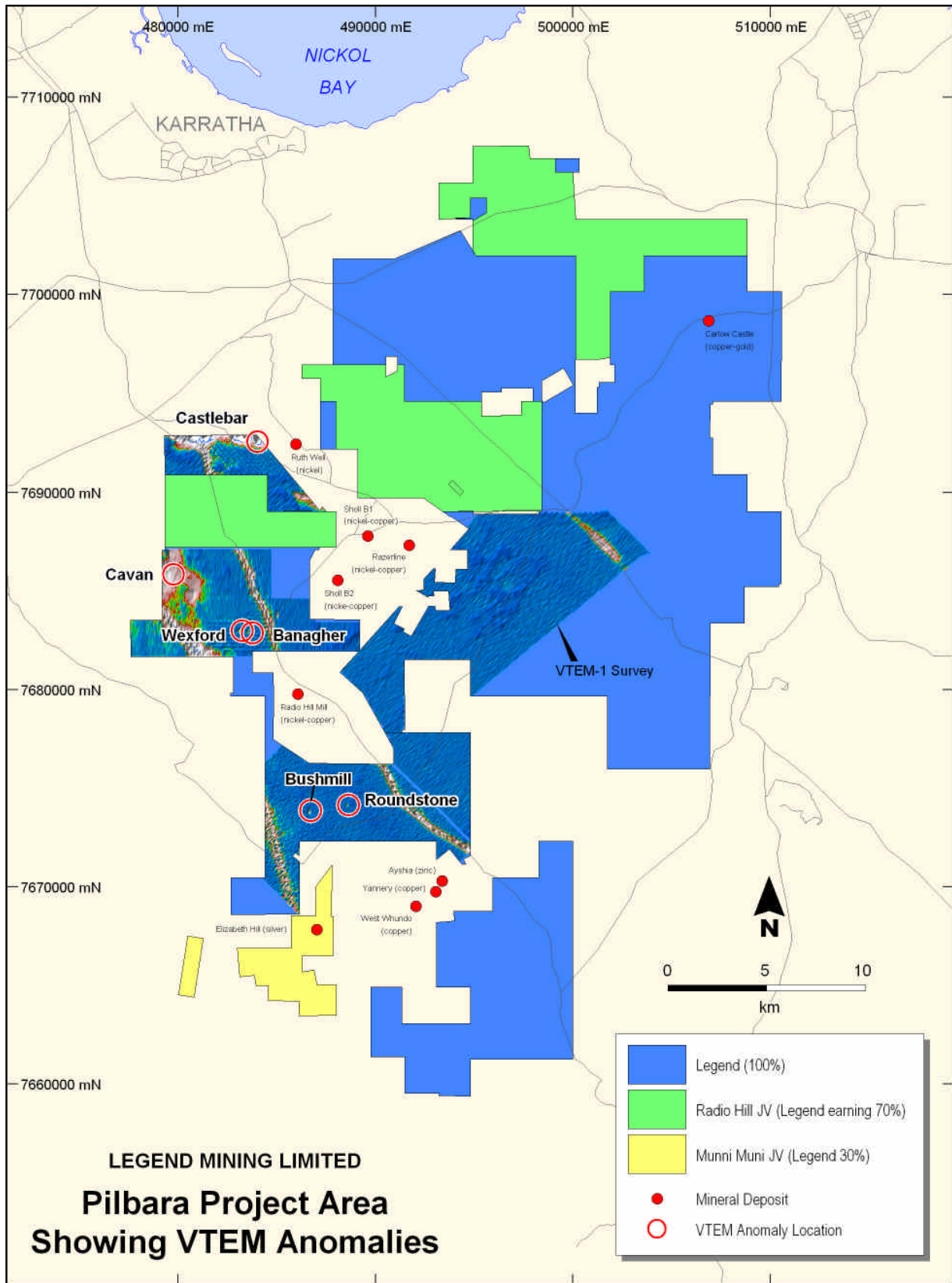
**Mark Wilson**

Managing Director

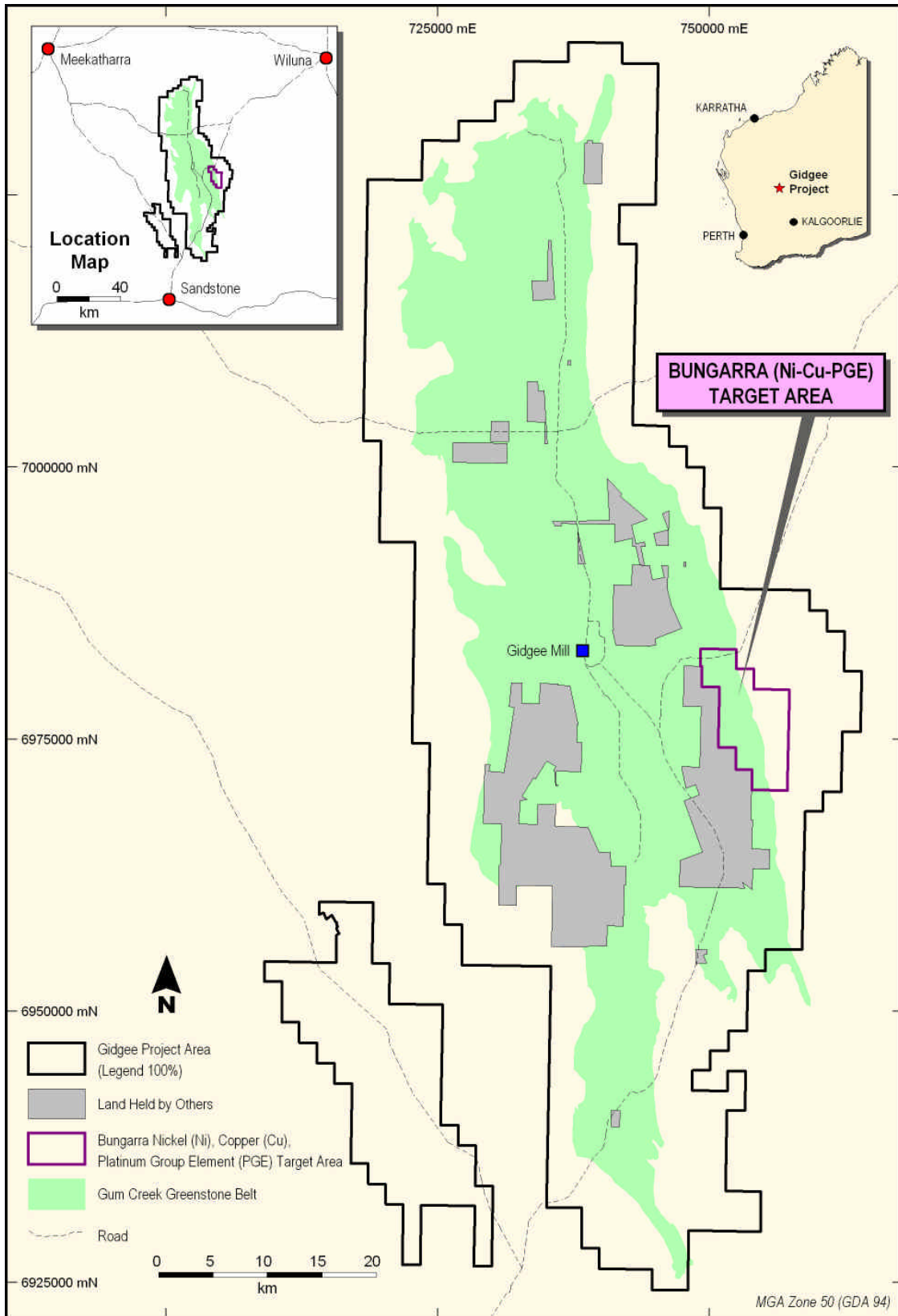
18 April 2007

Visit [www.legendmining.com.au](http://www.legendmining.com.au) to download a colour version of the attachments.

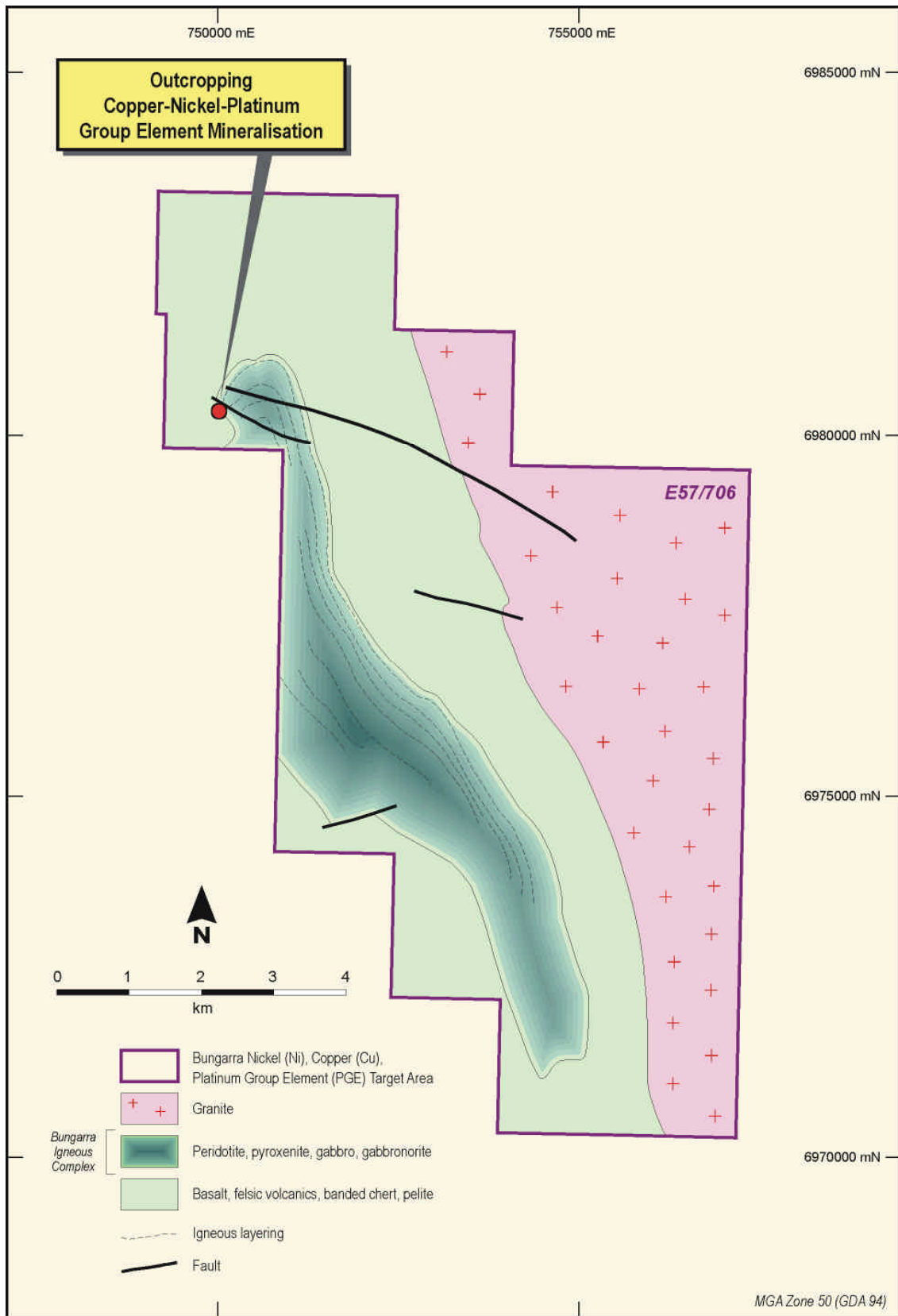
*The information in this announcement that relates to Exploration Results has been reviewed by Mr Robert Perring, a Member of the Australian Institute of Geoscientists, whose services are provided by Quadramin. Mr Perring has sufficient relevant experience in the styles of mineralisation and types of deposits under consideration, and in the activity he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code), and consents to the inclusion of the information in the form and context in which it appears.*



**Figure 1 Pilbara Project Area showing Location of VTEM-1 Anomalies**



**Figure 2: Gidgee Project Showing Location of the Bungarra Target Area**



**Figure 3: Location of Outcropping Bungarra Sulphide Gossan**