



## Gold Road Identifies Five High Priority “Gold Camp Targets” at Yamarna

### Highlights

- **Five High Priority Gold Camp Targets identified using Conceptual Targeting**
- **Each Gold Camp Target has a 15-20 kilometre strike length and contains numerous prospects**
- **Gold Camp Targets based on intersection of deep seated structures interpreted from geophysical data sets validated with empirical data**
- **Resultant Regional Exploration Priorities set for 2012/2013**

Gold Road Resources Limited (**Gold Road** or the **Company**) (ASX: GOR) has identified five high priority Gold Camp Targets across its 100%-owned Yamarna Belt, a ~5,000km<sup>2</sup> greenstone belt located in Western Australia (Figure 1).

A Conceptual Targeting programme identified these new Gold Camp Targets, allowing Gold Road to focus exploration on 17 key prospects within these five Camp Targets.

Gold Road Chairman Ian Murray said Conceptual Targeting enabled the Company to cost-effectively generate potential world class gold targets.

“The Yamarna Belt’s vast size has meant that systematic exploration using empirical methods alone – such as surface geochemistry and drilling – was slow, expensive and limited to near-surface mineralisation,” Mr Murray said.

“Our current exploration drilling to date has been restricted to areas where surface cover is five metres or less – where geochemistry is generally effective. Conceptual Targeting has narrowed down and allowed focus within large portions of the Yamarna Belt (which are under 5 to 30 metres of cover) for exploration,

“Combining conceptual and empirical methods allows us to cost-effectively speed up the exploration process, focusing our activity on prospective large scale targets, in addition to our core project work surrounding the high-grade Central Bore Discovery.”

The 2010 report by the Geological Survey of Western Australia established that greenstones of the Yamarna Terrane are of similar age and character to the Kalgoorlie Terrane, which produced more than 120 million ounces of gold.

Mr Murray continued: “As the Yamarna Belt is similar to the Kalgoorlie Belt, we have applied techniques and controls that have successfully identified multi-million ounce gold deposits within the Kalgoorlie Belt.

“We are also very encouraged that one of these Gold Camp Targets identified through the conceptual modelling ties in with the high grade gold mineralisation we discovered in late 2011 at Dead Dog and Tobin Hill”

ASX Code: GOR

ABN 13 109 289 527

#### COMPANY DIRECTORS

**Ian Murray**  
Chairman

**Ziggy Lubieniecki**  
Executive Director

**Russell Davis**  
Non-Executive Director

**Kevin R Hart**  
Company Secretary, Non-Executive Director

**Martin Pyle**  
Non-Executive Director

**David Woodall**  
Non-Executive Director

#### CONTACT DETAILS

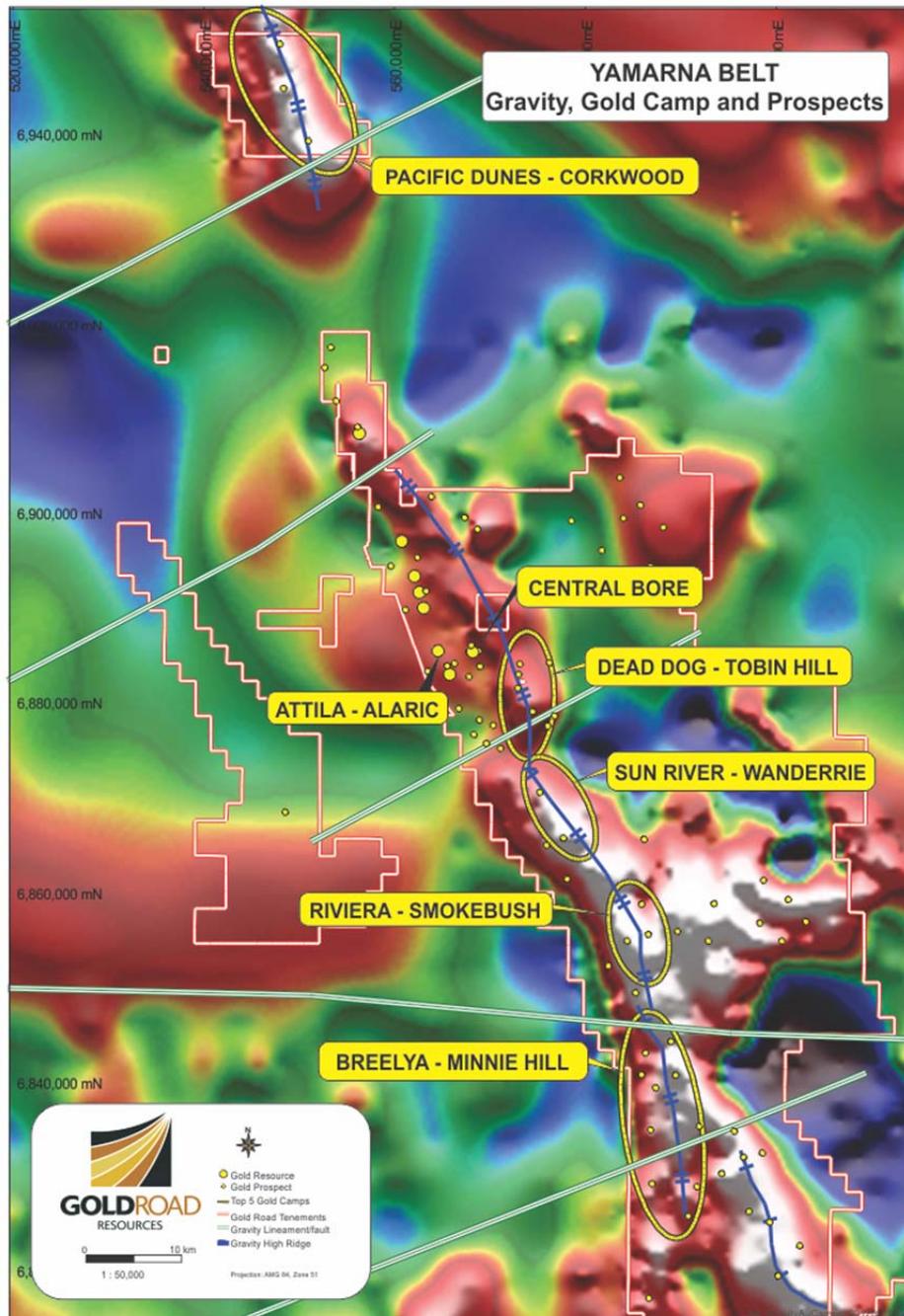
**Principal & Registered Office**  
22 Altona St, West Perth, WA, 6005

**Website**  
[www.goldroad.com.au](http://www.goldroad.com.au)

**Email**  
[perth@goldroad.com.au](mailto:perth@goldroad.com.au)

**Phone**  
+61(8) 9486 4144

**Fax**  
+61(8) 9481 6405



**Figure 1:** Yamarna Gravity Image with new Gold Camp Targets

### Conceptual Targeting

Conceptual Targeting methodology is based on the interpretation of various data sets such as regional gravity and Gold Road's recent 50m spaced aeromagnetic survey of 62,000 line kilometres, to identify intersections of deep seated regional structures (located 10 to 30 kilometres below surface) and cross cutting structures.

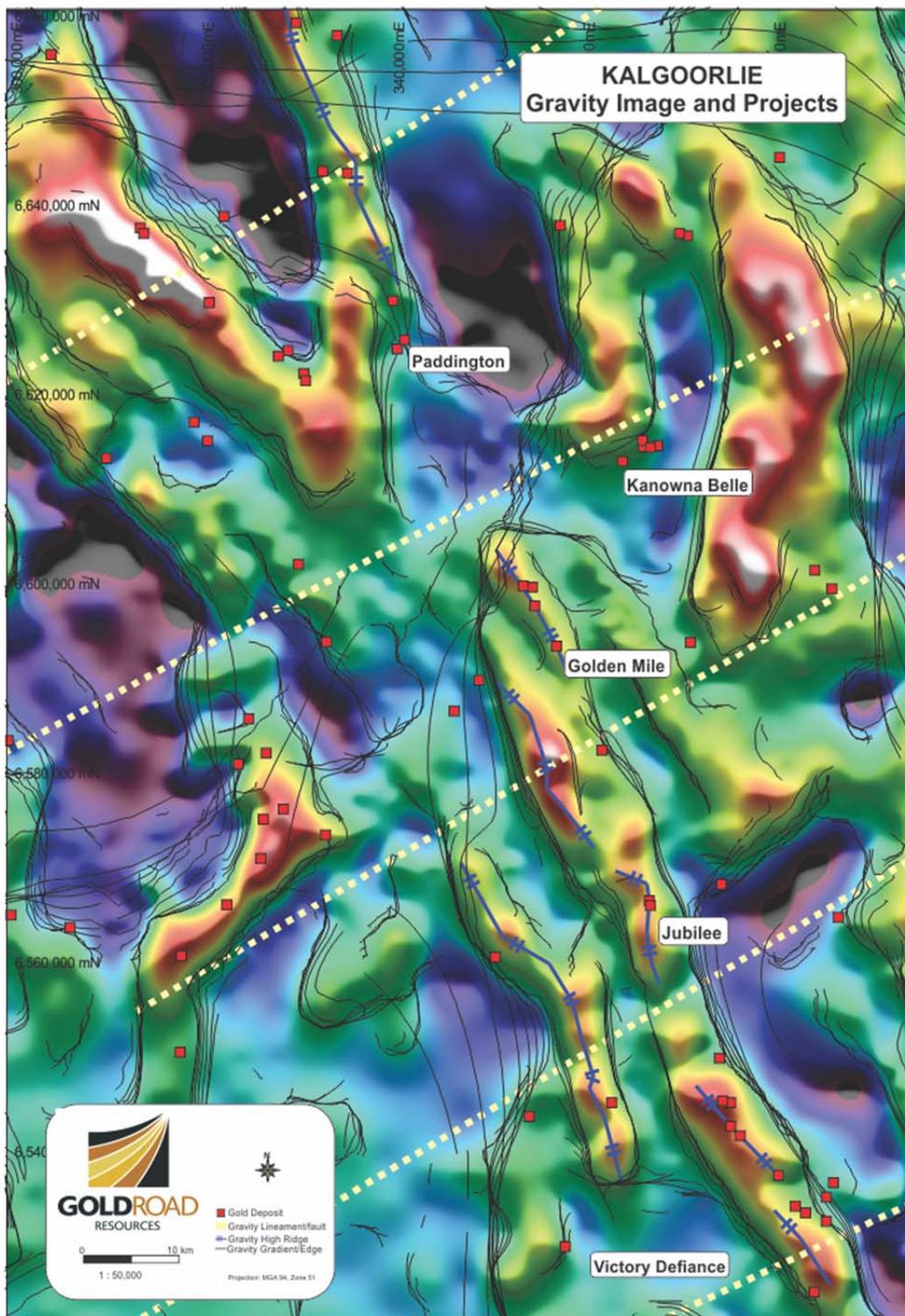
The combination of the detailed aeromagnetic interpretation by structural consultant Dr P Betts (PGN Geoscience) and the conceptual targeting model from strategic exploration consultant, Dr J Hronsky (Western Mining Services Pty Ltd) has led to the selection of 17, out of more than 100 identified prospects, occurring in the five Gold Camp Targets.

The potential Gold Camp Targets at Yamarna are based on the intersection of local gravity highs and the regional structures/lineaments, and are analogous with other world class gold deposits in the Yilgarn Craton (see Figure 2).

## Kalgoorlie Belt

The local gravity highs contain generally the heavier mafic to ultramafic rocks which are hosting most of the large gold mines in the Yilgarn, adjacent to the lighter sedimentary rocks.

The Kalgoorlie Gravity Image (see Figure 2) demonstrates that the gold prospects are located on gravity high areas or near breaks/edges of gravity high areas.



**Figure 2:** Kalgoorlie Gravity Image with Gold Deposits

## ASX ANNOUNCEMENT

26 September 2012

### Yamarna Belt (Figure 1)

Applying this concept to Gold Road's Yamarna region identified several large target areas or camps, including five high priority Gold Camp Targets – each hosting numerous gold prospects within the Camp-Scale Target.

These Gold Camp Targets are prioritised on:

- Confidence in lineament
- Presence of gravity high
- Presence of ultramafic/mafic rocks in the centre of the basin
- Size of the sub-basin (based on geology)

A "Camp" as defined by consultant Dr J. Hronsky (2012) consists of a number of connected pathways or conduits that are used to transport locally gold bearing fluids from great depth to the near surface as schematically illustrated in Figure 3.

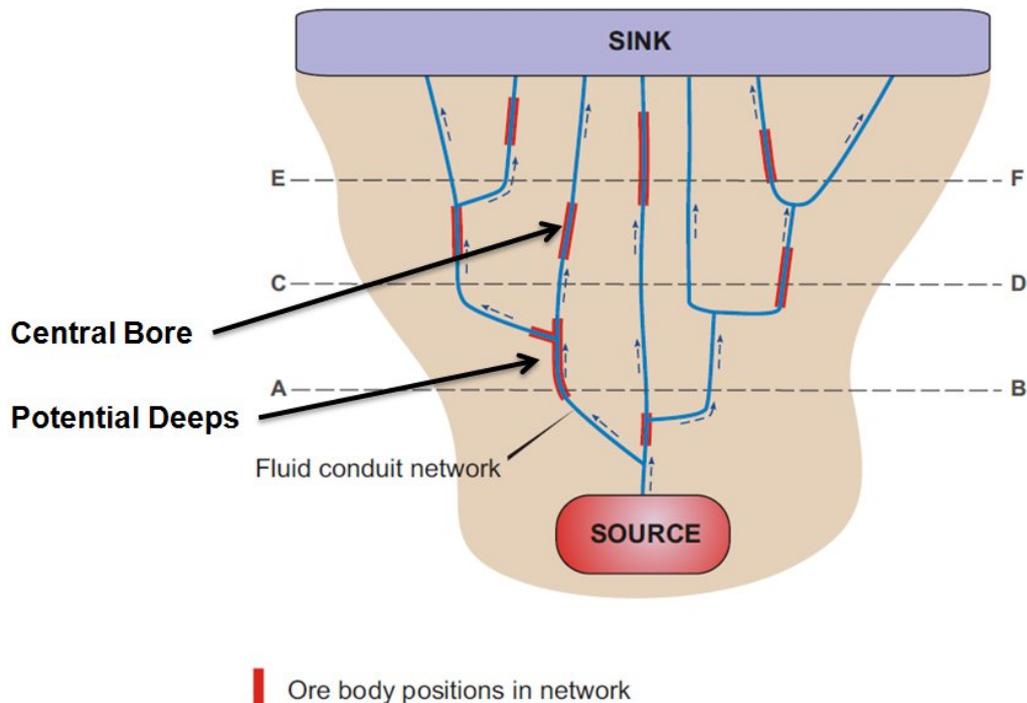


Figure 3 Schematic network of pathways to transport fluids from a deep Source to the Sink near Surface (Dr J. Hronsky)

The high grade ore body at Central Bore is inferred to be positioned in one of these fluid pathways and additional high grade deposits may therefore be developed further down in the pathway, as well as in parallel systems in the network.

Gold Road's 17 prioritised exploration targets have been incorporated into the Exploration Pyramid, which categorises and ranks the prospects on Yamarna by their progress from conceptual target to the resource stage, very much dependant on the level of exploration completed.

The 17 prioritised prospects are highlighted in the diagram below (see Figure 4).

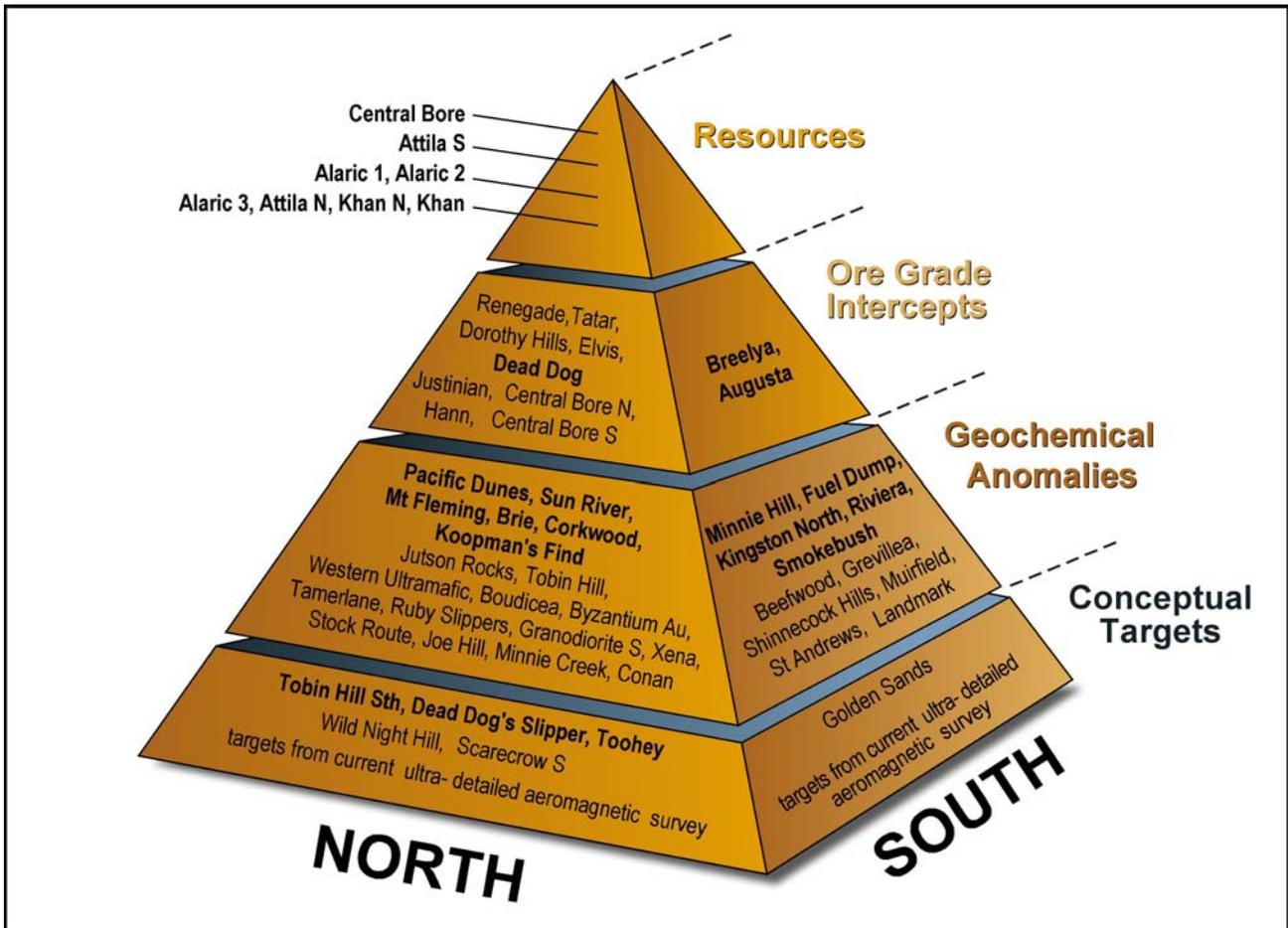


Figure 4 Exploration Pyramid highlighting 17 Priority Gold Prospects from the five high priority Gold Camp Targets

For further information please visit [www.goldroad.com.au](http://www.goldroad.com.au) or contact:

Ian Murray  
Executive Chairman  
Tel: +61(8) 9486 4144

**Media**  
Melanie Gray Stokes  
Walbrook Investor Relations  
Mob: +61(0) 424 135 294  
Tel: +61(8) 6189 2232  
[Melanie.GrayStokes@walbrookir.com.au](mailto:Melanie.GrayStokes@walbrookir.com.au)

## ASX ANNOUNCEMENT

26 September 2012

### About Gold Road Resources Limited

Gold Road Resources Limited is a gold exploration company which owns tenements covering over 5,000 square kilometres of the Yamarna greenstone belt. The Yamarna Belt is located approximately 150km east of Laverton on the eastern edge of the Yilgarn Craton.

In recognition of the success of the exploration programs at the Yamarna Belt, Gold Road is the winner of the Emerging Company 2011 award (Diggers & Dealers Conference), the Excellence in Exploration & Discovery 2011 award (Mines & Money Australia) and both the Resource Stocks Explorer of the Year and People's Choice awards.

The Yamarna Belt, adjacent to the 500 kilometre long Yamarna shear zone, is a historically under-explored region that is highly prospective for gold mineralisation and hosts a number of significant new discoveries. It lies north of the recently discovered 5 million ounce Tropicana deposit owned jointly by AngloGold-Ashanti / Independence.

Gold Road is progressing two key gold trends, together with two recently discovered trends, on the Yamarna Belt:

- **Attila Trend**, which includes Attila, Alaric, Khan and Khan North Projects and extends for over 33 kilometres and hosts a significant JORC resource.
- **Central Bore Area** is a 6km<sup>2</sup> area east of the southern extent of the Attila Trend which has delivered six new discoveries in 24 months. Key projects in the area include:
  - **Central Bore Project** - gold mineralisation over a strike length of 800 metres and from surface to a depth of 440 metres; assay results of up to 1,000 g/t Au, remains open to the north, south and depth; hosts a significant JORC resource.
  - **Justinian Project** – 200 metres east of the Central Bore Project, 600 metres long, wider structure than Central Bore, with intercepts up to 7m @ 27 g/t Au.
  - **Central Bore North** - 500 metres north of the Central Bore Project's high-grade Imperial Shoot.
  - **Central Bore South** – 500 metre long mineralised structure south of the cross cutting Lubieniecki dyke.
  - **Byzantium Project** – 500 metres west of the Central Bore Project, 1 kilometre long, VMS style base metal prospect.
  - **Hann Project** – 2.4 kilometres west of the Central Bore Project, 4.3 kilometres long, three parallel gold anomalies.
- **Tobin Hill** – 5.5 kilometres south-east of the Central Bore Project, 1.5 kilometre gold anomaly.
- **Dorothy Hills** – 23 kilometres north-east of the Central Bore Project, two gold anomalies, 1.4 and 1.8 kilometres long.

#### NOTES:

The information in this report which relates to Exploration Results or Mineral Resources is based on information compiled by Ziggy Lubieniecki, the Technical Director of Gold Road Resources Limited, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr Lubieniecki has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Lubieniecki consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.