

**Gruyere – The Swiss Connection Swiss Resources Conference – 6 December 2013** 



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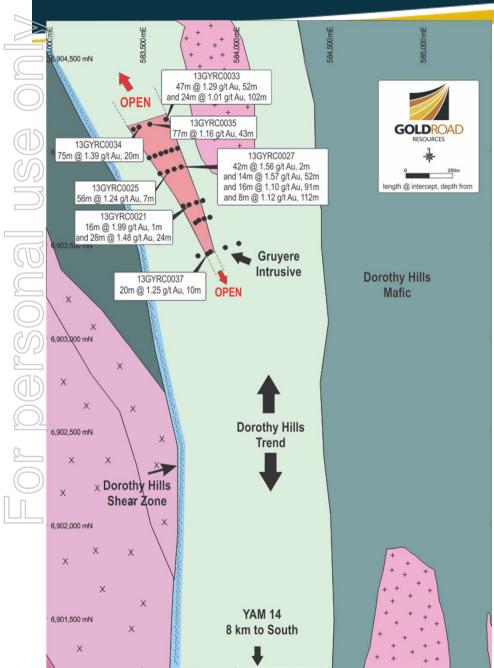
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## Dorothy Hills – New Wide Gold Discoveries

'Smart Exploration'



### **Gruyere Structural Target**



- Interface RAB drilling in August 2013
  - > 900m x 100m geochemical anomaly
- Two RC lines drilled in September 2013 400m apart
  - > 7 holes completed for 609m
  - > Gold in every hole, almost throughout entire length
- Infill and extensional drilling in October/November 2013
  - Four lines, 20 holes for 2,110m of RC drilling
  - Strike extended to 800 1,100m
  - Width extended to 180m
  - > Confirmed thick felsic intrusive hosted mineralisation

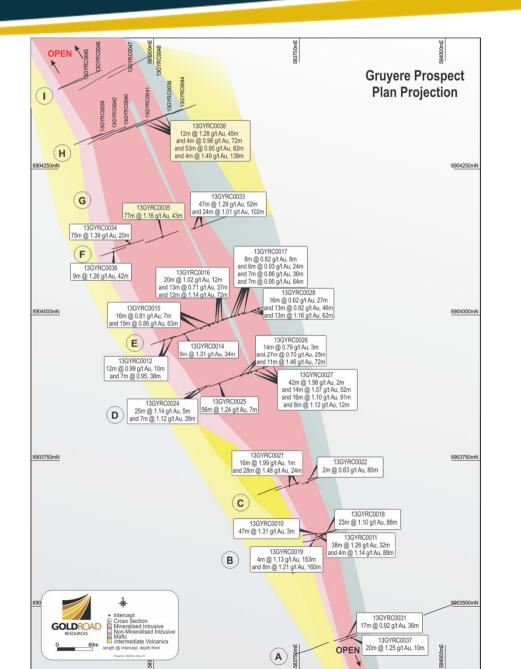
#### Best intercepts:

- 75m @ 1.39 g/t Au from 20m; incl. 2m @ 11.76 g/t and 18m
  @ 1.51 g/t
- > 42m @ 1.56 g/t Au from 2m, and 14m @ 1.57 g/t from 52m
- > 77m @ 1.16 g/t Au from 46m to end of hole



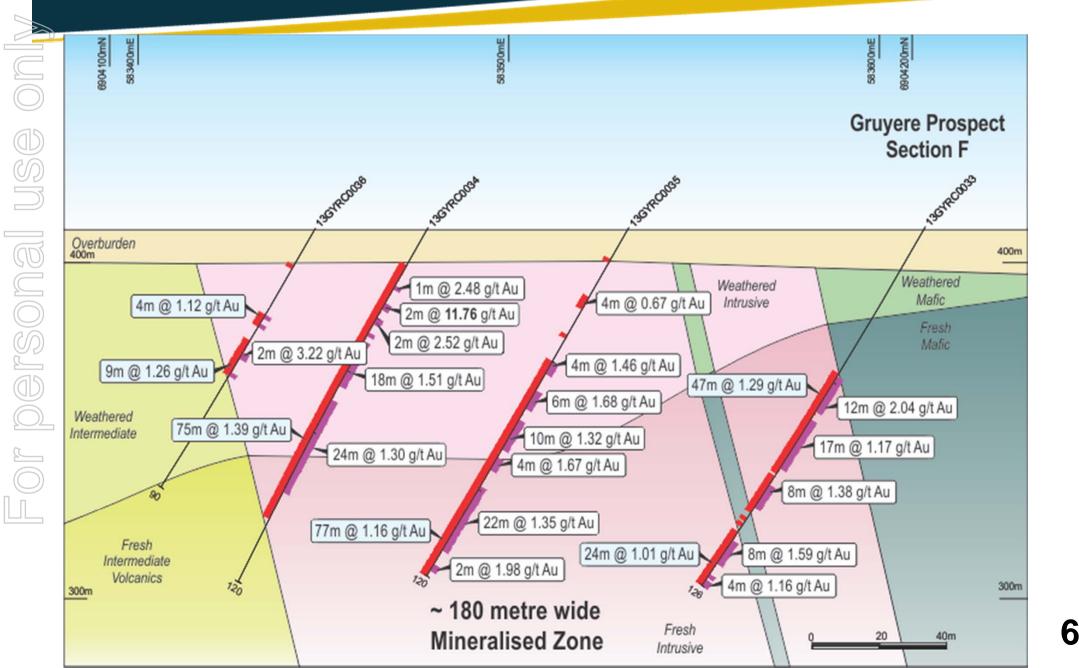
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#### Gruyere – So Far ...



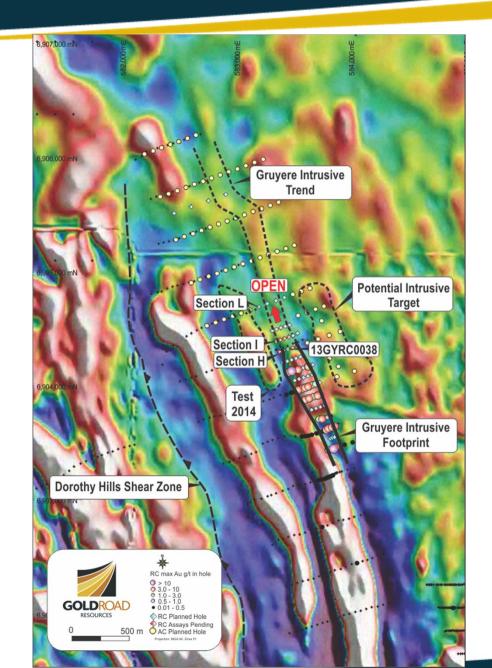


#### **Gruyere – Section F**





## **Gruyere – Further Drilling**



#### 4,500 to 5,500m of RC

- Infill and extensional
- ➤ To test strike to 1,400m
- In addition Petrographic analysis, multi-element geochemistry, downhole geophysics and targeted diamond drilling

#### Further ~4,000m of Aircore

- To chase northern extensions over 2km strike
- Appropriate Diamond drilling



### **Dorothy Hills Trend**

**YAM 14** 

Metasediment

Porphyry

Quartzite

Svenite

Serpentinite

Ultrabasic Roc

Redox Target

Redox Boundary

Basin Centre Line

Tenement Boundary

Dorothy Hills South

South Dorothy Hills



Felsic Schist

Mafic Dyke

Mafic Schist

- Romano - Fontaine mothy Hills East  $\geq$ 
  - From 1m below surface to a maximum of 150m depth  $\geq$
  - Open in both directions, and at depth  $\geq$

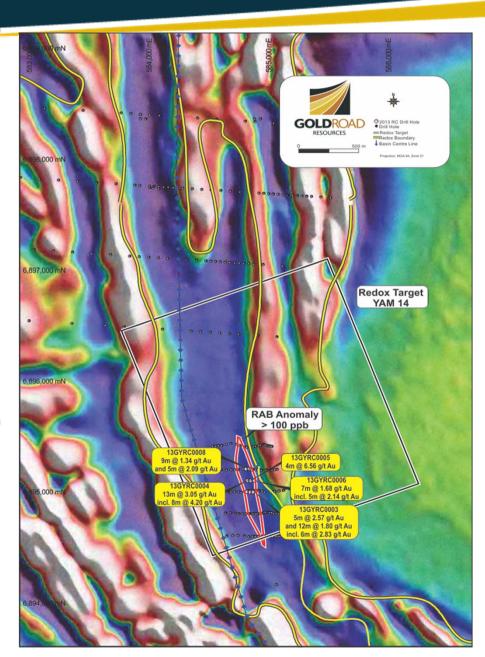
#### **YAM14**:

- 200m strike length, to 80m depth
- Supergene and shear-hosted structure  $\geq$

- 25km east of Central Bore
- Within pastoral lease held by Gold Road
- **Gruyere identified as Structural Target**
- YAM14 identified as Redox target
- Identified "Centre of Basin"
- 9km between Gruyere and YAM14
- Gruyere discovery:
  - 800 1,100m strike length
  - Horizontal width from 35m to 180m



### YAM14 Redox Target



- RAB drilling in August 2013
  - > 900m long zone of bedrock gold mineralisation

#### Three RC lines drilled – 100m apart

- > 9 holes completed for 1,131m
- Gold in every hole
- Supergene and shear-hosted structures
- > Strike length of 200m to depth of 80m
- > Open along strike, depth, east and west

#### Best intercepts:

- > 13m @ 3.05g/t Au from 50m; incl. 8m @ 4.20g/t
- > 4m @ 6.56g/t Au from 56m
- > 12m @ 1.80g/t Au from 88m; incl. 6m @ 2.83g/t
- > 9m @ 1.65g/t Au from 37m; incl. 5m @ 2.57g/t

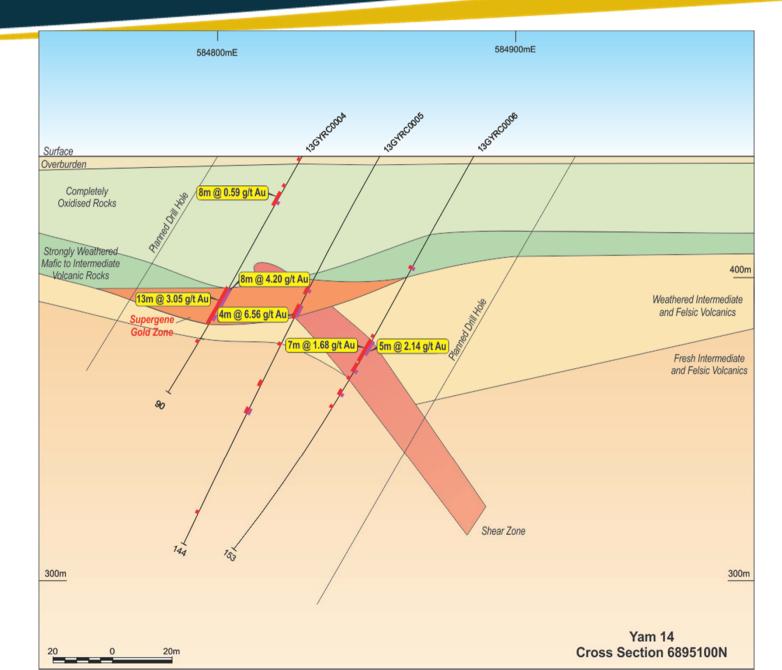
#### Extensional drilling:

- > 500 to 1,000m of RC
- > To test depth extension and strike length



Or personal

#### YAM14 – Central Line (6895100 mN)

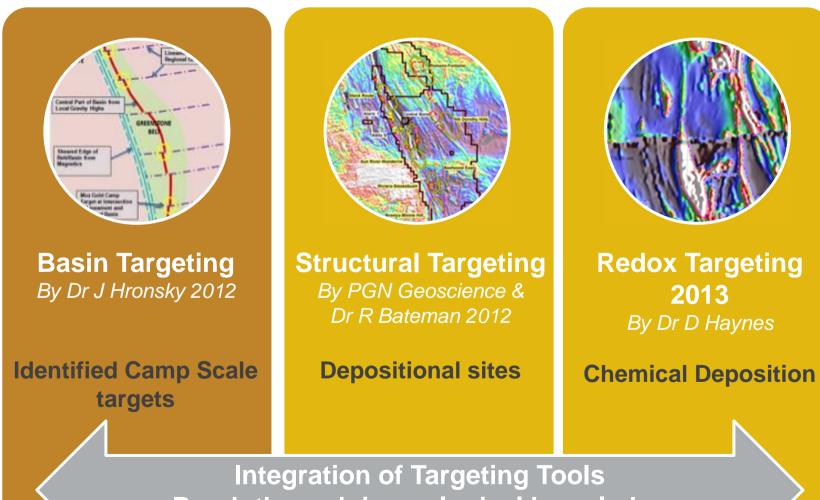


# High-Priority Gold Camps

'Smart Exploration'

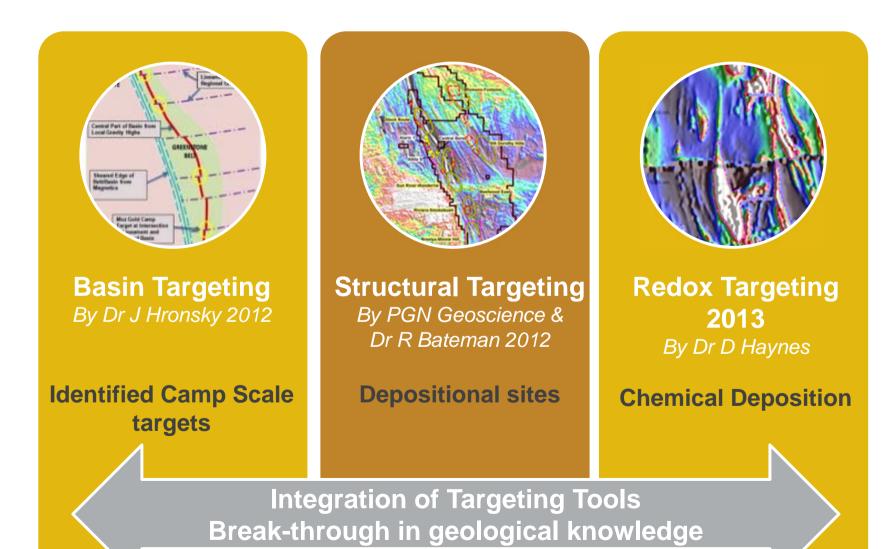


#### **Targeting Methodology**



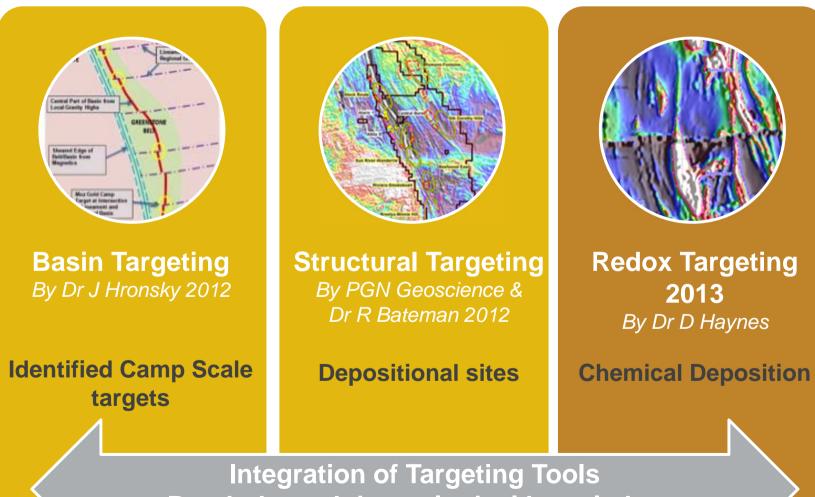


#### **Targeting Methodology**





#### **Targeting Methodology**



Break-through in geological knowledge



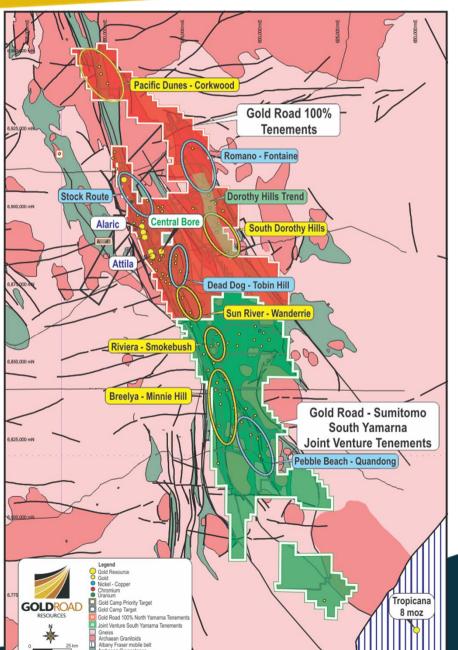
## Yamarna Belt: An Unexplored Gold Region



## **Major New Gold Region**

- Tenements covering ~ 4,200km<sup>2</sup>
  - > 100 gold targets, grades up to 2,500 g/t Au
- JORC Resource of >1.3M oz Au, so far
- 2009:
  - Discovery of high-grade Central Bore
- 2012:
- Potential economic viability of mining confirmed at Central Bore\*
- Identification of high-priority Gold Camp Targets
- 2013
  - Redox analysis highlighted numerous Redox targets
  - Discovery of broad mineralised systems at Dorothy Hills

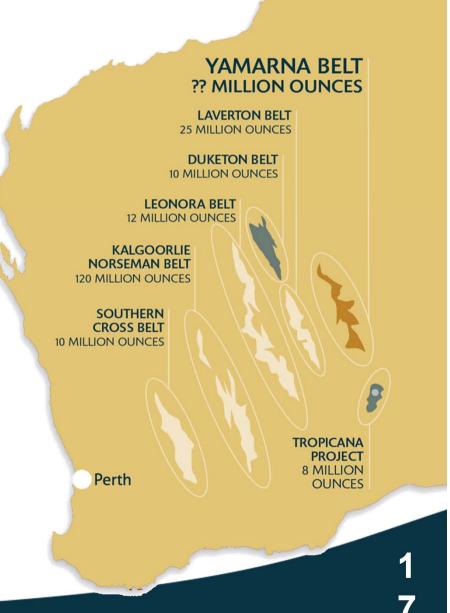






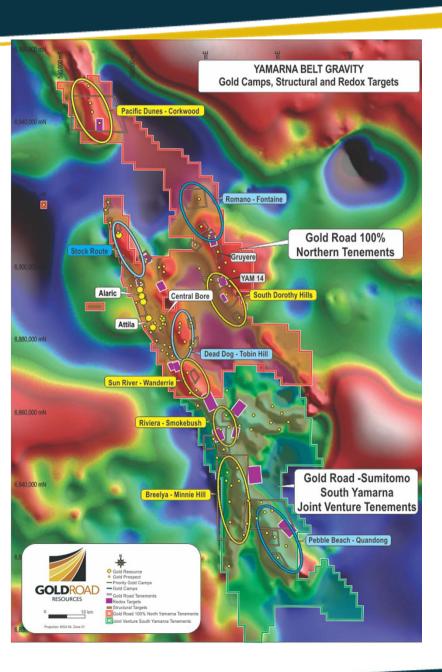
### **Major New Gold Region**

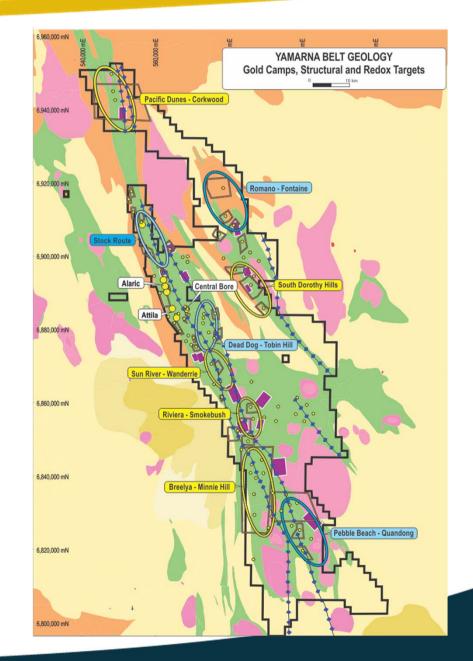
- One of the most prospective, but least explored greenstone belts in WA
- First and only company to systematically explore the region for gold, discovered in 1990s
- Ownership of almost the entire Yamarna Belt
- Outstanding new gold discoveries
- New gold region >100 gold targets identified
- Earn-in Exploration JV with Sumitomo Metal Mining over South Yamarna (effective May 2013)





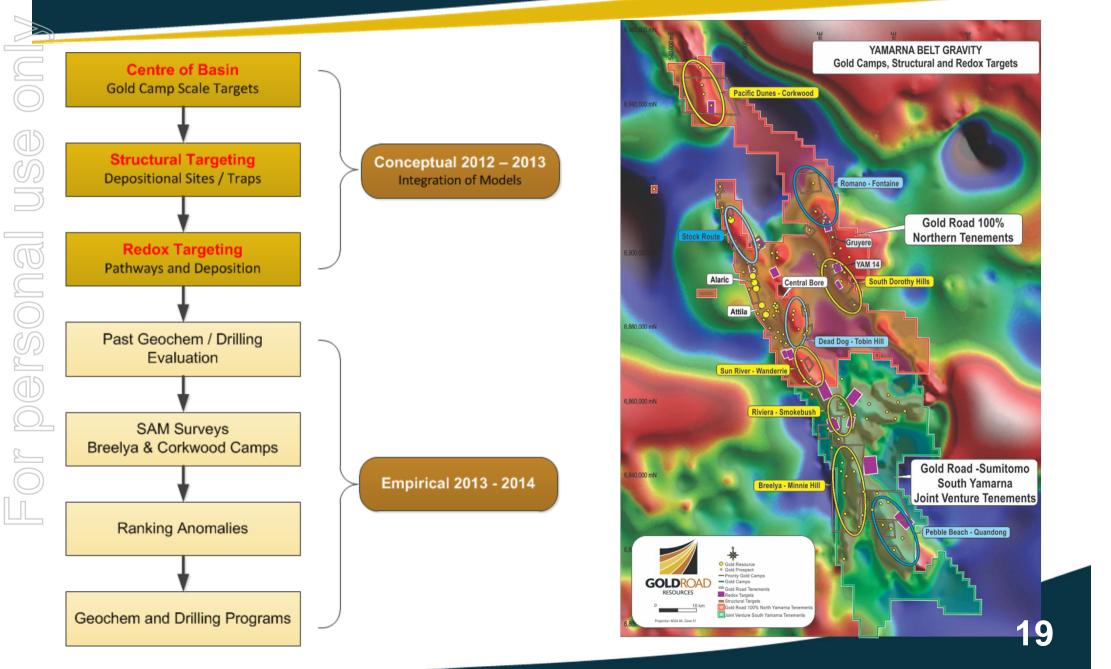
#### Redox and Structural Targets Identified Gravity (left) and Geology (right)





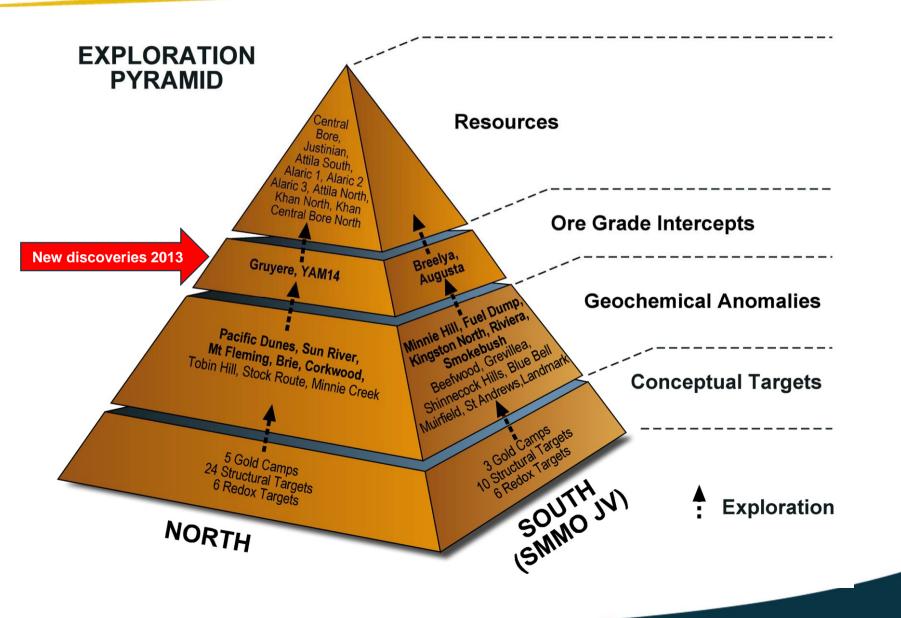


### **Regional Work Program**





## **Depth of Projects**



## Who is Sumitomo Metal Mining?



Or personal

#### **International Reputation**

- Japanese non-ferrous metals mining & manufacturing company
- Formed in 1590 (so > 400 years of experience)
- Market capitalisation \$8bn
- Expertise in gold & copper mining:
  - Hishikari Mine in Japan Ο
  - Pogo Mine in Alaska Ο
  - NorthParkes in NSW Ο
  - La Candelaria/Ojo del Salado in Chile Ο (Freeport-McMoran)
  - Cerro Verde in Peru (Freeport-McMoran) Ο
  - Morenci in USA (Freeport-McMoran) Ο
  - Sierra Gorda in Chile (KGHM Polska)
- Aggressive growth strategy:
  - Au from 20t to 30tpa (960koz) Ο



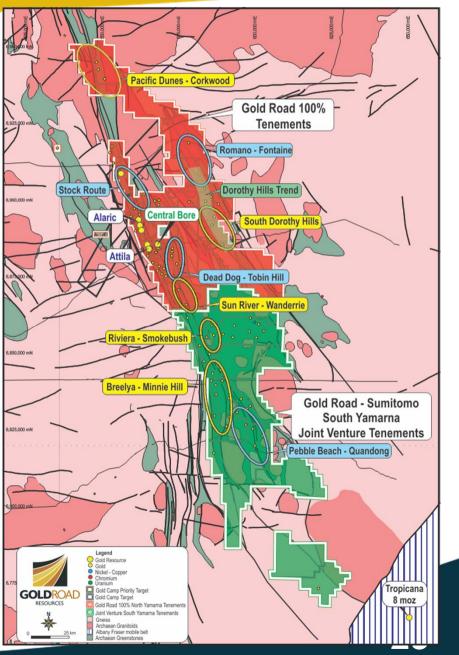






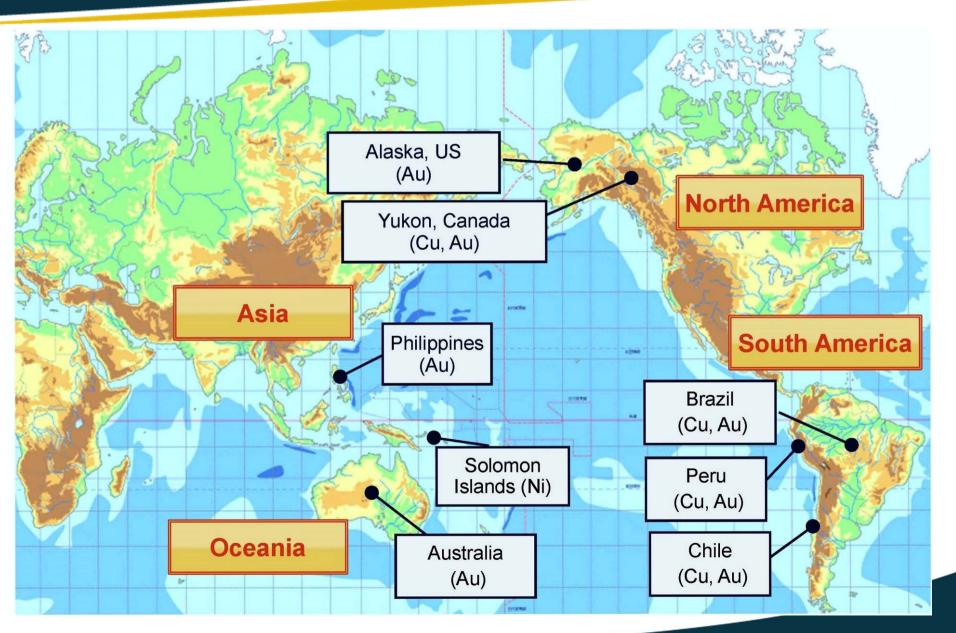
### **Sumitomo Metal Mining JV Terms**

- South Yamarna JV Tenements cover ~ 2,120km<sup>2</sup>
- Minimum expenditure \$3.5m prior to end 2014
- Earn a percentage interest in these tenements:
  - \$5m spend = 30%
- \$8m spend = 50%
- Gold Road is Manager during Earn-In period





#### **Other Sumitomo Metal Mining JV's**





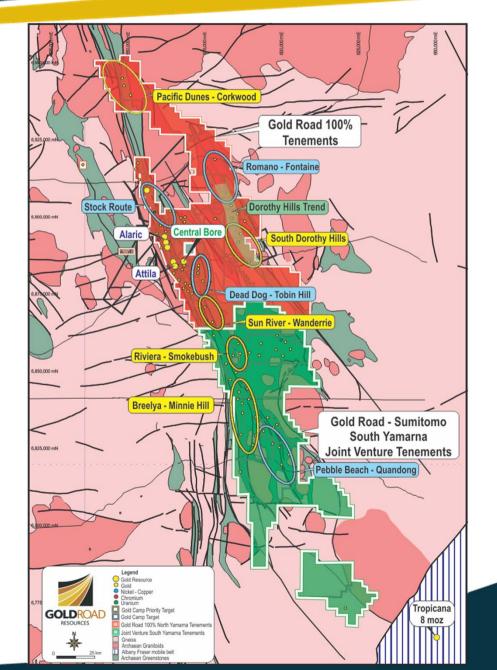
## Other Targets to be tested in 2013/2014

'Smart Exploration'



## **Priority Camps**

- 5 High-Priority camps (plus another 4)
- In Progress:
  - Dorothy Hills Trend
  - Breelya Minnie Hill
- To be drill-tested this year:
  - Pacific Dunes Corkwood
- To be tested in 2014:
  - Sun River Wanderrie
  - Riviera Smokebush



-DG[SONA] -



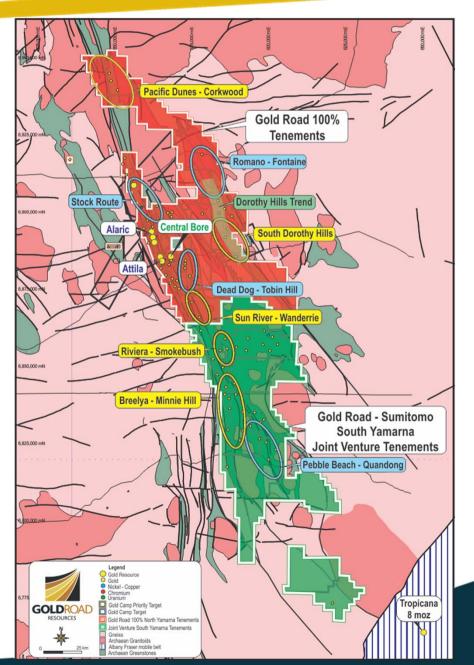
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# Put Into Perspective



### **Put Into Perspective**

- ~4,200km<sup>2</sup> under-explored gold region
- Earn-in Joint Venture over South Yamarna with **Sumitomo Metal Mining**
- 100 prospects identified across tenements
- 1.3 million ounces of gold resource so far
- 9 Gold Camp Targets identified
- Breakthrough discoveries along Dorothy Hills Trend

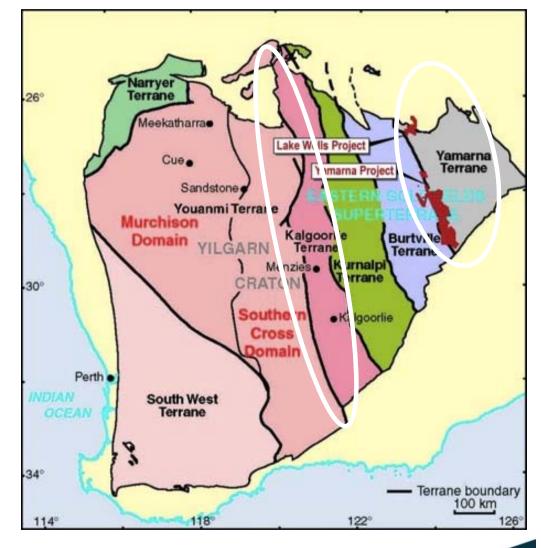




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### **Put Into Perspective**

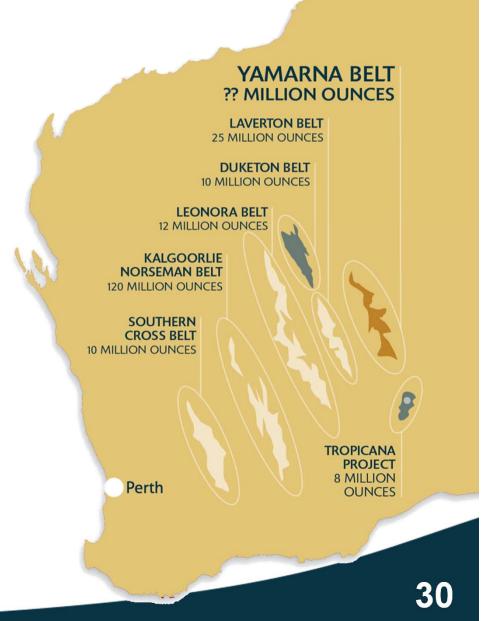
- ~4,200km<sup>2</sup> under-explored gold region
- Earn-in Joint Venture over South Yamarna with **Sumitomo Metal Mining**
- 100 prospects identified across tenements
- **1.3** million ounces (39.2t) of gold resource so far
- 9 Gold Camp Targets identified
- Breakthrough discoveries along Dorothy Hills Trend
- Advanced projects to deliver cash flow
- Strong comparison to Kalgoorlie Belt ...
  exploration commenced in 1880s
- Yamarna Belt systematic exploration only commenced in 2009





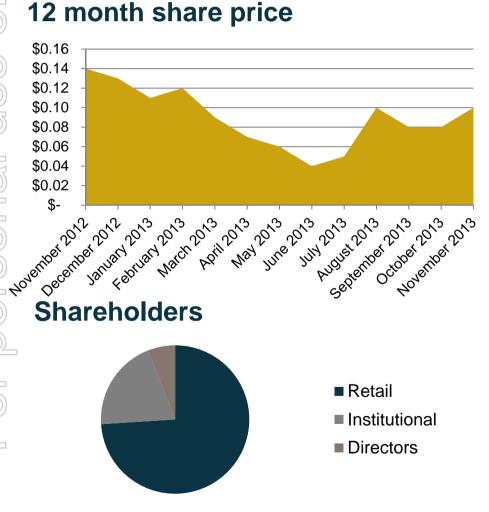
- New gold region: >100 gold targets identified
- Conceptual targeting identifies new Gold Camp Targets
- **Redox Targeting identifies priority targets**
- First targets tested deliver breakthrough discoveries
- Continued exploration, discoveries and studies in 2013
- Exploration JV with international miner

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#### **Corporate Summary**



#### **Directors & Management**

Ian Murray Ziggy Lubieniecki Russell Davis Martin Pyle

Kevin Hart Gordon Murray Justin Osborne Shaun Richardson Sharon Goddard Executive Chairman Executive Director Non-exec Director (Founding) Non-exec Director

Company Secretary Business Development Manager Exploration Manager Exploration Services Manager Business Services Manager

#### **Corporate snapshot**

ASX Code	GOR
Issued Shares (undiluted)	456M*
Performance Rights	5M*
Unlisted Options	14M*
Share Price	A\$0.10*
Average daily volume	~1M
Market Cap	~A\$45M*
Net Cash	\$9.2M <sup>#</sup>

\*As at 22 November 2013

# Cash at 30 September 2013 plus 2012 R&D Refund 21 October 2013

The information in this presentation which relates to Exploration Results or Mineral Resources is based on information compiled by Mr Justin Osborne and Mr Ziggy Lubieniecki, employees of Gold Road Resources Limited, who are Fellow and Member of the Australasian Institute of Mining and Metallurgy respectively. Mr Osborne and Mr Lubieniecki have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 and the 2012 Editions of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Osborne and Mr Lubieniecki consent to the inclusion in the presentation of the matters based on this information in the form and context in which it appears.

The current resources are prepared in accordance with the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves", 2004 Edition (JORC 2004). Gold Road is not aware of any new information or data that materially affects the information included in the relevant market announcement. In the case of estimates of Mineral Resources, the company confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

The information in this report which relates to the Gold Mineral Resource estimates are based on geostatistical modeling by Ravensgate using sample information and geological interpretation supplied by Gold Road. The Mineral Resource estimates were undertaken by Don Maclean, a Principal Consultant. Mr Maclean is the competent person responsible for the Resource and Member of the Australasian Institute of Geoscientists and has sufficient experience relevant to the style of mineralisation and type deposit under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the 7 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Mr Maclean cor to the inclusion in this report of the matters based on this information in the form and context in which it appears.

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## Appendices



#### **Appendix 1: Resource Table**

Project Name (cut-off)	Tonnes of Ore ('000t)	Grade Au (g/t)	Contained Au (Ounces)	Contained Au (Tonnes)
Central Bore Trend (1.0g/t) (2013)	814	7.7	201,100	6.2
Measured	43	26.6	36,700	1.1
Indicated	428	8.7	119,300	3.7
Inferred	343	4.1	45,100	1.4
Attila Trend (0.5g/t) (2012) (encompasses Attila South; Attila North; Alaric; Khan and Khan North projects)	25,527	1.3	1,060,000	33.0
Measured	8,382	1.4	389,000	12.1
Indicated	9,360	1.2	373,000	11.6
Inferred	7,785	1.2	298,000	9.3
TOTAL	26,341	1.5	1,261,100	39.2

April 2013 JORC 2004 compliant Gold Resource for the Yamarna Gold Belt