ASX Announcement
17 September 2013

RAB DRILLING INTERCEPTS SECOND GOLD MINERALISATION ZONE AT DOROTHY HILLS

Highlights

- **Rotary Air Blast (RAB) drill hole program intercepts gold mineralisation over a strike length of 900 metres, and up to 100m wide, at a second target in Dorothy Hills area**
- **41 RAB-holes drilled on three lines 400 metres apart for 1,356 metres over Gruyere structural target during August 2013**
- **Significant gold intercepts (at 0.1 g/t Au cut-off) included:**
  - **6 metres @ 0.29 g/t Au from 4 metres**
  - **7 metres @ 0.42 g/t Au from 4 metres**

Gold Road Resources Limited (**Gold Road** or the **Company**) (ASX: GOR) is pleased to announce that first pass RAB drilling has discovered a 900 metre long zone of bedrock gold mineralisation at the Gruyere structural target. Gruyere is the second target at the Dorothy Hills area to be drill tested at its 100%-owned Yamarna Gold Belt, located in the eastern Goldfields of Western Australia (Figure 1).

In August 2013, Gold Road completed a 48 RAB-hole program for 1,356 metres, designed to test part of a 1.5 kilometre long gold anomaly identified from the shallow RAB geochemical drilling program at the Gruyere structural target 9 kilometres north of, and along the same structural trend as the YAM14 Redox target where RAB intercepts of up to 8 metres at 2.56 g/t Au and 11 metres at 1.63 g/t Au were recently reported. (Refer ASX announcements dated 26 August 2013 and 9 September 2013 and Figure 2).

Gold Road Chairman Ian Murray said, "We are very encouraged that we have intercepted bedrock gold mineralisation at the second target we have **RAB drilled** at Dorothy Hills. The RAB intercepts at both targets, YAM14 Redox and Gruyere, are within an interpreted basin centre and are approximately 9 kilometres apart (Figure 2).

The extent of the gold anomalism warrants immediate follow up. A 1,500 – 3,000 metre RC drilling program is scheduled for October 2013. We will also be testing with RAB/Aircore two other Camp-Scale Targets at Breelya in the south and Pacific Dunes in the north of our Yamarna tenements."

ASX Code: GOR

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All RAB holes were drilled to refusal at -60^{o} dip towards magnetic azimuth of 250^{o}. Depth of holes varied from 4 to 84 metres with an average depth of 33 metres. The drill lines were approximately 400 metres apart with holes 10 to 40 metres apart. RAB samples were composited to 4 metres to produce a bulk 3 kilogram sample which was analysed using aqua-regia digestion with a 1 ppb detection limit.

The drill-hole locations were surveyed using a handheld GPS. Sampling was carried out under Gold Road's protocols and QAQC procedures as per industry best practice.

Initial analysis indicates that the gold mineralisation is hosted by quartz veining within a granite dyke. The sand cover was from surface to a maximum of 4 metres and maximum depth to the Permian/Archaean unconformity was 18 metres. The granite dyke is relatively hard with the RAB unable to penetrate through it. As a result all mineralised holes were terminated at shallow depths in the range of 7 – 13 metres.

The most northern drill line intercepted anomalous gold mineralisation in 7 holes, over a distance of approximately 100 metres, which could indicate the presence of multiple mineralised zones or a wide zone of mineralisation. The anomalous zone is open ended and will be followed up with further drilling.

Gold Road has generated 15 priority Structural Targets and 5 top priority Camp-Scale Targets (refer to Figures 2 and 3) with a total area of approximately 500km^2 (~10% of the total tenement holding). The Redox analysis carried out by Douglas Haynes Discovery Pty Ltd (the third regional targeting tool) generated 15 Redox Targets. The size of most of the Structural and Redox Targets is of prospect scale.

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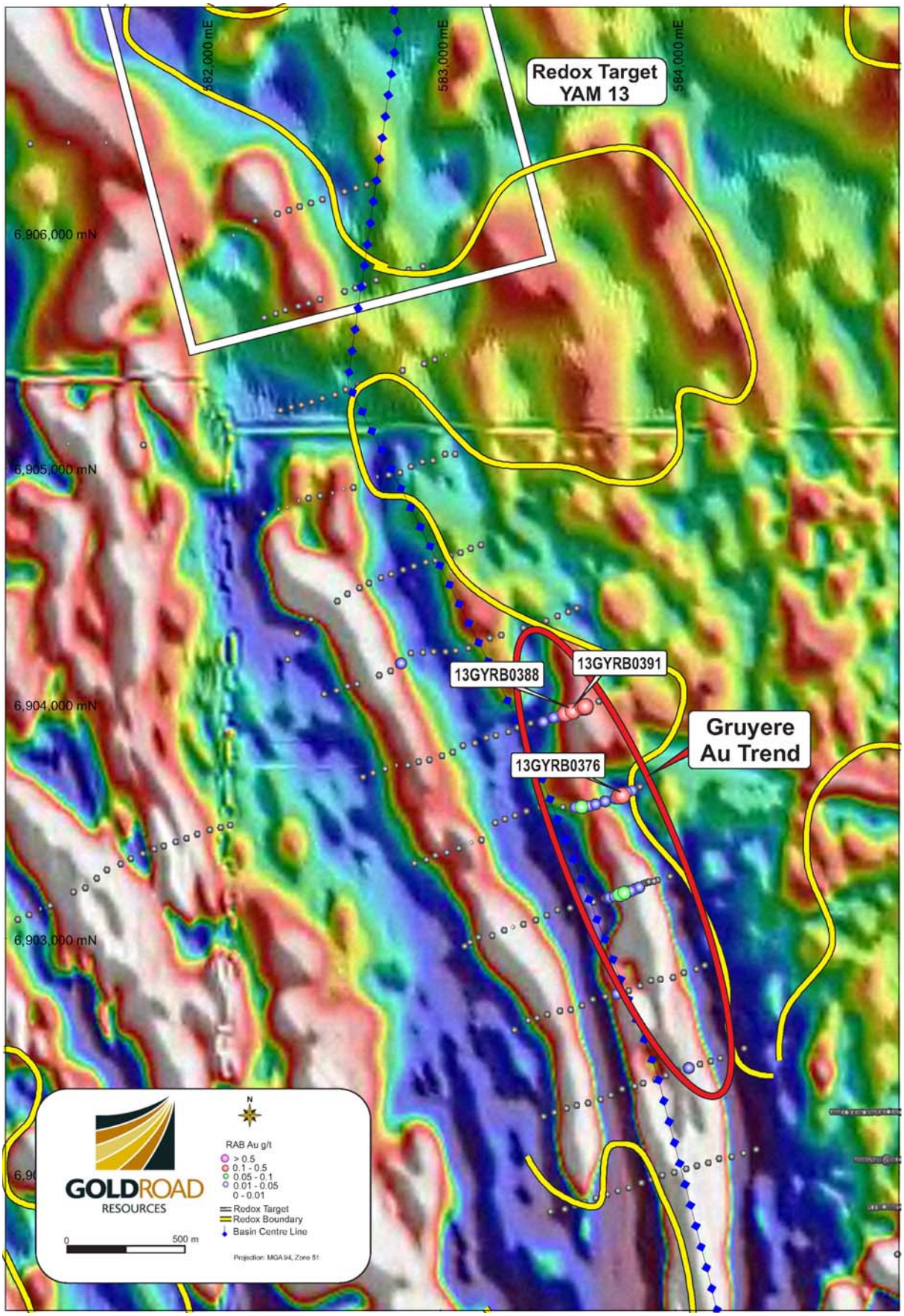

Figure 1: *Maximum gold intercepts in Gruyere structural target and basin centre over magnetic image*

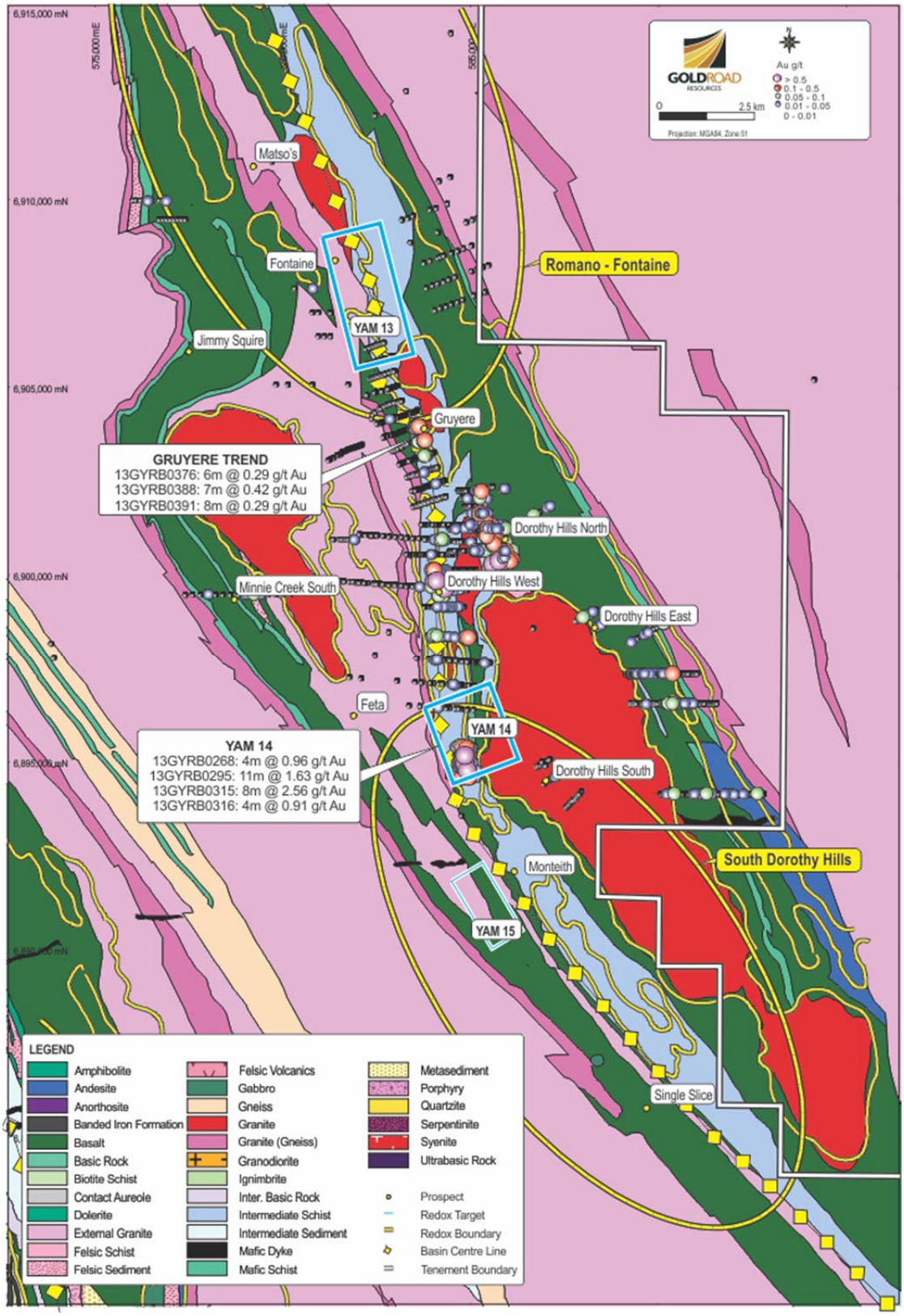

Figure 2: *Redox Targets, basin centre over geology image at Dorothy Hills area.*

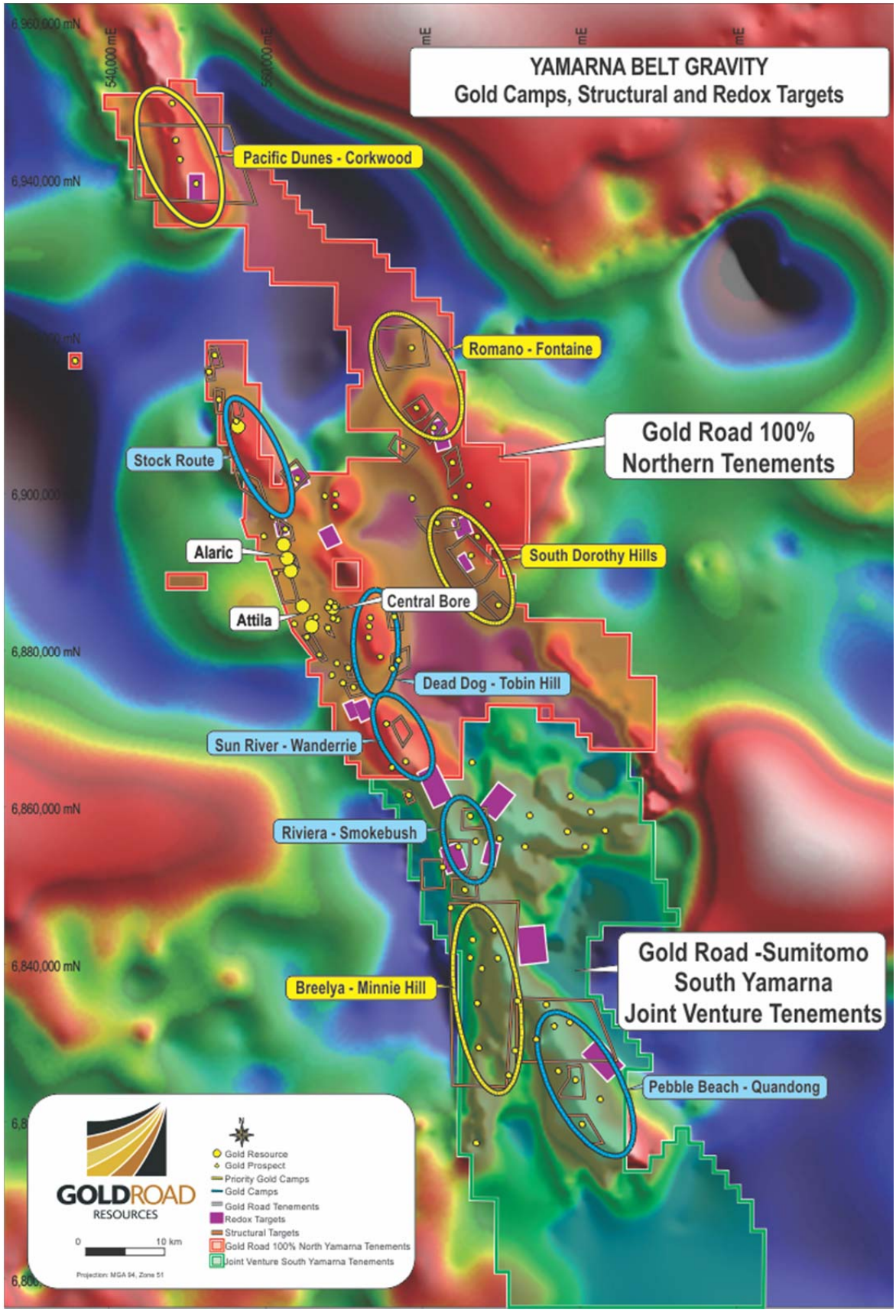

Figure 3: *Gold Road 100% tenements and Gold Road-Sumitomo South Yamarna Joint Venture tenements showing location of Gold Camps and Redox Targets*

About Gold Road Resources

Gold Road Resources Limited (ASX: **GOR)** is exploring and developing its wholly-owned **Yamarna Belt**, a newly discovered gold region covering ~5,000 square kilometres on the Yilgarn Craton, 150km east of Laverton in Western Australia.

Gold Road announced in May 2013 an exploration joint venture with Sumitomo Metal Mining Oceania Pty Ltd (a subsidiary of Sumitomo Metal Mining Co. Limited) for Sumitomo Metal Mining to earn up to 50% interest in Gold Road's South Yamarna tenements, an area covering 2,720km^2.

The Yamarna Belt, adjacent to the 500 kilometre long Yamarna shear zone, is historically underexplored and highly prospective for gold mineralisation. Geologically similar to the prolific Kalgoorlie Gold Belt, the Yamarna Belt has a resource of 1.3 million ounces of gold, hosts a number of significant new discoveries and lies north of the 7.9 million ounce Tropicana deposit.

Gold Road is prioritising exploration of five **Gold Camp-Scale Targets** on the Yamarna Belt. Identified in 2012 through interpretation of various geological and geophysical data sets, each target has a 15-20 kilometre strike length and contains numerous prospects. Initial exploration of these targets has been very encouraging.

Gold Road plans to fund exploration through production from its more developed projects – Central Bore and Attila. Central Bore Project has a JORC resource of 201,100 ounces of gold at an average grade of 7.7g/t Au and includes the high-grade Imperial Shoot, which has a JORC Resource of 112,200 ounces of gold at an average grade of 22.7g/t Au. Attila has a JORC Resource of 1,060,000 ounces of gold at an average grade of 1.3g/t. It extends more than 33 kilometres and contains numerous deposits including Attila, Alaric, Khan and Khan North.

Current JORC compliant Gold Resource. Note: rounding errors may occur

Project Name (cut-off)	'000t	Grade g/t Au	Ounces Au
Central Bore (1.0 g/t) (2013)	**814**	**7.7**	**201,100**
Measured	43	26.6	36,700
Indicated	428	8.7	119,300
Inferred	343	4.1	45,100
Attila Trend (0.5 g/t) (2012) (encompasses Attila South; Attila North; Alaric; Khan and Khan North projects)	**25,527**	**1.29**	**1,060,000**
Measured	8,382	1.44	389,000
Indicated	9,360	1.24	373,000
Inferred	7,785	1.19	298,000
TOTAL	**26,341**	**1.5**	**1,261,100**

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.

Appendix

Table 1: *Summary of Significant RAB (0.1 g/t cut off) Intercepts*

Hole_ID	mFrom	mTo	Au g/t	GDA94_East	GDA94_North
13GYRB0375	4	8	0.10	583,763	6,903,607
13GYRB0376	4	8	0.24	583,774	6,903,611
13GYRB0376	8	10	0.33	583,774	6,903,611
13GYRB0387	12	13	0.19	583,533	6,903,959
13GYRB0388	4	8	0.35	583,562	6,903,969
13GYRB0388	8	11	0.48	583,562	6,903,969
13GYRB0390	4	7	0.12	583,607	6,903,986

Table 2: *Summary of RAB hole collars*

Hole ID	Depth	GDA94 East	GDA94 North	RL	Magnetic Azimuth	Dip
13GYRB0351	49	583,701	6,903,170	415	250	-60
13GYRB0352	40	583,718	6,903,176	415	250	-60
13GYRB0353	47	583,739	6,903,182	415	250	-60
13GYRB0354	33	583,761	6,903,185	415	250	-60
13GYRB0355	31	583,780	6,903,192	415	250	-60
13GYRB0356	34	583,791	6,903,197	415	250	-60
13GYRB0357	34	583,799	6,903,201	415	250	-60
13GYRB0358	25	583,810	6,903,204	415	250	-60
13GYRB0359	27	583,820	6,903,206	415	250	-60
13GYRB0360	33	583,827	6,903,211	415	250	-60
13GYRB0361	31	583,845	6,903,217	415	250	-60
13GYRB0362	19	583,855	6,903,225	415	250	-60
13GYRB0363	28	583,862	6,903,233	415	250	-60
13GYRB0364	15	583,872	6,903,237	415	250	-60
13GYRB0365	10	583,883	6,903,240	415	250	-60
13GYRB0366	4	583,888	6,903,240	415	250	-60
13GYRB0367	4	583,908	6,903,245	415	250	-60
13GYRB0368	60	583,572	6,903,558	415	250	-60
13GYRB0369	70	583,601	6,903,559	415	250	-60
13GYRB0370	69	583,631	6,903,565	415	250	-60
13GYRB0371	84	583,659	6,903,573	415	250	-60
13GYRB0372	64	583,691	6,903,582	415	250	-60
13GYRB0373	40	583,722	6,903,593	415	250	-60
13GYRB0374	41	583,742	6,903,598	415	250	-60
13GYRB0375	8	583,763	6,903,607	415	250	-60
13GYRB0376	10	583,774	6,903,611	415	250	-60
13GYRB0377	24	583,802	6,903,626	415	250	-60
13GYRB0378	40	583,815	6,903,631	415	250	-60
13GYRB0379	48	583,830	6,903,636	415	250	-60
13GYRB0380	29	583,850	6,903,647	415	250	-60
13GYRB0381	74	583,437	6,903,924	415	250	-60
13GYRB0382	34	583,465	6,903,935	415	250	-60
13GYRB0383	46	583,476	6,903,941	415	250	-60
13GYRB0384	13	583,484	6,903,945	415	250	-60
13GYRB0385	72	583,495	6,903,946	415	250	-60
13GYRB0386	15	583,525	6,903,956	415	250	-60
13GYRB0387	13	583,533	6,903,959	415	250	-60
13GYRB0388	11	583,562	6,903,969	415	250	-60
13GYRB0389	11	583,593	6,903,981	415	250	-60
13GYRB0390	7	583,607	6,903,986	415	250	-60
13GYRB0391	9	583,616	6,903,988	415	250	-60