



TARGETS IDENTIFIED BY SAM SURVEY ENHANCE PACIFIC DUNES – CORKWOOD GOLD CAMP

Highlights

- **SAM survey identified 13 targets that enhance the prospectivity of the Pacific Dunes - Corkwood Gold Camp**
- **Almost all the SAM-generated gold targets are coincident with gold anomalies from previous widely spaced drilling**
- **Follow up drill programs at Pacific Dunes - Corkwood are currently being planned and anticipated to start in Q4 2013**

Gold Road Resources Limited (**Gold Road** or the **Company**) (ASX: GOR) has identified **13 new high-priority gold targets** from the Airborne Sub-Audio Magnetic (**SAM**) survey within the **Pacific Dunes – Corkwood Gold Camp**, located approximately 65 kilometres north of the high-grade Central Bore gold deposit of the Yamarna Greenstone Belt.

The Pacific Dunes – Corkwood Gold Camp is one of the “high-priority Gold Camp Targets” identified through the Regional Targeting exercise undertaken through 2012 – 2013 (refer ASX announcement dated 6 June 2013). The new gold targets were identified using the **SAM** survey in July 2013 by Gap Geophysics Australia Pty Limited (Figure 1).

The SAM survey covered an area of approximately 60 square kilometres (12km x 5km). The total survey distance was approximately 582 line-kilometres with line spacing of 100 metres. The Pacific Dunes – Corkwood area is characterised by presence of sand and Permian sandstone cover up to 40 metres thick. Due to this cover, the majority of historical surface geochemistry is not effective.

Gold Road Chairman Ian Murray said: “The identification of these 13 high-priority targets at Pacific Dunes – Corkwood enhances the results from the Regional Targeting exercises undertaken through 2012 - 2013 and the potential for future exploration of the other Gold Camp Targets.

“SAM is an excellent, quick and cost effective geophysical tool for gathering high-resolution subsurface information over a prospect scale area.”

ASX Code: GOR

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Four sets of data have been received from the SAM survey:

1. Total Magnetic Intensity - **TMI**
2. Equivalent Magnetometric Resistivity - **EQMMR**
3. Total Field Electromagnetic - **TFEM**
4. Digital Elevation Model - **DTM**

The interpretation work carried out by Core Geophysics has generated 13 gold targets, which will be internally assessed and ranked, prior to follow up drilling in late 2013. Almost all these SAM-generated gold targets, which are associated with the three main EQMMR highs (Figures 2 and 3), coincide with historically derived gold anomalies from sparse and widely spaced drilling.

One of the EQMMR targets (CW 13), associated with the strong eastern trend (deeper weathering), coincides with the Redox target (Yam 1) and another target (CW 12) shows strong TFEM response correlating with ultramafics represents potential nickel sulphide target.

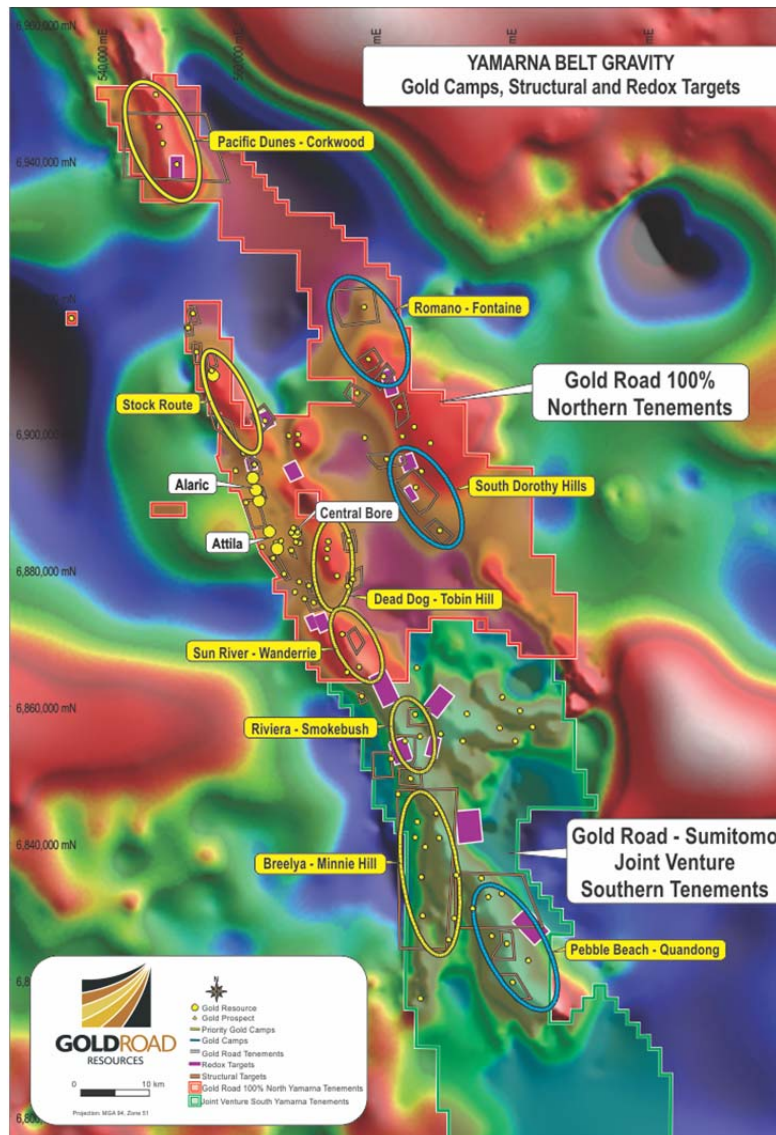


Figure 1: Gold Road 100% tenements and Gold Road-Sumitomo South Yamarna Joint Venture tenements showing location of Gold Camps and Redox Targets

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0 500 1,000 metres Scale 1:50,000

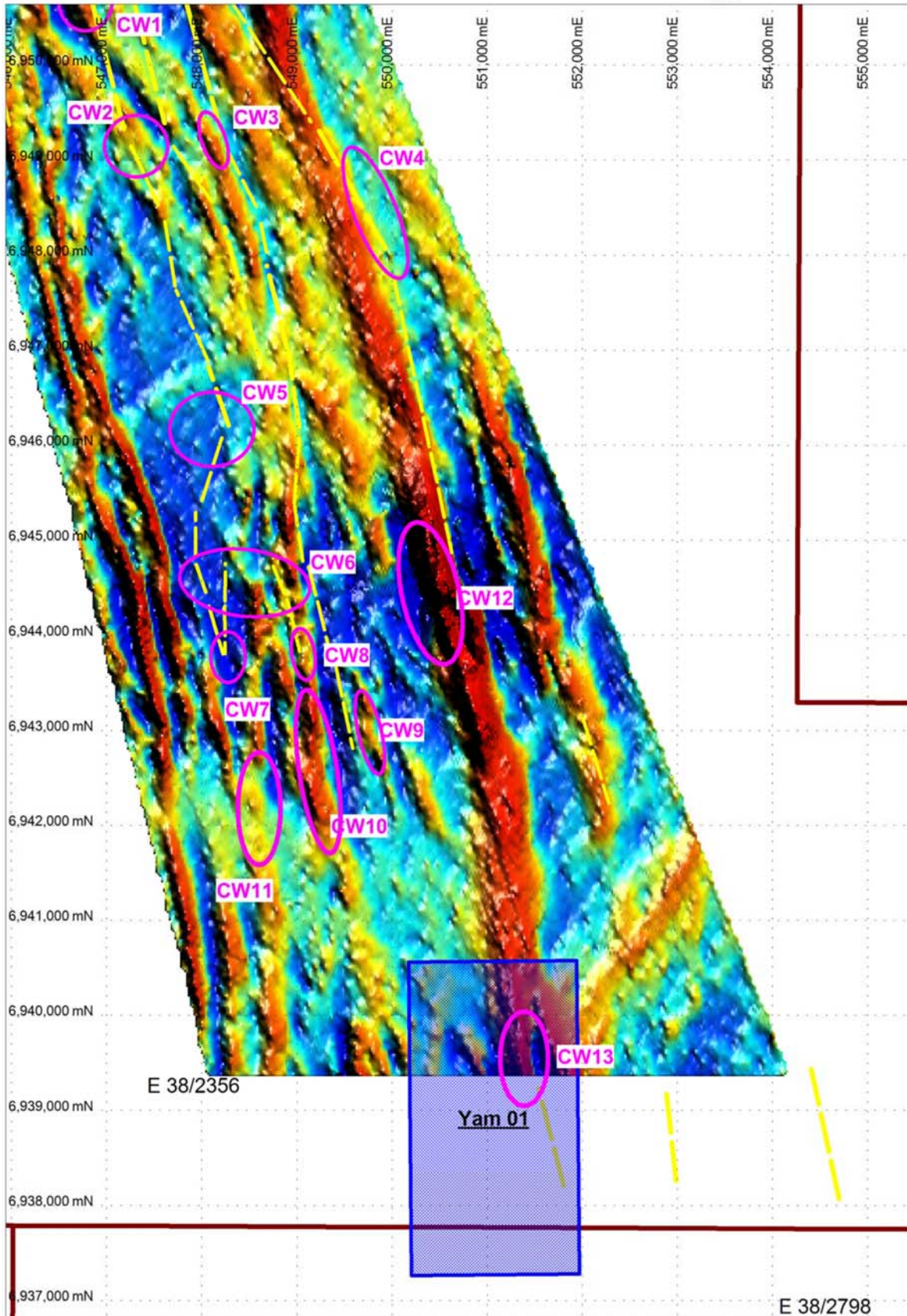


Figure 2: Pacific Dunes – Corkwood SAM generated gold targets over EQMMR first vertical derivative image (high conductivity in red and yellow, high resistivity in blue) with gold anomalous trends (yellow lines) and Yam 1 Redox target (blue rectangle)

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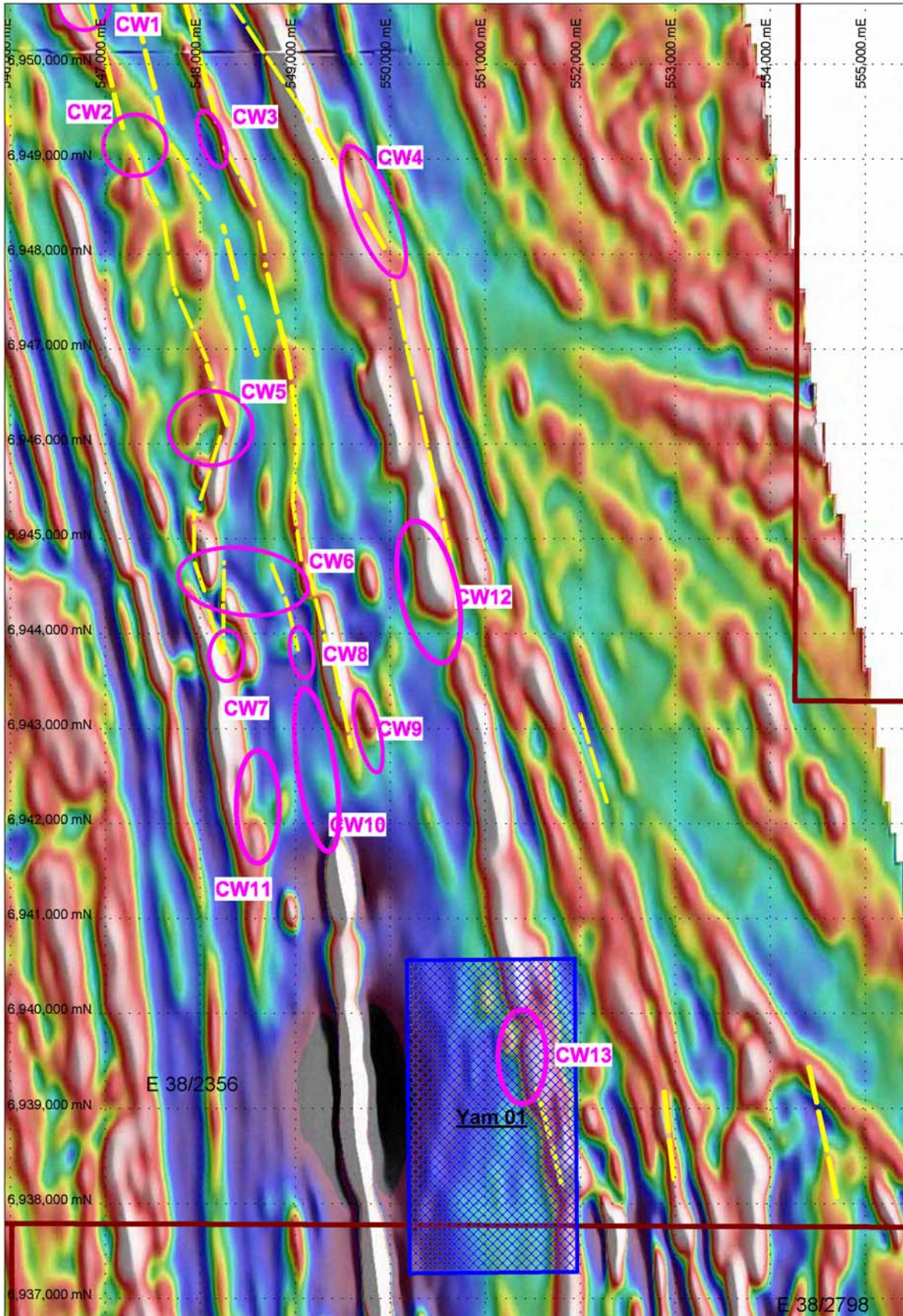


Figure 3: Pacific Dunes – Corkwood, SAM generated gold targets over airborne magnetics first vertical derivative image with gold anomalous trends (yellow lines) and Yam 1 Redox target (blue rectangle)

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South Dorothy Hills

The RAB/Aircore drilling program has commenced over two Redox targets (Yam 13 and 14) at South Dorothy Hills and Romano – Fontaine Gold Camps (refer to Figures 1 and 4). At Yam 14 a two kilometre gold anomaly was discovered with up to 200ppb (0.22g/t) gold from auger sampling (refer ASX announcement dated 2 July 2013).

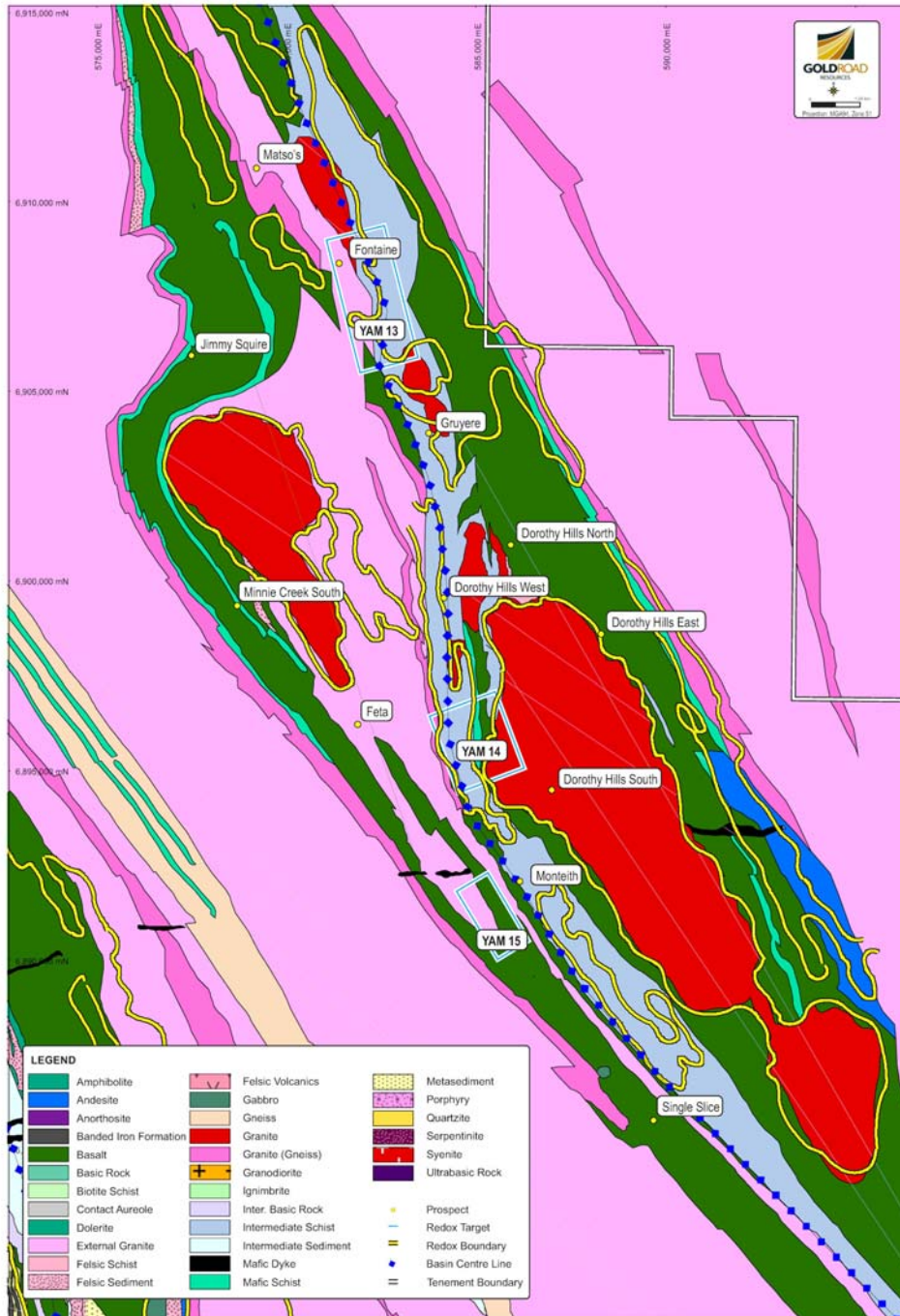


Figure 4: Redox Targets Yam 13, 14 & 15, Redox boundaries, basin centre over geology image at Dorothy Hills area.

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Gold Road – Sumitomo Joint Venture

A SAM survey was also conducted over the Breelya – Minnie Hill Gold Camp (Figure 1), which is within the Gold Road – Sumitomo Joint Venture Southern Tenements, and the interpretation is in progress. A drilling program in this area will be undertaken in Q4 2013.

Exploration Program for 2013

Target Area	Anticipated Drilling Dates (subject to change due to drill results)
South Dorothy Hills – Yam 13 & 14 (Gold Road 100%)	August - September 2013
Breelya – Minnie Hill (Gold Road-Sumitomo South Yamarna Joint Venture)	September - October 2013
Pacific Dune – Corkwood (North Yamarna – Gold Road 100%)	November 2013

About SAM

SAM is an active source geophysical method that channels current into conductive sub-surface features, generating an electromagnetic field that is detected at the surface. It produces high-resolution images of conductivity structure in the regolith and bedrock that is very useful for mineral exploration at prospect scale. SAM can work over salt lakes and deep cover. SAM is an excellent geophysical tool for gathering high-resolution subsurface information over a prospect scale area. Faults and shears interpreted from SAM images are complementary to structural information from magnetic and gravity images.

The EQMMR results can then be related to conductivity contrasts due to conductive minerals and differential weathering within shear zones, different lithologies, lithological contacts and structures. In general, the EQMMR highs can be interpreted as sites of increased current flow in zones of higher conductivity or more intense weathering in the regolith, whereas EQMMR lows highlight more resistive areas.

SAM surveys have been successfully applied at several locations including St. Ives Gold Mine, Songvang Gold Deposit near Agnew, Indee Gold Prospect, Lena Shear near Cue, Bogada Bore Gold Prospect and the Woodie Woodie Manganese Mine.

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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 2,720km².

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 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.

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