

# ASX Announcement & Media Release

27 July 2011

## Fast Facts

ASX Code: RNS  
Shares on issue: 71.2 million  
Market Capitalisation: ~\$23 million  
Cash: ~\$5.3 million (30 June 2011)

## Board & Management

Rick Hart, Chairman  
Justin Tremain, Managing Director  
Mel Ashton, Non-Executive Director  
Shane Hibbird, Exploration Manager  
Hamish Halliday, Consultant  
Steve Parsons, Consultant

## Shareholders

Gryphon Minerals  
Management  
Catalpa Resources  
Newmont  
Aust. & Overseas Institutional Investors  
Top 5 ~ 50%

## Company Highlights

- Dominant strategic land holding
- Targeting multi million ounce systems
- Aggressive exploration
- Exceptional capital structure
- Proven management

## Eastern Goldfields Project, WA

- Extensive 2,700km<sup>2</sup> holding strategically positioned on the Keith-Kilkenny Tectonic Zone and Laverton Tectonic Zone

## Southern Cross Project, WA

- Radio Gold Mine: historical production 71,050 ounce Au at 38.5g/t

## Quicksilver Project, Alaska

- Rock chip samples of up to 36g/t Au

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Renaissance  
minerals limited

## Quarterly Report for the period ended 30 June 2011

### Highlights

- **Commencement of second drilling program at the Pinjin Gold Project** following up the previous significant intersections at the **Kirgella's Gift and T15 Prospects**
- **Completed review and geological interpretation** of historical data on the broader **Eastern Goldfields tenement package** including an **independent regional structural review**
- **Discussions and evaluation of strategic** opportunities to advance and enhance the redevelopment **of the historic high grade Radio Gold Mine**
- Review of a number of additional exploration project opportunities both within Australia and offshore
- **Cash position of ~\$5.3 million** (30 June 2011)

### Introduction

During the June Quarter Renaissance Minerals Ltd ("Renaissance" or "Company") commenced its second major drilling program at the Pinjin Gold Project in the Eastern Goldfields of WA. Previously announced significant drilling results at Kirgella's Gift and T15 prospects are being followed up with a combination of Reverse Circulation and Air Core drilling. Drilling results will be reported at the first available opportunity.

The Company and its consultants continue to provide additional information requested by the Department of Mines and Petroleum ("DMP") to facilitate the approval of the Project Management Plan ("PMP") submitted to the DMP for the dewatering and refurbishment of the Radio Gold Mine. The Company believes approval of the PMP is imminent and accordingly has been investigating opportunities that may enhance the redevelopment proposition.

Upcoming activities in the September 2011 Quarter are to include:

- Ongoing drilling program at the Pinjin Gold Project in the Eastern Goldfields with results to be announced at first available opportunity
- Field activities on defined regional targets in the broader Eastern Goldfields tenement package
- Strategic decision on the Radio Gold Mine
- Interpretation of the aeromagnetic survey conducted on the Quicksilver Project in Alaska
- Review of external exploration project opportunities

## Eastern Goldfields Project, Western Australia

### Background

The Eastern Goldfields Project covers an area of approximately 2,700km<sup>2</sup>. The large tenement package covers Archaean greenstones within the highly prospective Eastern Goldfields Province of the Yilgarn Craton. The project is centered approximately 120 kilometres east of Kalgoorlie. The tenements cover positions within the two major the NW-SE trending regional structural domains known as the Keith Kilkenny Tectonic Zone and the Laverton Tectonic Zone. The Laverton Tectonic Zone alone hosts over 20 individual gold deposits which cumulatively contain in excess of 27 million ounces of gold. The two largest gold deposits on this structure being the 10+ million ounce Sunrise Dam deposit and the 5+ million ounce Wallaby deposit.

The Eastern Goldfields Project area is predominately situated between Integra Mining Ltd's Randalls, Maxwell's and Santa gold deposits at the southern end of the tenement package and Saracen Minerals Ltd's Carosue Dam Gold Project in the northern area of the tenement package.

The Company is focusing its exploration activities on the highly prospective Pinjin Gold Project that was acquired from Newmont in September 2010 and lies within the Company's broader Eastern Goldfields tenement package. The Pinjin Gold Project covers the Pinjin and Rebecca Palaeochannel systems that are host to numerous palaeochannel gold intersections of up to 30g/t Au. In 2005 Newmont acquired its interest in the Pinjin Gold Project with an objective of discovering the primary source of the palaeochannel gold. Newmont commenced initial RAB and Air Core drilling in 2007 which resulted in the discovery of mineralisation at "T12" and drill intersections including 10m @ 1.0g/t gold and 1m @ 30g/t gold. This initial drilling was followed up with a 4 hole diamond core drilling program in 2008. Diamond hole PJDD0001 was successful in discovering a primary gold system within a complex geological package beneath the palaeochannel. A 6 metre wide mineralised vein system was intersected, with fine visible gold, returning 5.9 metres @ 7.2g/t Au from 89.7 metres.

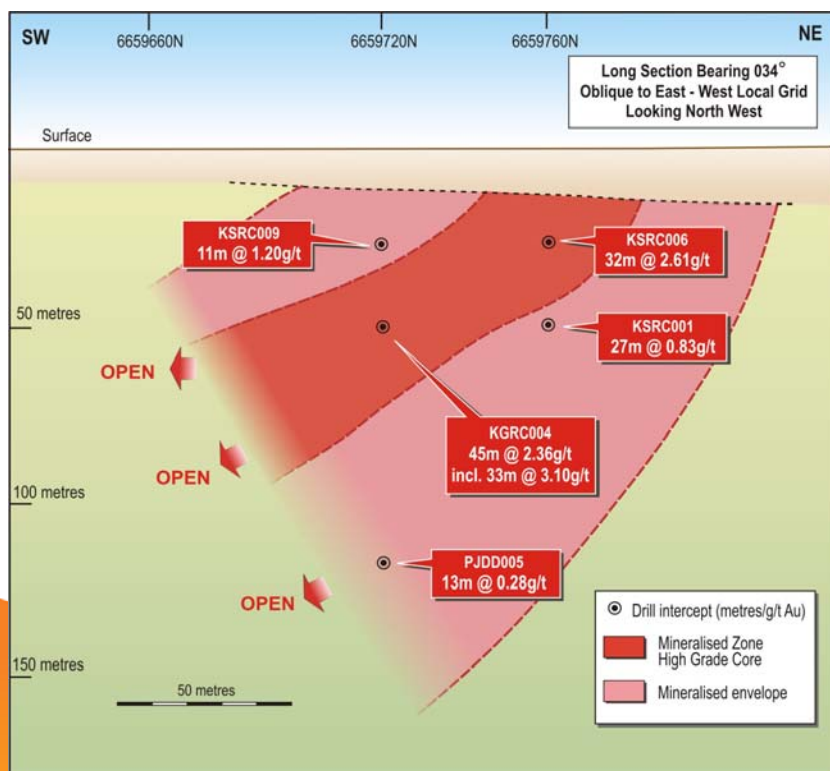
Due to internal budgeting constraints and other priorities, Newmont undertook very little follow up work and the mineralisation intersected remains open at depth and along strike. Both the style and geological setting are comparable to the initial discovery of Sunrise Dam, which is approximately 100 kilometres to the north, in the same structural domain.

### Activities during the June Quarter

During the June Quarter, the Company commenced its second major drilling program at the Pinjin Gold Project. The Kirgella's Gift and T15 prospects are being targeted with a combination of Reverse Circulation and Air Core drilling.

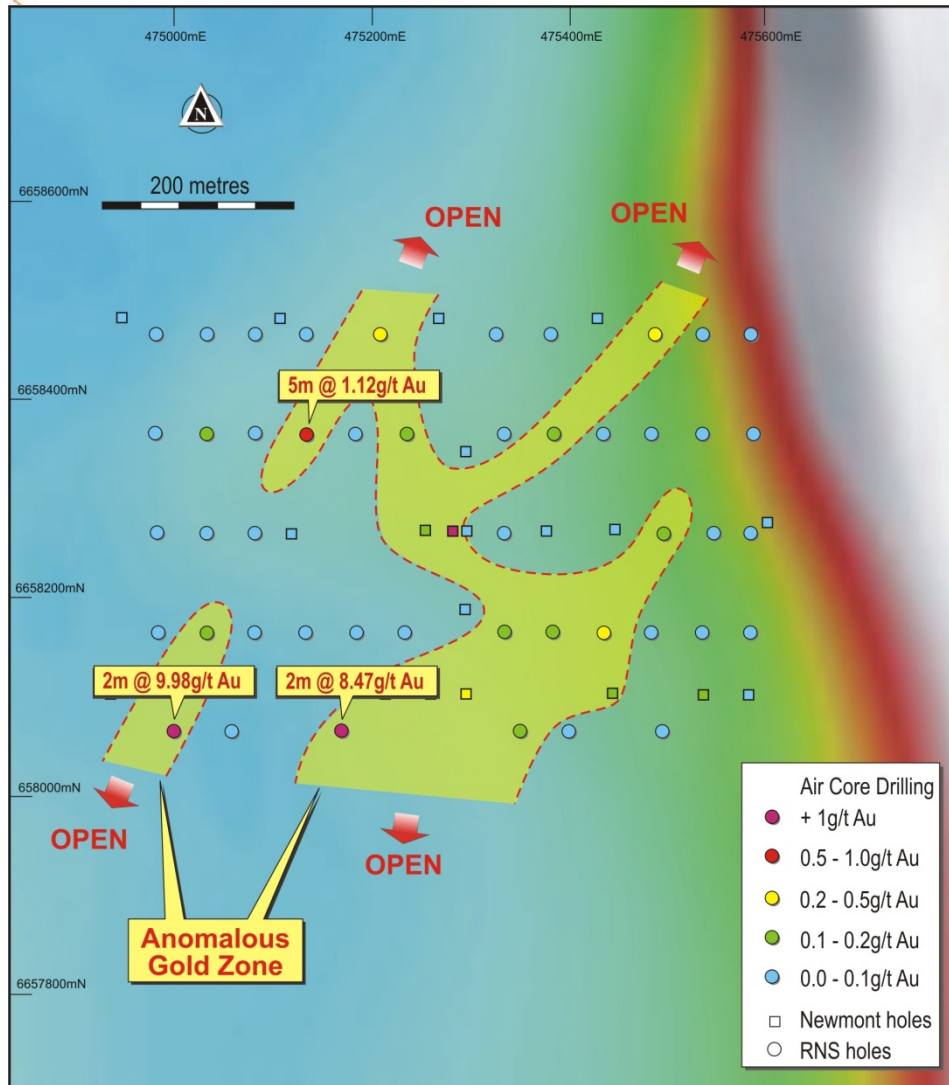
The Company is undertaking approximately 2,500 metres of Reverse Circulation drilling at Kirgella's Gift Prospect to follow up the previously announced intersections of significant broad zones of shallow high grade gold mineralization. Previously announced intersections included 33 metres @ 3.10g/t gold from 51 metres (including 6 metres @ 7.52g/t gold). This intersection was drilled south of a historical intersection of 32 metres @ 2.61g/t gold from 13 metres. There has been no effective drilling further to south and accordingly the prospect remains open in that direction. The current drilling program is targeting this southern strike potential.

Figure One: Kirgella's Gift Long Section



An Air Core drilling program of approximately 5,000 metres is designed to follow up and extend the previously defined anomalous bedrock gold at the T15 Prospect. T15 is situated approximately 2 kilometres south of Kirgella's Gift. A previously completed 100 metre by 50 metre Air Core drilling grid identified a significant bedrock gold anomaly covering approximately 600 metres in strike that remains open. The current drilling program will expand this grid to the south and west to further test this anomaly.

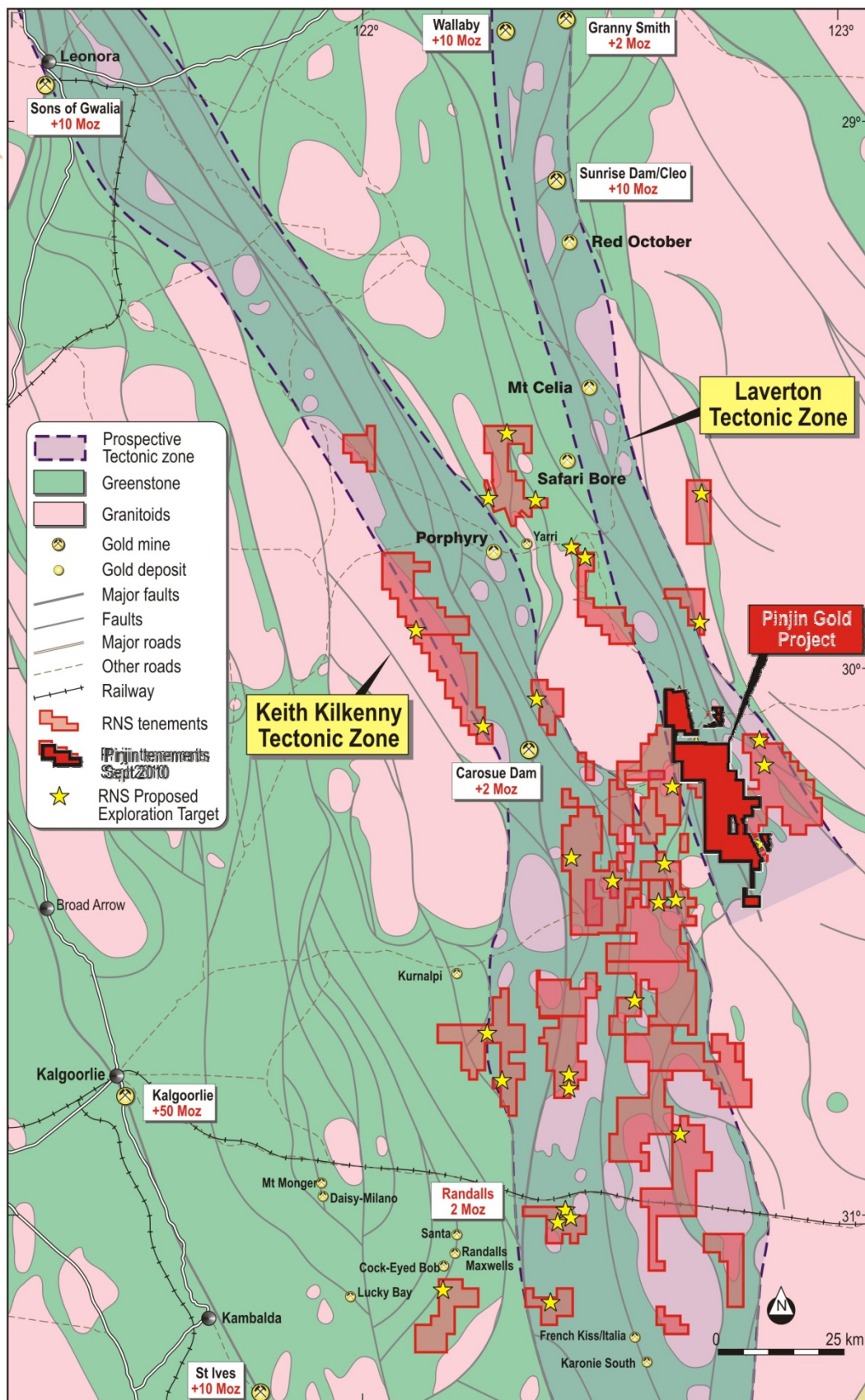
Figure Two: T15 Drill Hole Plan



The Company has completed a geological review and interpretation of the available historical data on the broader extensive Eastern Goldfields tenement package. In addition, the Company engaged an independent structural geologist to undertake a regional review to assist in target definition. The Company has generated multiple exploration targets and has commenced field activities on the highest priority targets with Program of Works ("POW") submitted for approval to commence reconnaissance style drill testing on some of these targets.



Figure Three: Eastern Goldfields Project - Tenement Map



## Radio Gold Project, Southern Cross

### Introduction

The Radio Project area comprises a large contiguous block of tenements which cover an area of approximately 400km<sup>2</sup> centred on the historic Radio Gold Mine, located 40 kilometres north of Southern Cross. The project area abuts the +1 million ounce Copperhead gold mine.

In its day, the Radio Gold Mine was the highest grade gold mine in Western Australia. It produced approximately 71,050 ounces of gold at an average grade of 38.5g/t Au until it ceased production in 1974.

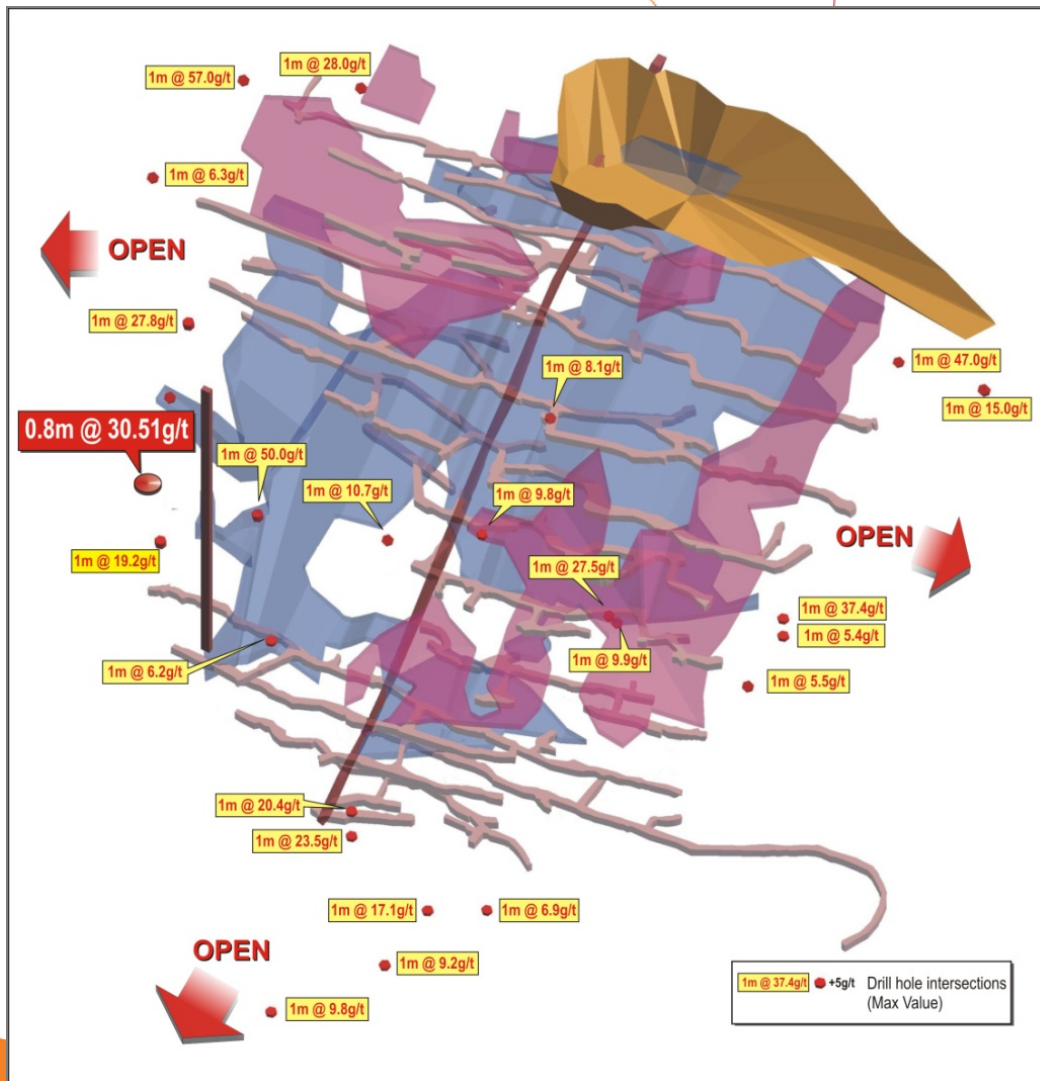
Historical workings at the mine extend to just 105 metres below surface and relatively recent drilling has identified additional mineralisation that extends in all directions from the mine. While the underground workings extend along strike for 150 metres, drilling indicates the Radio gold mineralisation extends for a minimum strike length of 420 metres and remains open.

Renaissance is confident there is potential for the Radio Gold Mine to host a high-grade mineable orebody, and the Company is seeking regulatory approvals to dewater and refurbish the underground workings to enable the mining of a bulk sample to demonstrate the gold grade potential.

### Activities during the June Quarter

The Company continued to address queries and requests from the Department of Mines & Petroleum to allow the approval of the Project Management Plan submitted for the dewatering and refurbishment of the Radio Gold Mine. Discussions have also been held with various parties in the region regarding possible enhancements to the proposed redevelopment of the mine. These discussions involve external funding being brought to the project and/or consolidation with other advanced projects in the region.

Figure Four: Radio Gold Project, Southern Cross



## **Mt Rankin Project, Southern Cross**

### **Background**

The Mt Rankin Project is located only 15 kilometres southwest of Southern Cross. The project covers an area in excess of 300km<sup>2</sup> of highly prospective rocks of the Southern Cross Greenstone Belt. The project area contains extension of the same rock sequence and fault structures that host other gold mines and known gold deposits in the area. The regionally significant north-south striking Greenmount Fault intersects the Mt Rankin tenement package. The Greenmount Fault is associated with a number of known gold deposits and gold mines along strike to the north and south. There are a number of significant gold soil anomalies within the project area that are yet to be tested.

### **Activities during the June Quarter**

No exploration work was undertaken on the Mt Rankin Project during the June Quarter.

## **Quicksilver Gold Project, Alaska**

### **Introduction**

The Quicksilver Gold Project is located within the highly prospective Tintina Gold Belt in south-west Alaska, which hosts a number of large scale igneous related gold deposits including the Fort Knox (7m oz), Pogo (5m oz) and Donlin Creek (32m oz) deposits.

The project area has been subject to geological mapping and rock chip sampling. The sampling was focussed on quartz veins, breccias, shears as well as zones of alteration and gossans. The rock chip sampling returned up to 36g/t Au assays.

### **Activities during the June Quarter**

A detailed aeromagnetic survey has recently been flown over the project area. The Company and its consultants are currently processing and interpreting the data.

## **Corporate**

As at 30 June 2011, the Company had cash of \$5.3 million.

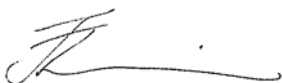
## **Project Generation**

The Company is continuously identifying and reviewing additional mineral exploration projects which may offer value enhancing opportunities to its Shareholders. In this regard, the Company is particularly focused on gold projects that offer significant exploration potential. During the Quarter, the Company reviewing numerous projects both within Australia and overseas. Some initial technical due diligence has been carried out on one of these opportunities.

Detailed information on all aspects of Renaissance Minerals projects can be found on the Company's website [www.renaissanceminerals.com.au](http://www.renaissanceminerals.com.au).

Yours faithfully

**Renaissance Minerals Ltd**



**Justin Tremain**  
**Managing Director**

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Shane Hibbird, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Shane Hibbird is a full-time employee of the company. Mr Shane Hibbird has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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 Shane Hibbird consents to their inclusion in the report of the matters based on his information in the form and context in which it appears.