

ASX Announcement & Media Release

25 January 2011

Fast Facts

ASX Code: RNS
Shares on issue: 71.2 million
Cash: \$6.7 million (31 Dec 2010)

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 ~ 45%

Company Highlights

- Near term gold production
- Dominant strategic tenement holdings
- Aggressive exploration
- Proven management

Southern Cross Project, WA

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

Eastern Goldfields Project, WA

- Extensive +3,000km² holding strategically positioned on the Keith-Kilkenny Tectonic Zone and Laverton Zone

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 31 December 2010

Highlights

- **Commenced maiden drilling program at the Pinjin Gold Project** testing the T12, Kirgella's Gift and T15 Prospects
- **Regulatory submissions completed** for the dewatering, refurbishment and bulk sampling of the historic high grade Radio Gold Mine
- **\$2.52m share placement to accelerate exploration** at the Eastern Goldfields Project with particular focus on the recently acquired Pinjin ground
- **Cash position of ~\$6.7 million** (31 December 2010)

Introduction

During the December Quarter Renaissance Minerals Ltd ("Renaissance" or "Company") commenced its maiden drilling program at the recently acquired Pinjin Gold Project in the Eastern Goldfields of WA. Three prospects (T12, Kirgella's Gift and T15) are being targeted with a combination of diamond core, RC and aircore drilling. Drilling results will be announced at the earliest possible opportunity.

In addition, regulatory approvals for the dewatering, refurbishment and bulk sampling of the Radio Gold Mine were progressed and final approvals are expected to be received in the current Quarter.

The Company undertook a share placement to raise \$2.52 million. The Company's major shareholder, Gryphon Minerals Ltd, agreed to participate in the placement to maintain its 16% shareholding. The additional funding raised allows the Company to accelerate its exploration programs.

Upcoming activities in the March 2011 Quarter are to include:

- Continuation of drilling program at the Pinjin Gold Project in the Eastern Goldfields
- Detailed geological mapping and interpretation of Pinjin drilling results
- Progression of regulatory approvals from the Radio Gold Mine

Eastern Goldfields Project, Western Australia

Background

The Eastern Goldfields Project **covers an area of over 3,000km²**. 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, Maxwells 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 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 aircore 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 December Quarter

During the Quarter, the Company commenced its maiden drilling program at the Pinjin Gold Project. A **diamond drill rig commenced a drilling program at the 'T12 Prospect'** designed to follow up the significant diamond core intersection drilled by Newmont of 5.9m @ 7.2g/t gold in fresh rock. An **air core rig commenced a program of approximately 6,000 metres following up significant anomalous gold and arsenic indentified by historical Newmont drilling at the 'T15 Prospect'**, located 3-4 kilometres south of the T12 Prospect.

In addition, the **Company commenced a reverse circulation (RC) drill program at the Kirgella's Gift Prospect**, located between the T12 and T15 Prospects, following up **historical intersections including 32m at 2.61g/t gold from 13 metres**.

Drilling results will be announced at the earliest possible opportunity.

The Company continued geological interpretation of the available historical data on the broader extensive Eastern Goldfields tenement package in order to generate and prioritise exploration targets.

Figure One: Pinjin Gold Project Drill Targets

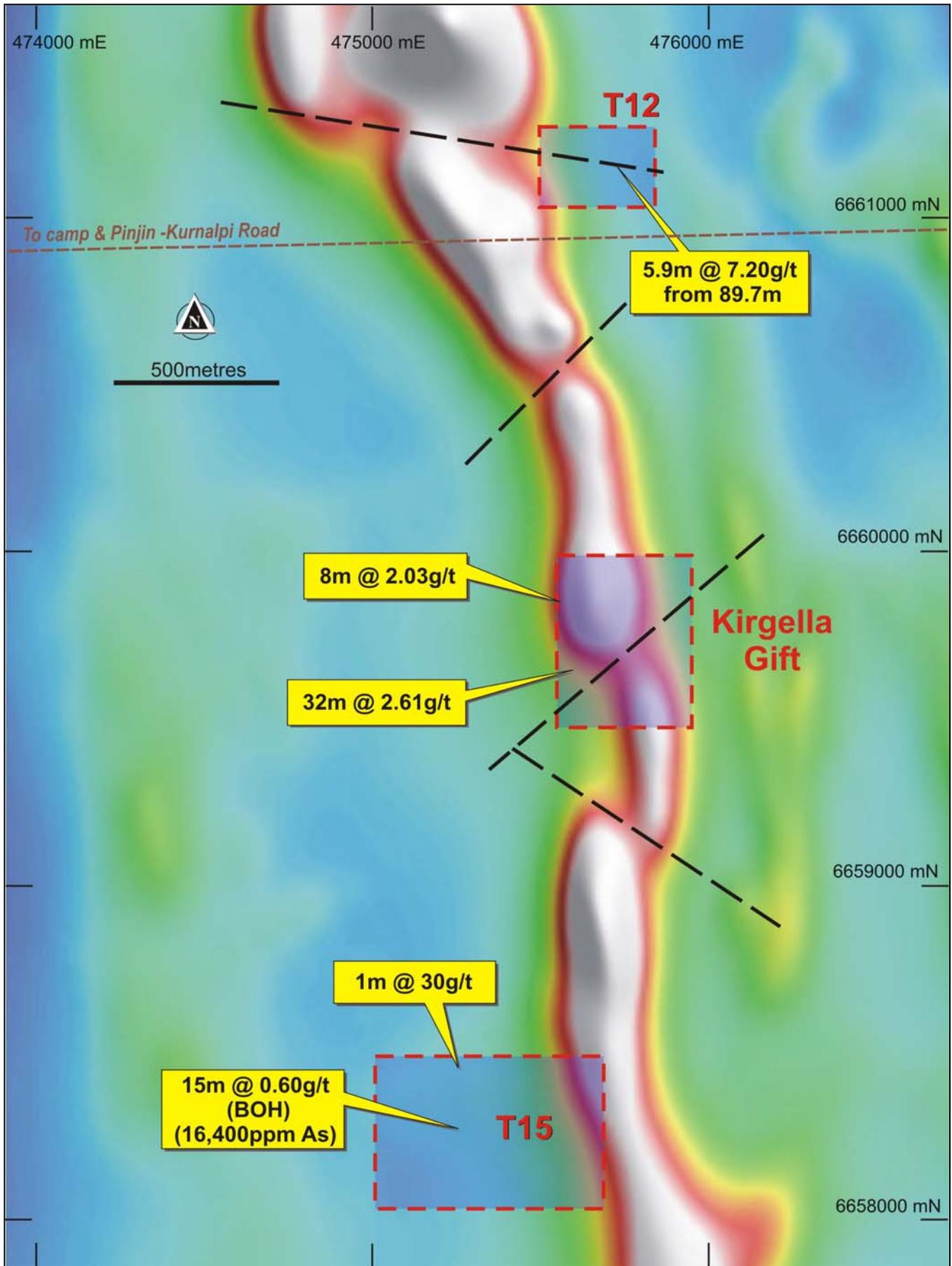
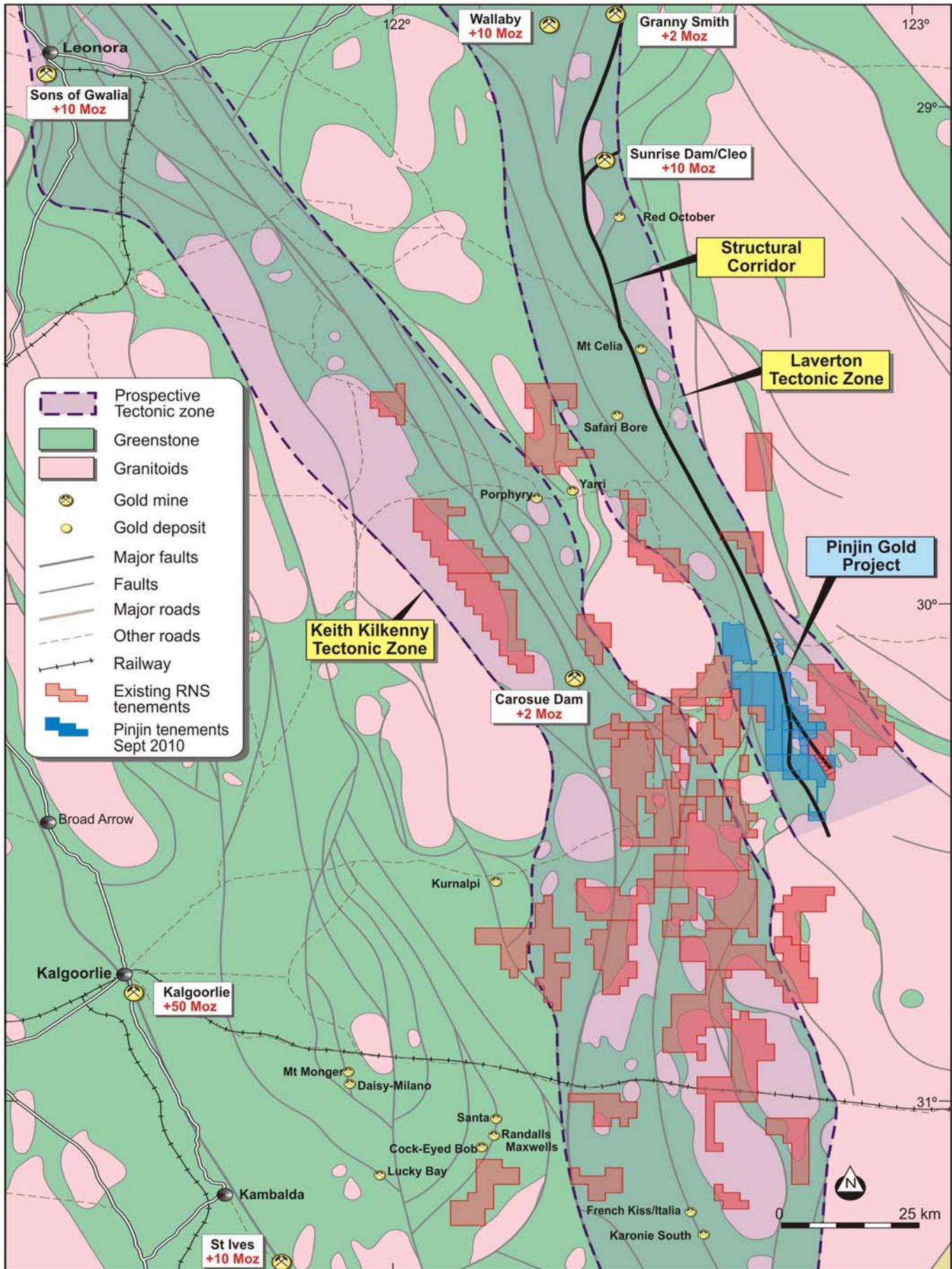


Figure Two: Eastern Goldfields Project - Tenement Map



Radio Gold Project, Southern Cross

Introduction

The Radio Project area comprises a large contiguous block of tenements which cover an area of approximately 400km² 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.

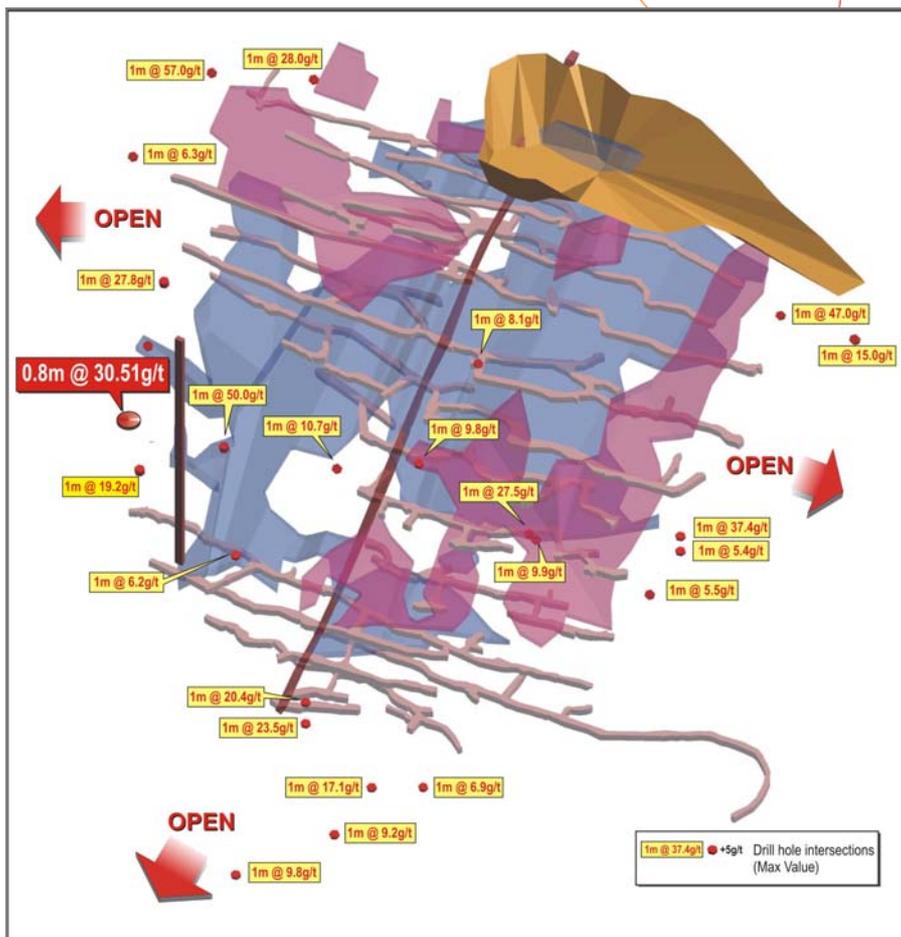
Historical workings at the mine extend to just 105 metres below surface and relatively recent drilling has identified additional mineralisation that extends in all directions from the mine. While the underground workings extend along strike for 150 metres, drilling indicates the Radio gold mineralisation 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 it is the Company's intention to dewater and refurbish the underground workings and then to mine a bulk sample to demonstrate the gold grade potential.

Activities during the December Quarter

Renaissance continued to progress the necessary permitting for the dewatering, mine refurbishment and bulk sampling process at the Radio Gold Mine. The Works Approval Application, Mining Proposal and Project Management Plan were complete and submitted to the Department of Mines & Petroleum and Department of Environment & Conservation. Approvals are expected during the current Quarter.

Figure Three: Radio Gold Project, Southern Cross



Mt Rankin Project, Southern Cross

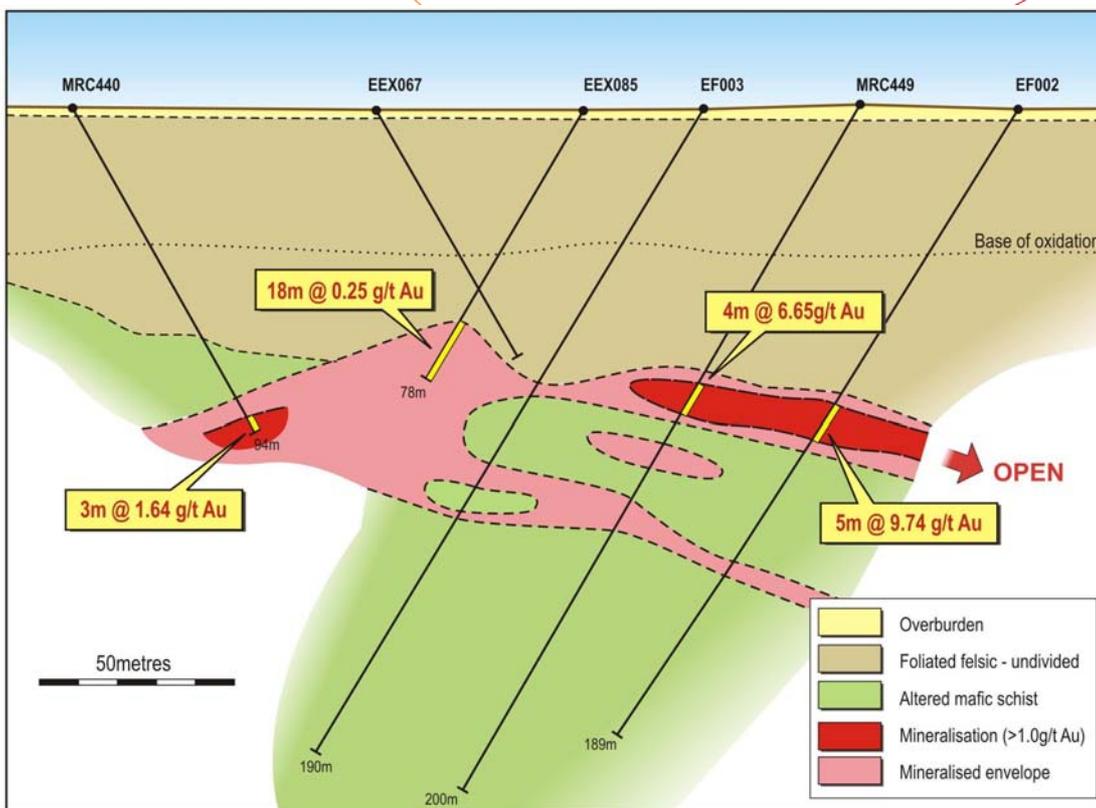
Background

The Mt Rankin Project is located only 15 kilometres southwest of Southern Cross. The project covers an area in excess of 300km² 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 December Quarter

During the December Quarter the Company undertook geological mapping and interpretation of the East Edwards Find prospect within the Mt Rankin Project. An RC hole drilled in the September 2010 Quarter intersected **5m @ 9.74g/t Au from 91 metres**. This intersection occurred beneath an historical intersection of 4m @ 6.65g/t Au from 82 metres. Mineralisation is open along strike to the north-east and down dip.

Figure Four: East Edwards Find Prospect Section



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 December Quarter

No exploration work was undertaken on the Quicksilver Project during the Quarter. Renaissance has commissioned a detailed aeromagnetic survey to be undertaken over the project area which will be completed once weather conditions permit.

Corporate

During the Quarter, the Company undertook a share placement to new sophisticated and existing institutional investors to raise \$2.52 million. The Company's major shareholder, Gryphon Minerals Ltd, agreed to participate in the placement to maintain its 16% shareholding. The additional funds raised allows the Company to accelerate exploration at the Eastern Goldfields Project with particular focus on the recently acquired Pinjin ground. As at 31 December 2010, the Company had cash of \$6.7 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.

Detailed information on all aspects of Renaissance Minerals projects can be found on the Company's website 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 consent to their inclusion in the report of the matters based on his information in the form and context in which it appears.