

ASX Announcement & Media Release

26 October 2010

Fast Facts

ASX Code: RNS
Shares on issue: 62.2 million
Cash: \$5.0 million (30 Sept 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 30 September 2010

Highlights

- **Acquisition of highly prospective Pinjin Gold Project** from Newmont
- Diamond core drilling at **Radio intersects 0.8m @ 30.51g/t Au**
- Regional exploration **drilling within Southern Cross package intersects 5m @ 9.74g/t Au at the "East Edwards Find" and 4m @ 2.80g/t Au at the Black & White Prospect**
- **Regulatory submissions nearing completion** for the dewatering, refurbishment and bulk sampling of the historic high grade Radio Gold Mine
- **Cash position of ~\$5.0 million** (30 September 2010)

Introduction

During the September Quarter Renaissance Minerals Ltd ("Renaissance" or "Company") continued to progress the proposed dewatering, refurbishment and bulk sampling of the Radio Gold Mine. Flora & fauna, geotechnical and waste characterisation studies required as part of the permitting process were undertaken and are nearing completion. A small diamond core drilling program (3 holes) was undertaken at the Radio Gold Mine which successfully intersected high grade gold mineralisation.

A regional exploration drilling program was also undertaken within the Company's Southern Cross tenement package. The results of this program were highly encouraging with significant intersections at East Edwards Find and the Black & White prospects.

The Company successfully acquired Newmont's highly prospective Pinjin Gold Project covering 277km² in the Eastern Goldfields of Western Australia. The acquisition complements Renaissance's existing extensive Eastern Goldfields tenement package and provides immediate high priority drill targets. First past drilling by Newmont at Pinjin returned significant results including 5.9m @ 7.2g/t Au in fresh rock which have had limited follow up drilling.

Upcoming activities in the December Quarter are to include:

- Final regulatory submissions to enable the permitting for the Radio Gold Mine
- Maiden drilling program in the Eastern Goldfields Project with particular focus on the Pinjin area
- Detailed geological mapping and interpretation of the recent regional drilling results at Southern Cross



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.

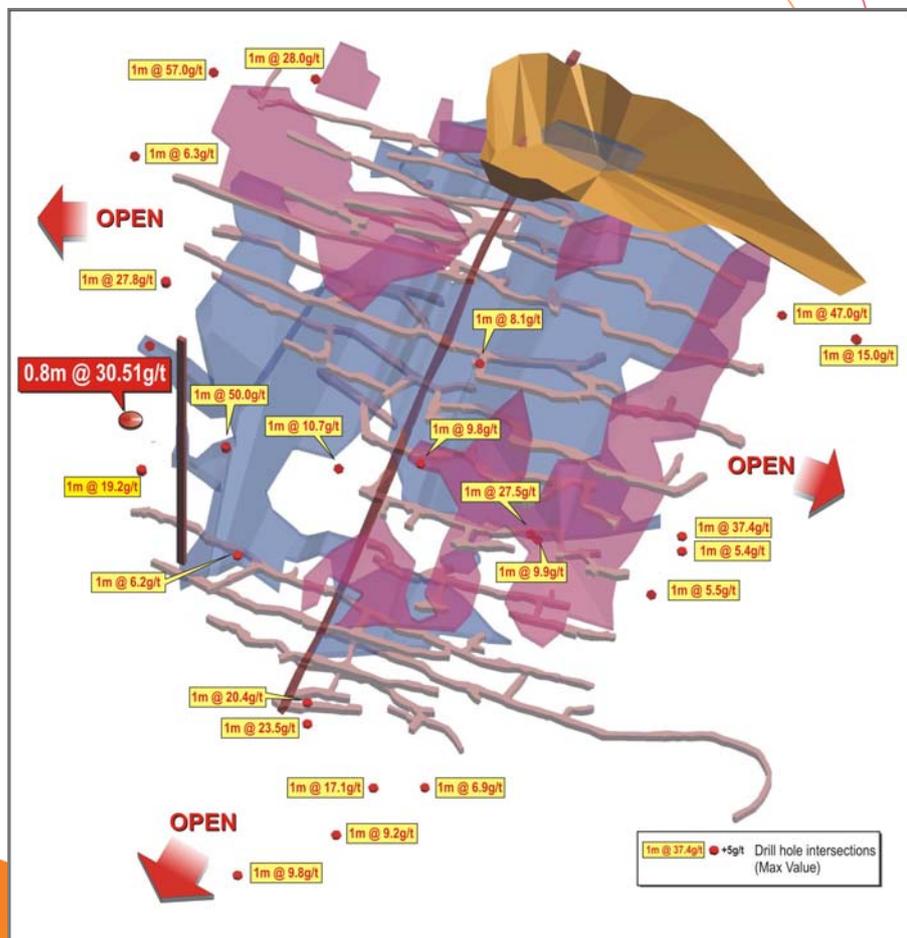
Renaissance is confident there is potential for the Radio Gold Mine to host a high-grade mineable orebody, and it is the Company's intention to dewater and refurbish the underground workings and then to mine a bulk sample to demonstrate the gold grade potential.

Activities during the September Quarter

Renaissance continued to progress the necessary permitting for the dewatering, mine refurbishment and bulk sampling process at the Radio Gold Mine. Flora and fauna, waste characterisation and geotechnical studies were undertaken during the September Quarter and are currently being collated into final permitting submissions. The geotechnical study was undertaken on the existing Radio Tailings Storage Facility to confirm that it is a suitable location for the water within the Radio Gold Mine to be pumped to. The Works Approval Application, Mining Proposal and Project Management Plan are 95% complete and are expected to be submitted to the Department of Mines & Petroleum and Department of Environment & Conservation during November 2010.

During the Quarter, three diamond core holes were drilled at the Radio Gold Mine to confirm the high grade gold mineralisation extends beyond the limits of the historical mine workings. The initial drill hole was successful in intersecting **0.8m @ 30.51g/t gold from 103.6 metres**. This hole was designed to test an area that is likely to be mined as part of the proposed bulk sampling / trial mining campaign.

Figure One: 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 September Quarter

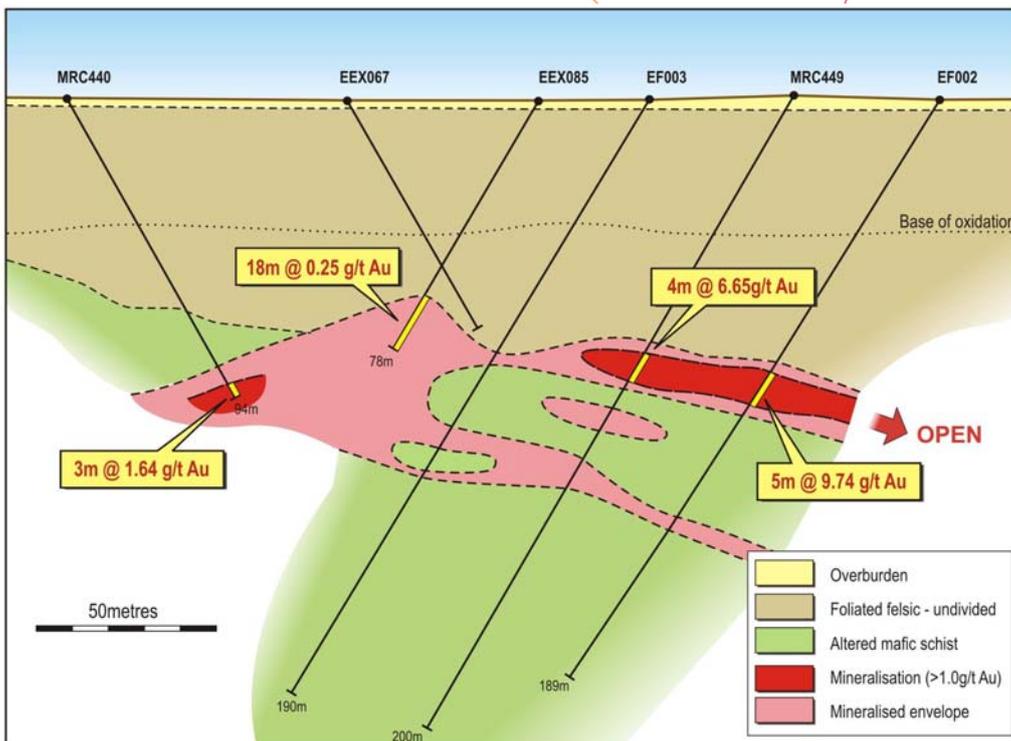
During the September Quarter two prospects within the Mt Rankin Project were targeted with RC drilling.

East Edwards Find Prospect

Historical drilling undertaken by Sons of Gwalia at the East Edwards Find Prospect had identified laterite and supergene gold mineralisation. Sons of Gwalia undertook limited follow up deeper drilling targeting primary mineralisation interpreted to be vertical dipping and trending north-south.

Drilling undertaken by Renaissance during the Quarter successfully intersected shallow dipping north-east trending high grade mineralisation in fresh rock. The **drilling intersected 5m @ 9.74g/t Au from 91 metres (including 1m @ 35.64g/t Au from 91 metres)** beneath a historical intersection of 4m @ 6.65g/t Au from 82 metres. Mineralisation is open along strike to the north-east and down dip.

Figure Two: East Edwards Find Prospect Section

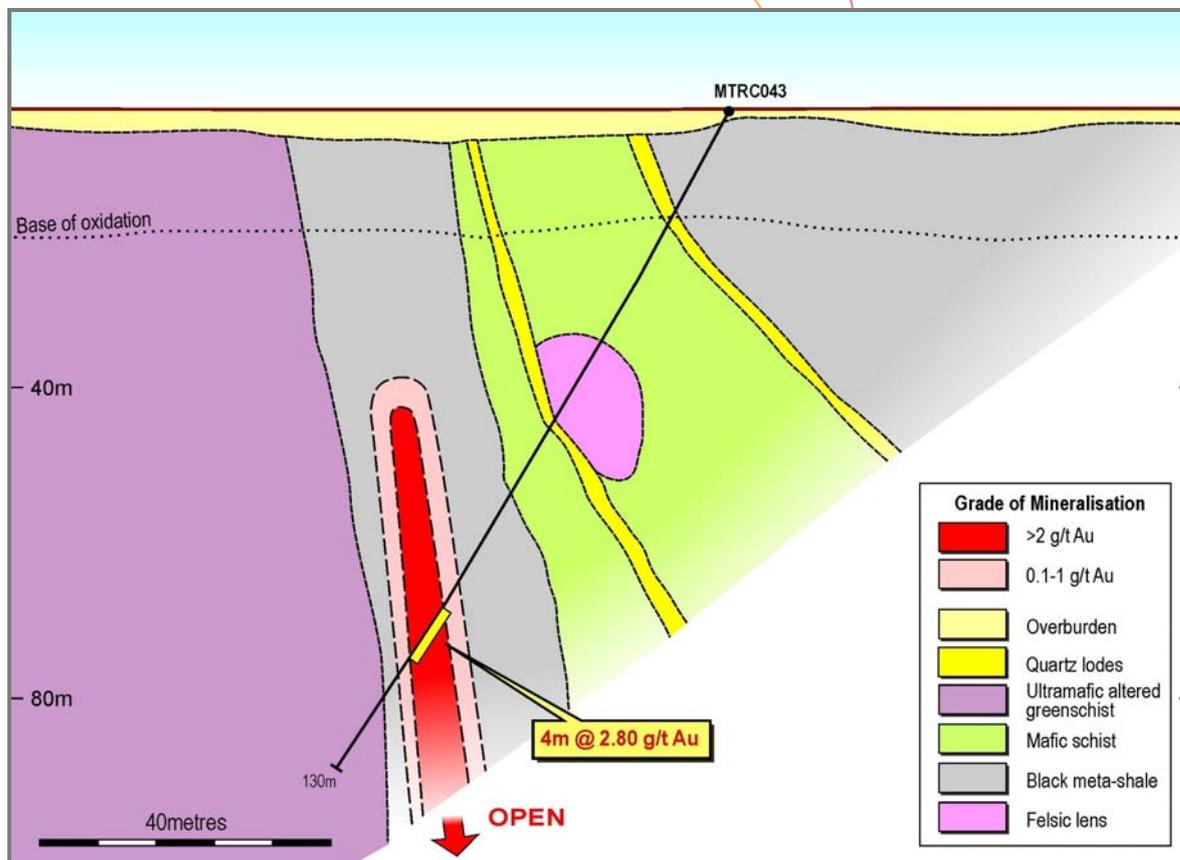
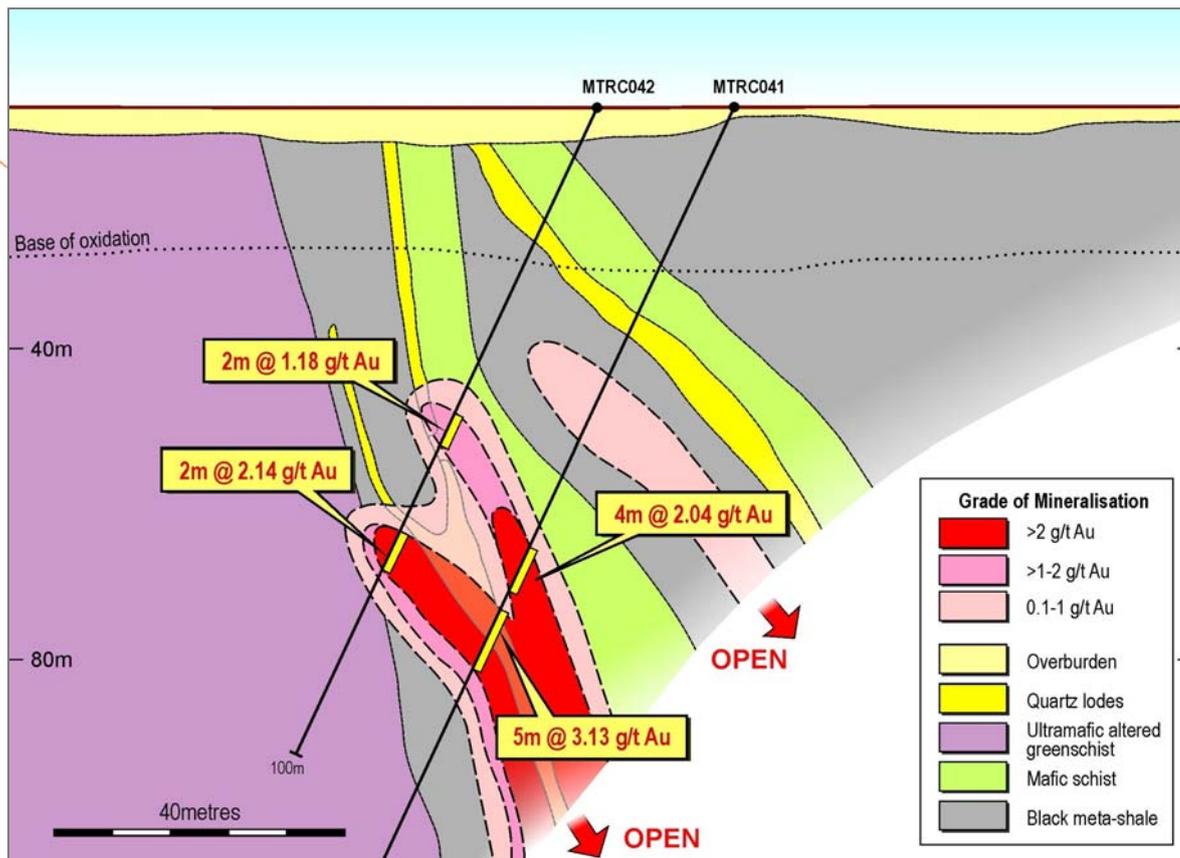


Black & White Prospect

Drilling at the Black & White Prospect was designed to follow up the discovery hole drilled by Renaissance which intersected 4m @ 2.04g/t Au from 71 metres and 5m @ 3.13g/t Au from 79 metres. The **follow up drilling intersected 2m @ 2.14g/t Au from 71 metres and 4m @ 2.80g/t Au from 88 metres.**

The intersections are in the hanging wall of the regionally significant north-south striking Greenmount Fault which is associated with a number of the Southern Cross gold deposits. The Transvaal, New Zealand Gully, Golden Pig gold mines (collectively +1 million ounce gold endowment) to the north are all along strike from the Black & White Prospect and also associated with the Greenmount Fault.

Figure Three & Four: Black and White Prospect Section



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.

Activities during the September Quarter

A majority of the Eastern Goldfields Project area that was subject to tenement applications was granted to Renaissance during the September Quarter. The Company continued geological interpretation of the available historical data on this extensive tenement package in order to plan drilling programs.

The Eastern Goldfields Project was enhanced during the Quarter with the acquisition of Newmont's interest in the highly prospective Pinjin Gold Project covering some 277km². The tenement package covers the Pinjin and Rebecca Palaeochannel systems that are host to numerous placer gold intersections up to 30g/t Au. During the mid to late 1980's BHP undertook exploration targeting placer style gold deposits within the Pinjin and Rebecca Palaeochannel systems.

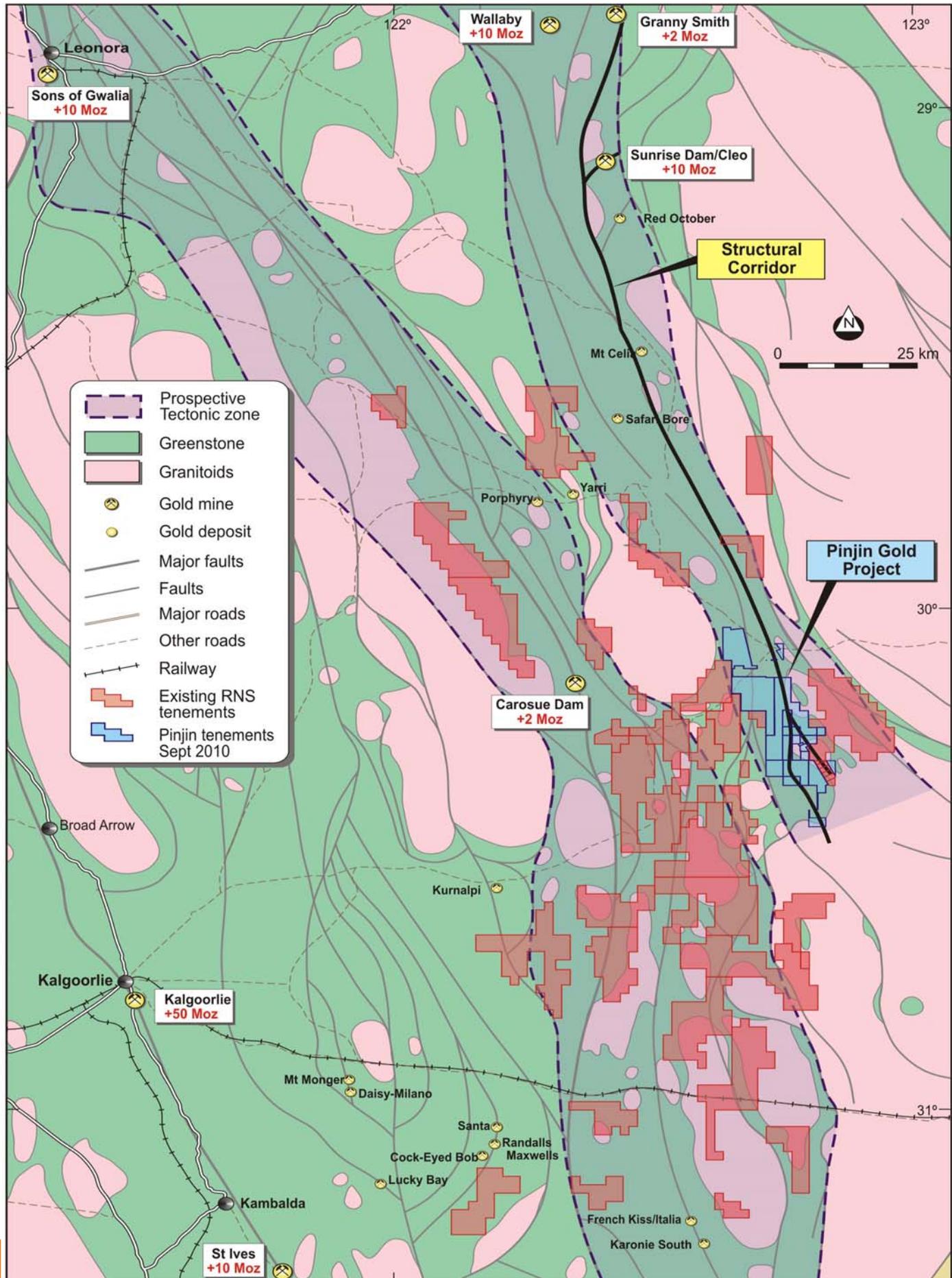
In 2005 Newmont acquired its interest in the Pinjin Gold Project with an objective of discovering the primary source of the palaeochannel gold. Newmont commenced initial RAB and aircore drilling in 2007 which resulted in the discovery of mineralisation at "Target 12" and drill intersections including 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 and demands immediate follow up drilling. 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.

This project has substantial discovery potential and compliments Renaissance's existing extensive Eastern Goldfields tenement package. Renaissance is currently planning its initial drilling program at Pinjin to follow up Newmont's success. **This drilling is expected to commence in the December Quarter.**



Figure Five: Eastern Goldfields Project - Tenement Map



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 September Quarter

During the Quarter, Renaissance commissioned a detailed aeromagnetic survey to be undertaken over the project area which will be completed once weather conditions permit.

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.

Table One: Diamond Drill Hole Summary - Radio Gold Mine

Hole Name	Easting	Northing	Azi	Dip	From (m)	To (m)	Interval (m)	Gold (g/t)
RDDD99	699117	6577947	300	60	103.6	104.4	0.8	30.51
RDRCD100	699246	6579003	300	60	156.2	156.7	0.5	1.03
RDRCD101	699353	6577946	300	60	Hole terminated			

- Notes:
1. Assaying conducted by Genalysis Laboratory Services using industry standard 50g lead collection fire assay with AAS finish.
 2. Reference standards, duplicates and blank samples are routinely inserted; quality control samples are routinely monitored.

Table Two: Reverse Circulation Drill Hole Summary - Mt Rankin Project

Prospect	Hole Name	Easting	Northing	Azi	Dip	From (m)	To (m)	Interval (m)	Gold (g/t)					
Black & White	MTRC042	721931	6526100	270	60	50	52	2	1.18					
						71	73	2	2.14					
East Edward's Find	MTRC043	721950	6526069	270	60	88	92	4	2.80					
	EF001	726466	6505139	250	60				NSR					
						EF002	726466	6505009	250	60	91	96	5	9.74
											104	106	2	1.25
							141	143	2	1.25				
	EF003	726443	6505131	250	60				NSR					

- Notes:
1. Samples are 1 metres
 2. Assaying conducted by Genalysis Laboratory Services using industry standard 50g lead collection fire assay with AAS finish.
 3. Reference standards, duplicates and blank samples are routinely inserted; quality control samples are routinely monitored.
 4. NSR - No significant result (<1g/t)