



ASX Announcement & Media Release

Wednesday, 19 September 2012

Fast Facts

ASX Code: RNS
Shares on issue: 157.6 million
Market Cap: ~\$30 million
Cash: \$4.4 million (30 June 2012)

Board & Management

Rick Hart, Non-Executive Chairman
Justin Tremain, Managing Director
Mel Ashton, Non-Executive Director
Brett Dunnachie, Company Secretary
Shane Hibbird, Exploration Manager
Hamish Halliday, Consultant

Shareholders

OZ Minerals Ltd
Gryphon Minerals Ltd
Management
Aust. & Overseas Institutional Investors
Top 5 +50%

Company Highlights

- Targeting multi-million ounce gold systems
- Aggressive exploration
- Exceptional shareholder base
- Proven management

Cambodian Gold Project

- A new Intrusive Related Gold province in Cambodia
- Indicated and Inferred Resource estimate of 12.6Mt @ 1.8g/t Au for 729,000 ounces at Okvau deposit
- Resource open in all directions
- Multiple high priority, untested targets

Eastern Goldfields Project, WA

- Extensive +2,700km² holding strategically positioned on the Keith-Kilkenny Tectonic Zone and Laverton Tectonic Zone

Quicksilver Project, Alaska

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

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Okvau Drill Results Continue to Impress; 112m @ 2.0g/t gold

- Drilling continues to intersect numerous zones of high grade gold mineralisation at the Okvau Gold Deposit
- Drill hole DD12OKV108 includes a broad intersection of 112m @ 2.0 g/t gold (includes internal dilution of up to 10 metres at <0.1g/t gold)
- Significant intersections include (maximum internal dilution of up to 5 metres at <0.5g/t gold, refer Table One):

DD120KV108: 14m @ 15.0g/t gold
(including 1m @ 198.0g/t)
10m @ 9.7g/t gold
6m @ 4.9g/t gold
1m @ 59.2g/t gold
2m @ 16.8g/t gold
34m @ 2.1g/t gold

DD120KV109: 20m @ 1.9g/t gold

- >600 gram metre gold from combined intersections (0.5g/t cut off) in drill hole DD12OKV108
- Intersections are close to true width and represent 'up dip' extensions to existing zones of gold mineralisation and also newly identified zones of deeper mineralisation
- Results continue to demonstrate the potential for broad high grade gold mineralisation at depth
- Further drilling results expected shortly

Renaissance Minerals Limited (ASX code: RNS) is pleased to announce further drill results from the ongoing diamond drilling program at the highly prospective Okvau Gold Deposit in Cambodia. The current drilling program is focused on step out drilling targeting additional gold mineralisation to increase the existing Okvau gold resource estimate. An independent JORC-compliant indicated and inferred resource estimate has already been defined at the Okvau Gold Deposit of **12.6Mt @ 1.8g/t for 729,000 ounces** (refer Table Two).

Renaissance Minerals Managing Director, Justin Tremain said:

"The amount of gold that is being seen in the drill holes to the south and the tenor of the mineralisation is extremely pleasing. The existing resource estimate at Okvau already contains over 2,500 ounces of gold per vertical metre from surface to 250 metres. Drilling is confirming that this high level of gold endowment is continuing at depth and there remains significant expansion potential to the south-east. The deposit is also open to the north."

Diamond drill hole DD12OKV108 was drilled to target up dip extensions of veins included in the current resource estimate and to test for new zones of mineralisation below the current resource envelope.

Diamond drill hole DD12OKV109 was drilled as a step out hole to the south of the existing resource and was designed to test the southern extent of the diorite intrusion that hosts the Okvau gold mineralisation.

All intersections are interpreted to be close to true width.

Drilling to the south-east of the existing resource has intersected some the best mineralisation seen at the Okvau Gold Deposit to date, in terms of both grade and widths. Whilst some of these intersections are at depth and beneath the current resource envelope, the intersections are of ore grade.

Significant intercepts (+10 gram metre) from DD12OKV108 and DD12OKV109 include (refer Table One for complete results):

- **DD12OKV108:**

14m @ 15.03g/t gold from 26m
including **1m @ 198.00g/t gold from 27m**
8m @ 2.46g/t gold from 100m
6m @ 4.86g/t gold from 170m
6m @ 3.93g/t gold from 193m
1m @ 59.20g/t gold from 268m
2m @ 16.81g/t gold from 282m
2m @ 8.08g/t gold from 315m
34m @ 2.11g/t gold from 329m
3m @ 5.20g/t gold from 385m
10m @ 9.67g/t gold from 411m
- **DD12OKV109:**

2m @ 6.30g/t gold from 32m
20m @ 1.92g/t gold from 83m

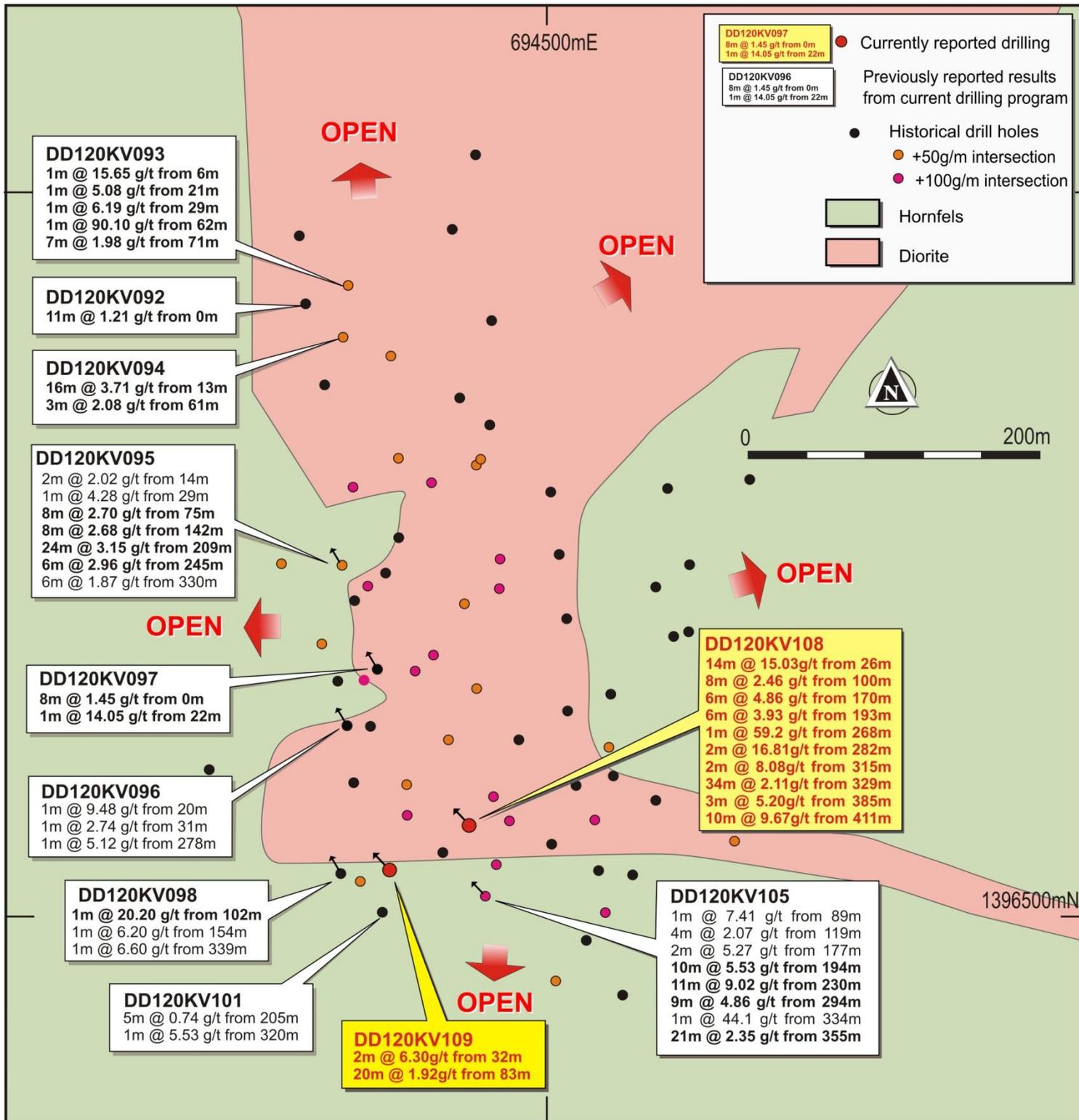
The Company believes the drill results released to date confirms the potential of the Cambodia Gold Project to host world class mineralisation. In particular, step out drilling undertaken to the south-east of the Okvau Gold Deposit has confirmed this already large gold system, remains completely open at depth. The geology and geochemistry is analogous to the world class Intrusive Related Gold systems located in Alaska (Donlin Creek 38Moz, Pogo 6Moz, Fort Knox 10Moz, Livengood 20Moz).

Approximately 90% of current defined resource estimate at the Okvau Gold Deposit of **12.6Mt @ 1.8g/t for 729,000 ounces is contained in the top 250 vertical metres** at over **2,500 ounces of gold per vertical metre**.

With the onset of the wet season, the Company is undertaking a comprehensive surface geochemistry program (stream sediment sampling and soil sampling) to prepare for an **aggressive drilling program testing satellite targets during the dry season** to unlock the value of the Cambodian Gold Project across the 1,100 square kilometre land holding.

Further results from drilling on the Okvau Gold Deposit will be made available at the earliest opportunity.

Figure One | Okvau Gold Deposit Drill Hole Collar Location



Cambodian Gold Project

The Cambodian Gold Projects cover an extensive area of approximately **1,100 square kilometres** within the core of a prospective new Intrusive Related Gold (“IRG”) province in the eastern region of the country. A JORC Indicated and Inferred Resource estimate of **12.6Mt @ 1.8g/t for 729,000 ounces of gold** has recently been defined at the **100% owned Okvau Gold Deposit**. The Okvau Gold Deposit is located in the Mondulkiri Province approximately 265 kilometres north-east of the capital Phnom Penh. The topography is undulating with low relief 80 to 200 metres above sea level. The area is sparsely populated with some artisanal mining activity. Existing dirt roads and tracks provide for sufficient access for the exploration activities.

The current Okvau resource has a strike extent of 400 metres and **remains open in all directions**. There is significant potential to define additional ounces. The current resource estimate is underpinned by +22,000 metres of diamond drill core.

The Okvau Gold Deposit and other gold occurrences within the exploration licences are directly associated with diorite intrusions and are classed as an **Intrusive Related Gold** deposits. Exploration to date has demonstrated the potential for large scale gold deposits with the geology and geochemistry analogous to other world class Intrusive Related Gold districts, in particular the Tintina Gold Belt in Alaska.

There are a **number of high magnitude exploration prospects based upon anomalous geochemistry, geology and geophysics which remain untested with drilling**. These targets are all located within close proximity to the Okvau Gold Deposit. Renaissance is planning an aggressive exploration program over the next 12 months to test the expansion potential of the Okvau Gold Deposit and test a number of these additional prospects.

Figure Three | Cambodia Project Location



About Cambodia

Cambodia is a constitutional monarchy with a constitution providing for a multi-party democracy. The population of Cambodia is approximately 14 million. The Royal Government of Cambodia, formed on the basis of elections internationally recognised as free and fair, was established in 1993. Cambodia has a relatively open trading regime and joined the World Trade Organisation in 2004. The government’s adherence to the global market, freedom from exchange controls and unrestricted capital movement makes Cambodia one of the most business friendly countries in the region.

The Cambodian Government has implemented a strategy to create an appropriate investment environment to attract foreign companies, particularly in the mining industry. **Cambodia has a modern and transparent mining code and the government is supportive of foreign investment particularly in mining and exploration** to help realise the value of its potential mineral value.

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 consents to the 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 | Okvau Gold Deposit, Cambodia

| Hole Name | Easting | Northing | Azi | Dip | From (m) | To (m) | Interval (m) | Gold (g/t) |
|-------------------|---------|----------|-----|-----|------------|------------|--------------|--------------|
| DD12OKV108 | | | | | 0 | 6 | 6 | 1.14 |
| | | | | | 26 | 40 | 14 | 15.03 |
| <i>including</i> | | | | | 27 | 28 | 1 | 198.0 |
| | | | | | 44 | 46 | 2 | 0.79 |
| | | | | | 51 | 54 | 3 | 0.73 |
| | | | | | 58 | 59 | 1 | 2.61 |
| | | | | | 68 | 69 | 1 | 1.06 |
| | | | | | 92 | 95 | 3 | 0.89 |
| | | | | | 100 | 108 | 8 | 2.46 |
| | | | | | 147 | 152 | 5 | 0.75 |
| | | | | | 159 | 167 | 8 | 0.50 |
| | | | | | 170 | 176 | 6 | 4.86 |
| | | | | | 193 | 199 | 6 | 3.93 |
| | | | | | 268 | 269 | 1 | 59.2 |
| | | | | | 282 | 284 | 2 | 16.81 |
| | | | | | 315 | 427 | 112 | 1.96* |
| <i>including</i> | | | | | 315 | 317 | 2 | 8.08 |
| <i>including</i> | | | | | 329 | 363 | 34 | 2.11 |
| <i>including</i> | | | | | 385 | 388 | 3 | 5.20 |
| <i>including</i> | | | | | 397 | 403 | 6 | 1.61 |
| <i>including</i> | | | | | 411 | 421 | 10 | 9.67 |
| <i>including</i> | | | | | 425 | 427 | 2 | 2.38 |
| DD12OKV109 | | | | | 21 | 22 | 1 | 4.66 |
| | | | | | 32 | 34 | 2 | 6.30 |
| | | | | | 46 | 48 | 2 | 1.36 |
| | | | | | 83 | 103 | 20 | 1.92 |
| | | | | | 109 | 112 | 3 | 1.17 |
| | | | | | 148 | 150 | 2 | 1.79 |
| | | | | | 212 | 213 | 1 | 1.99 |
| | | | | | 288 | 290 | 2 | 0.76 |
| | | | | | 307 | 309 | 2 | 0.85 |
| | | | | | 382 | 383 | 1 | 1.73 |

Notes:

1. All holes drilled by diamond drill core
2. Samples are nominally 1 metre
3. Co-ordinate system is UTM Zone 48 Northern Hemisphere; Datum is Indian 1960
4. Assaying conducted by ALS Minerals using industry standard 30g lead collection fire assay with AAS finish.
5. Reference standards, field duplicates and blank samples are routinely inserted; quality control samples are routinely monitored
6. *All intersections are calculated using maximum internal dilution of 5 metres at <0.5g/t Au other than intersection 315-427 metres which includes up to 10 metres of internal dilution at <0.1g/t Au.

Table Two | Okvau Gold Deposit Resource Estimate

| Resource Classification (JORC Code, 2004) | Tonnage (Mt) | Grade Au (g/t) | Contained Gold (koz) |
|---|--------------|----------------|----------------------|
| Indicated | 7.8 | 2.03 | 508 |
| Inferred | 4.8 | 1.44 | 221 |
| Total | 12.6 | 1.80 | 729 |

Notes: 0.5g/t Au Lower Cut