



# ASX Announcement & Media Release

Monday, 29 October 2012

## Fast Facts

ASX Code: RNS  
Shares on issue: 197 million  
Market Cap: ~\$37 million

## 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 +2,700km<sup>2</sup> 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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## Multiple High Grade Drill Results Including: 7m @ 9.6g/t gold & 14m @ 3.1g/t gold Okvau Gold Deposit, Cambodia

- **Drilling continues to intersect numerous zones of high grade gold mineralisation at the Okvau Gold Deposit**

- **Significant intersections include** (refer Table One):

**DD120KV110:** 28m @ 1.8g/t gold from 42m  
2m @ 9.8g/t gold from 81m  
14m @ 3.1g/t gold from 133m  
9m @ 3.6g/t gold from 152m  
7m @ 4.7g/t gold from 205m  
35m @ 2.4g/t gold from 256m

**DD120KV111:** 6m @ 3.5g/t gold from 108m  
5m @ 4.8g/t gold from 122m  
7m @ 9.6g/t gold from 265m

- **Results are from up dip extensions to existing resources, new zones of mineralisation and limited confirmatory infill**
- **Drilling results to date demonstrate the potential for an expansion to the existing resource estimate for the Okvau Gold Deposit**
- **An aggressive drilling campaign expected to commence mid-late November upon commencement of dry season**

**Renaissance Minerals Limited** (ASX code: RNS) is pleased to announce further drill results from the diamond drilling program at the highly prospective Okvau Gold Deposit in Cambodia. The drilling program was primarily 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:

*"Results from our first major drilling program at Okvau have supported our expectation that the Okvau deposit could grow considerably beyond the current resource estimate.*

*We are now coming up to the dry season in Cambodia which will provide Renaissance with its first opportunity to drill high priority prospects supported by promising soil geochemistry, all within close proximity to the Okvau deposit. The recent equity raising allows the company to pursue these targets with aggressive drilling."*

Drill hole DD12OKV110 was drilled as an 'in-fill' hole to confirm the existing resource interpretation and to provide samples for future metallurgical test work. Mineralisation was intersected as predicted by the existing resource interpretation.

Drill hole DD12OKV111 was a re-drill of one of the earlier holes (DD12OKV097) which was terminated early at 35 metres due to drilling difficulties. This hole was designed to test for 'up-dip' extensions to zones of mineralisation contained in the current resource estimate. Multiple zones of high grade mineralisation were interpreted (refer Figure Two: DD12OKV111 Cross Section).

The final hole of the drill program, DD12OKV112 was drilled to the south of the resource envelope and behind an earlier hole drilled by Renaissance which intersected new zones of moderate grade mineralisation. This hole successfully extended the new zone of mineralisation down dip.

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

- **DD12OKV110:**                               **28m @ 1.75g/t gold from 42m**  
*including*                                    **1m @ 25.80g/t gold from 69m**  
                                                       **2m @ 9.81g/t gold from 81m**  
                                                       **1m @ 20.40g/t gold from 118m**  
                                                       **14m @ 3.11g/t gold from 133m**  
                                                       **9m @ 3.61g/t gold from 152m**  
                                                       **7m @ 4.65g/t gold from 205m**  
*including*                                    **1m @ 27.20g/t gold from 205m**  
                                                       **1m @ 26.60g/t gold from 232m**  
                                                       **35m @ 2.40g/t gold from 256m**  
*including*                                    **1m @ 51.40g/t gold from 256m**
- **DD12OKV111:**                               **6m @ 3.50g/t gold from 108m**  
                                                       **5m @ 4.83g/t gold from 122m**  
                                                       **7m @ 9.59g/t gold from 265m**  
*including*                                    **3m @ 21.01g/t gold from 267m**
- **DD12OKV112:**                               **9m @ 1.20g/t gold from 121m**  
                                                       **1m @ 13.10g/t gold from 162m**

**All intersections are interpreted to be close to true width.**

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**.

Over the past couple of months, the Company has been undertaking a **major regional soil geochemical program** targeting large portions of the project area in the near vicinity of the Okvau Gold Deposit that have been previously unexplored. To date **less than 15% of the Okvau license has been subject to soil sampling and there has been no soil sampling undertaken on the Company's adjoining O'Chhung license**. The two exploration licences combined cover an area of approximately 400km<sup>2</sup> of which only approximately 30km<sup>2</sup> has been subject to soil geochemistry to date. There are numerous stream catchment areas that are anomalous in gold that are yet to be followed up. The Company's current planned soil sampling program will cover a further 60km<sup>2</sup> of anomalous catchment areas that has not been subject to previous soil sampling. Areas of anomalism will be prioritized for further 'infill' soil sampling and/or drill testing. The Company will provide an update on this soil sampling program in due course.

The coming dry season will provide the Company with its first opportunity to unlock the value of the Cambodian Project by targeting a number of satellite targets within close proximity (<20km<sup>2</sup>) of the Okvau Gold Deposit. An aggressive regional drilling program is planned to commence mid-late November 2012.

Figure One | Okvau Gold Deposit Drill Hole Collar Location

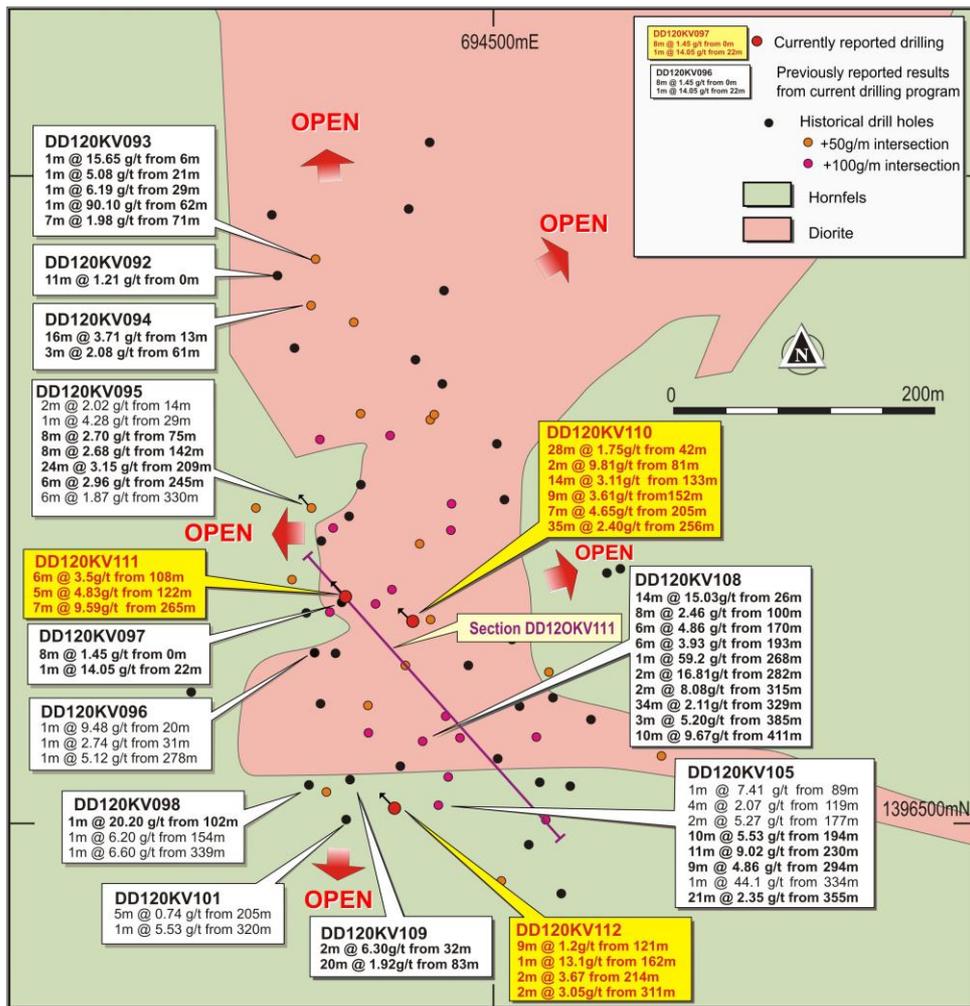
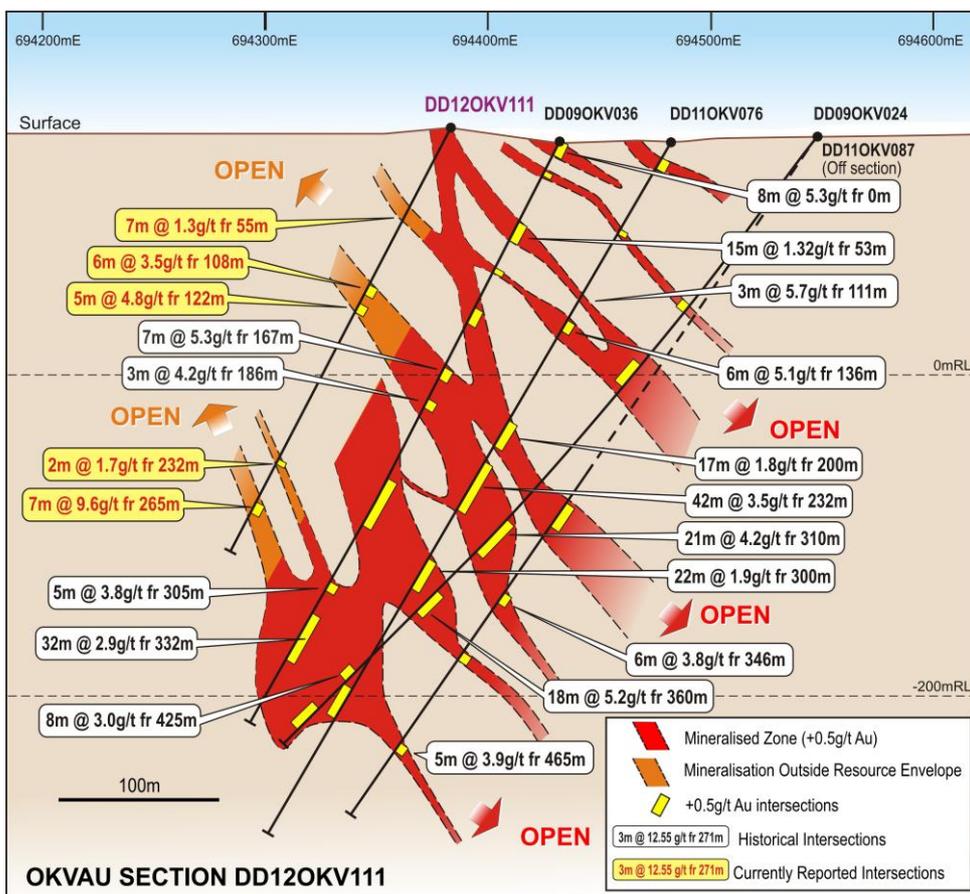


Figure Two | DD120KV111 Cross Section



## 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](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 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)	
<b>DD12OKV110</b>	694022	1396976	315	-50	0	3	3	1.12	
					25	26	1	1.79	
					<b>42</b>	<b>70</b>	<b>28</b>	<b>1.75</b>	
					<i>including</i>	<b>69</b>	<b>70</b>	<b>1</b>	<b>25.80</b>
					<b>81</b>	<b>83</b>	<b>2</b>	<b>9.81</b>	
					<b>118</b>	<b>119</b>	<b>1</b>	<b>20.40</b>	
					123	125	2	1.49	
					<b>133</b>	<b>147</b>	<b>14</b>	<b>3.11</b>	
					<b>152</b>	<b>161</b>	<b>9</b>	<b>3.61</b>	
					<b>205</b>	<b>212</b>	<b>7</b>	<b>4.65</b>	
					<i>including</i>	<b>205</b>	<b>206</b>	<b>1</b>	<b>27.20</b>
					221	222	1	5.49	
					<b>232</b>	<b>233</b>	<b>1</b>	<b>26.60</b>	
					<i>including</i>	<b>256</b>	<b>291</b>	<b>35</b>	<b>2.40</b>
<b>256</b>	<b>257</b>	<b>1</b>	<b>51.40</b>						
306	307	1	1.16						
<b>DD12OKV111</b>	693964	1396986	315	-62	18	19	1	2.23	
					32	33	1	1.33	
					39	40	1	1.11	
					55	62	7	1.25	
					<b>108</b>	<b>114</b>	<b>6</b>	<b>3.50</b>	
					<b>122</b>	<b>127</b>	<b>5</b>	<b>4.83</b>	
					232	234	2	1.70	
					256	260	4	1.30	
					<b>265</b>	<b>272</b>	<b>7</b>	<b>9.59</b>	
					<i>including</i>	<b>267</b>	<b>270</b>	<b>3</b>	<b>21.01</b>
<b>DD12OKV112</b>	694012	1396827	315	-65	<b>121</b>	<b>130</b>	<b>9</b>	<b>1.20</b>	
					141	144	3	0.87	
					151	155	4	0.89	
					<b>162</b>	<b>163</b>	<b>1</b>	<b>13.10</b>	
					206	207	1	3.16	
					214	216	2	3.68	
					312	313	1	5.36	

- 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

**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
<b>Total</b>	<b>12.6</b>	<b>1.80</b>	<b>729</b>

Notes: 0.5g/t Au Lower Cut