



**QUARTERLY ACTIVITIES REPORT
FOR THE PERIOD ENDED 31 DECEMBER 2015**
ASX CODE: RNI

HIGHLIGHTS

- **Systematic 24,000m drilling and exploration program commenced on key Bryah Basin copper-gold targets following sale of gold assets, repayment of Taurus debt and completion of entitlements issue**
- **Initial drilling phase successfully defines stratigraphic and alteration characteristics typical of volcanic hosted massive sulphide (VHMS) deposits similar to DeGrussa**
- **First assay results expected in January 2016**
- **Assay results and geological analysis will define priority areas to be tested with targeted drilling programs and geophysical surveys, commencing late in the March 2016 Quarter**
- **Aircore drilling to continue in January 2016 with planned 205-hole program at the Forrest and Morck's Well projects**

RNI NL (ASX: RNI) emerged as a dedicated and well-funded copper-gold explorer with a highly-prospective 1,258km² holding in Western Australia's Bryah Basin in the December 2015 Quarter.

RNI was able to focus on its Bryah Basin exploration portfolio following the sale of its gold assets and the completion of an entitlements issue, which enabled the Company to repay its corporate debt and fund its drilling and exploration programs.

RNI's Bryah Basin exploration portfolio is divided into five well-defined project areas – Doolgunna, Morck's Well, Forrest, Cashmans and Horseshoe Well. All are considered highly prospective for volcanic hosted massive sulphide (VHMS) copper-gold discoveries.

EXPLORATION

In November 2015, RNI commenced a 24,000 metre drilling and exploration program following a systematic review and ranking of priority VHMS targets across the Company's five project areas.

As announced to the ASX on 23 December 2015, RNI completed the first phase of this drilling and exploration program, which involved reverse circulation (RC) and aircore drilling at the Cuba, Jerry's, Marty's Patch and Maguire targets at Doolgunna (Figures 1 and 2), and at the Citra, EM2 and Limestone targets at Morck's Well (Figure 1).

The drilling at Cuba, Jerry's and Citra intersected significant target horizons with exhalative units, alteration, mafic volcanics and interspersed sedimentary packages, which are all consistent with VHMS deposits both globally and within the Bryah Basin, particularly the DeGrussa deposit.

RNI's Doolgunna Project is located approximately 2.5km from DeGrussa (Sandfire Resources) and within 5km along strike from the high-grade Monty copper-gold discovery (Sandfire/Talisman) (Figure 2). The northern boundary of Morck's Well is contiguous with Sandfire's Doolgunna property, which hosts DeGrussa.

Initial assay results from this first drilling phase are anticipated in mid-January 2016. Follow-up down-hole electromagnetic (DHEM) surveys are planned for the Marty's Patch and EM2 prospects (Figure 1) in January 2016.

The assay results, along with the geological analysis and DHEM survey data, will be used to plan targeted follow-up drilling programs scheduled to commence in the March 2016 quarter.



RNI commenced its 24,000m drilling and exploration program in November 2015

In addition, the next phase of aircore drilling will commence in January 2016 with a total of 205 holes planned at targets within the Forrest and Morck’s Well projects. These holes will be drilled at Tempest EM1, Tempest EM2, the Forrest-Wodger trend and Big Red (Figure 1).

This aircore drilling program is designed to penetrate the transported cover and provide a platform for follow-up drilling and exploration.

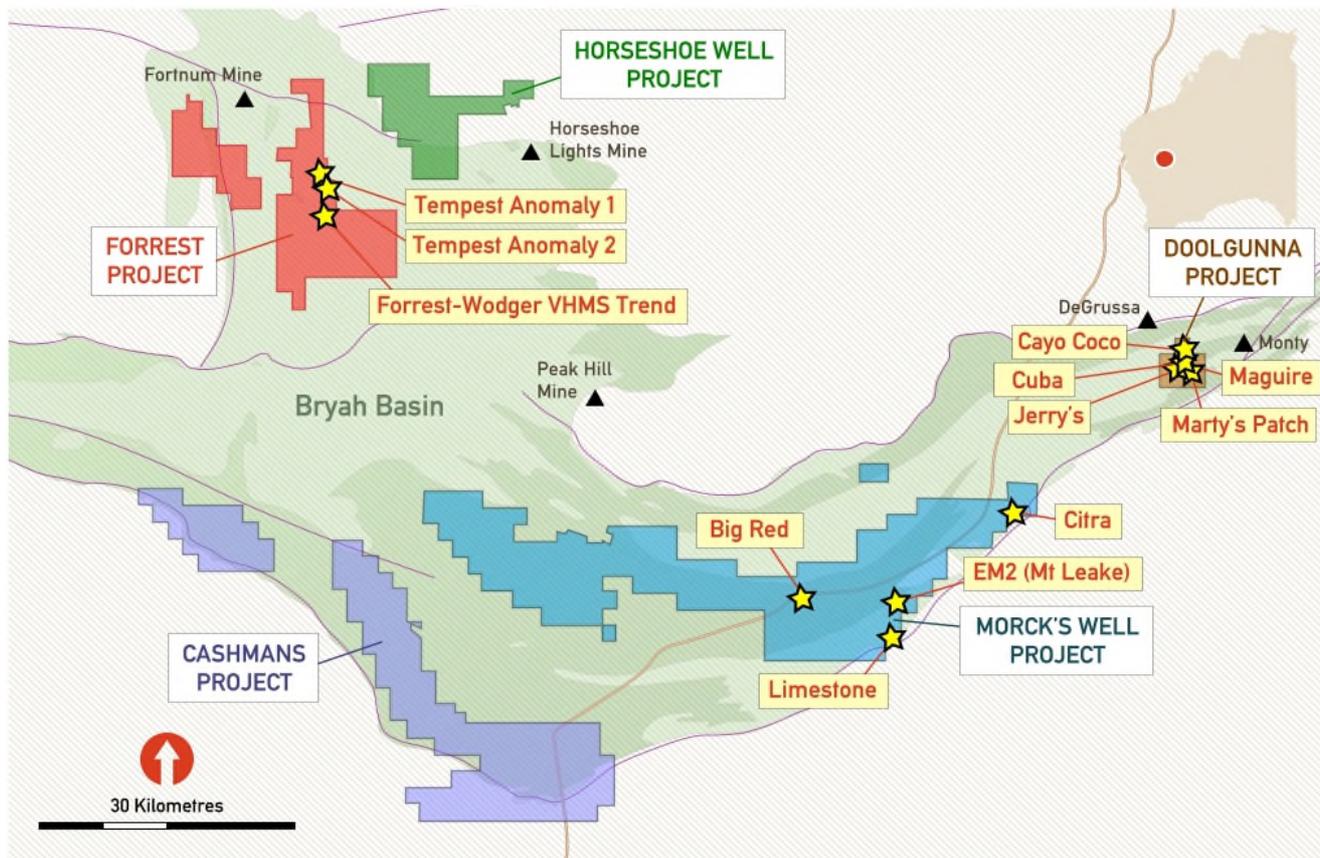


Figure 1: RNI's Bryah Basin copper-gold portfolio showing locations of priority prospects being targeted in the current drilling and exploration program at the Doolgunna, Morck's Well and Forrest Projects

The completed first phase of RC and aircore drilling (as detailed in the ASX announcement of 23 December 2015) is summarised below.

DOOLGUNNA PROJECT

Cuba Prospect

The aircore drilling program at Cuba was designed to define the horizon that hosts an off-hole conductor identified in DDH1-9 (see ASX announcement of 6 October 2015). The program involved the drilling of 128 holes for a total of 7,563m.

Drill logs indicate the drilling encountered dominantly clastic sediments (turbidites and shales), which are common VHMS hosts, with several horizons showing evidence of exhalative units and alteration, specifically jasperoid cherts, magnesian talc, chlorite, albite and hematite alteration. This is very similar stratigraphy and alteration to the DeGrussa copper-gold deposit, located approximately 3.5km north-west of Cuba (Figures 1 and 2).

The geology encountered in this program is very encouraging and demonstrates a compelling reason to follow up the success of the aircore program with further drilling and geophysical work. Detailed analysis of the drill logs and pending assay results will be used to design the next stage of exploration and drilling at Cuba.

Jerry's Prospect

The aircore program at Jerry's has been completed with the drilling of 58 holes for 2,188m. A number of mafic and sediment horizons were encountered, which are indicative of the targeted host horizons and included evidence of exhalative (VHMS forming) units and alteration, specifically jasperoid cherts and chlorite, albite and hematite alteration.

This is considered very promising as it continues to demonstrate that the Central Corridor of the Doolgunna Project (Figure 2) has similar stratigraphy and alteration to the DeGrussa deposit and has potential to host VHMS-style mineralisation.

This aircore program has also demonstrated that the potential VHMS horizons extend beyond the cleared access area and that further work is warranted to define the extent of the target horizons. The logging and pending assay results will be analysed in January 2016 and used to design the next stage of exploration and drilling, which will occur after the necessary clearing permits are obtained for an extended area of exploration.

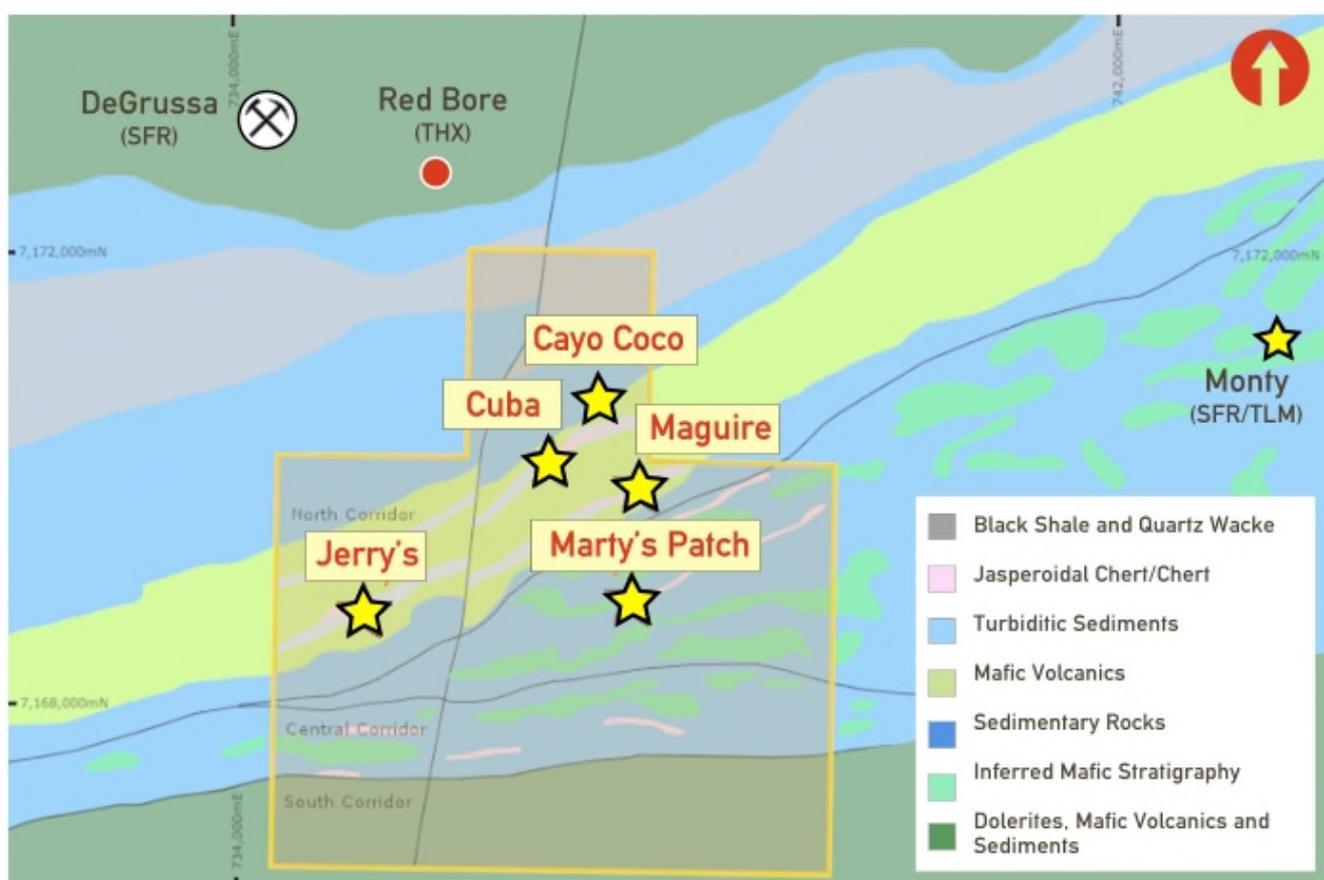


Figure 2: RNI's Doolgunna Project and proximity to DeGrussa and Monty

Marty's Patch Prospect

A single 250m RC hole was drilled at Marty's Patch to test for the source of a significant geochemical anomaly. The hole initially intersected dominantly shales with quartz veining and some jasperoid cherts before going into a turbidite sequence of alternating shales and coarse clastic units. Below the coarse clastic units the hole intersected a thick coarse green sandstone unit and then more shales. The geology logged included some alteration and jasperoid cherts suggesting potential exposure to hydrothermal fluids. The hole was set up for a DHEM survey in early 2016 and this data combined with assay results will assist in prioritising the prospectivity of the area and whether follow up test work is required.

Maguire Prospect

Two 120m RC holes were drilled at Maguire to define the source of a gravity anomaly and a broad surface copper-gold geochemical anomaly. The gravity anomaly was confirmed to be a volcanic vent breccia. The implications of the vent breccia need to be reviewed as these volcanic vents are a main source for hydrothermal flow and there is potential for the existence of associated mineralisation on the flanks of the vent. Pending assays, this prospect will be reviewed and re-evaluated before the next stage of exploration is planned.

MORCK'S WELL PROJECT*Citra Prospect*

The RC program at Citra involved eight holes for 678m. A number of mafic/volcanic horizons and interbedded sediments were encountered. These are indicative of the targeted host horizons and included chlorite and sulphide alteration providing support for hydrothermal fluids having been present in the area. Hand held field XRF readings on drill chips returned anomalous copper values over thick intervals (including numerous spot readings above 0.1% Cu). While these values are not commercially relevant, they indicate significant Cu-enrichment within the prospect area.

Field mapping around the drilling area identified a number of jasperoidal cherts, indicative of exhalative processes (VHMS forming). A number of potential ironstones/gossans which returned field XRF values up to 0.3% Cu were also recognised.

The logging and pending assay results will be analysed in January 2016 and used to design the next stage of exploration and drilling. The geology encountered at Citra demonstrates a compelling need to follow up the initial RC drilling program with further drilling and geophysical work.

EM2 (Mt Leake) Prospect

A single 269m RC hole was drilled to test an historic EM target. The hole was completed and set up for a DHEM survey. No obvious source of the EM anomaly was found. However, the hole did require minor relocation due to operational issues and, as a result, may not have intersected the EM conductor. The DHEM survey will be conducted in early 2016.

Limestone Prospect

Three RC holes for a total of 302m were drilled to test the source of gravity/magnetic anomaly at Limestone. All holes intersected dolerite and sediments. The dolerite was confirmed as the source of the gravity anomaly. Pending assays, this prospect will be reviewed.

CORPORATE

On 10 August 2015, RNI announced it had paid a \$50,000 fee to Ascidian Prospecting Pty Ltd to extend the Company's option to acquire 100% of the Doolgunna Project until 30 June 2016.

On 10 August 2015, RNI announced it had paid \$1 million to reduce the Company's debt facility with Taurus Resources No 2 Fund. On 26 August 2015 RNI announced it had finalised the terms with Taurus for the repayment of the \$23 million balance of the debt.

On 20 October 2015, RNI announced it had settled the sale of the Company's gold assets to Metals X Limited (ASX: MLX) for a consideration of 18 million MLX shares. On 22 October 2015, RNI announced it had sold the MLX shares for gross proceeds of \$23.41 million.

On 22 October 2015, RNI announced it had raised the maximum amount of \$5.48 million, less costs, from the Company's pro-rata non-renounceable entitlements issue.

On 27 October 2015, RNI announced it has repaid the remaining \$23 million debt to Taurus.

On 2 November 2015, RNI announced the appointment of Mr Simon Heggen as a Non-Executive Director and Mr David Morgan as Chief Executive Officer; the resignation of Mr Albert Thamm as a Non-Executive Director; and the move by Executive Chairman Mr Miles Kennedy to the role of Non-Executive Chairman.

For further information, contact:

DAVID MORGAN
CHIEF EXECUTIVE OFFICER

Tel: +61-8 9489 9200

Competent Person's Statement

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Albert Thamm BSc (Hons) MSc, F.Aus.IMM (CP) who is a Corporate Member of the Australasian Institute of Mining and Metallurgy.

The information in this announcement that relates to previously released exploration on the Forrest and related prospects were first disclosed in the ASX announcement dated 21 November 2013 under the JORC Code 2004. It has not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported and is based on and fairly represents information and supporting documentation prepared and compiled by Albert Thamm BSc (Hons) MSc, who is a Corporate Member of the Australasian Institute of Mining and Metallurgy.

Mr Thamm is a consultant to RNI NL. Mr Thamm has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Thamm consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

Forward-Looking Statements

This announcement has been prepared by RNI NL. This document contains background information about RNI NL and its related entities current at the date of this announcement. This is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this presentation. This document is for information purposes only. Neither this document nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction.

This announcement may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in such jurisdiction. Recipients should inform themselves of the restrictions that apply in their own jurisdiction. A failure to do so may result in a violation of securities laws in such jurisdiction. This applies to those jurisdictions where resource reporting is not codified where reserves only are reported. Metrics reported here are not reserves until explicitly reported as JORC compliant reserves. This document does not constitute investment advice and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this representation are not intended to represent recommendations of particular investments to particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

No responsibility for any errors or omissions from this document arising out of negligence or otherwise is accepted. This document does include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of RNI NL. Actual values, results, outcomes or events may be materially different to those expressed or implied in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements. Any forward-looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under applicable law and ASX Listing Rules, RNI NL does not undertake any obligation to update or revise any information or any of the forward-looking statements in this document or any changes in events, conditions or circumstances on which any such forward-looking statement is based.

Schedule of Mining Tenements as at 31 December 2015					
Tenement Number	Registered Holder	Date Granted	Area Graticular blocks(bk) / Hectares (ha)	Area Sq km	Notes
Doolgunna Project					
E52/2438	Ascidian Prospecting Pty Ltd	11/02/2010	7bk	21.68	1,8
Morck's Well Project					
E51/1033	Grosvenor Gold Pty Ltd 40% Jackson Minerals Pty Ltd 20% PepinNini Robinson Range Pty Ltd 40%	22/09/2005	53bk	161.84	2,3,8
E51/1134	Grosvenor Gold Pty Ltd	15/11/2006	4bk	12.36	8
E52/1613	Grosvenor Gold Pty Ltd 40% Jackson Minerals Pty Ltd 20% PepinNini Robinson Range Pty Ltd 40%	29/03/2006	30bk	92.77	2,3,8
E52/1672	Grosvenor Gold Pty Ltd 40% Jackson Minerals Pty Ltd 20% PepinNini Robinson Range Pty Ltd 40%	22/09/2005	35bk	108.02	2,3,8
E52/1910	Grosvenor Gold Pty Ltd 50% PepinNini Robinson Range Pty Ltd 50%	10/08/2006	41bk	124.21	4,8
E52/1951	Grosvenor Gold Pty Ltd	26/02/2007	17bk	52.56	8
E52/2472	Peak Hill Metals Pty Ltd	19/11/2009	2bk	6.1	8
E52/3001	Grosvenor Gold Pty Ltd	09/06/2014	1bk	3.1	8
Cashmans Project					
E51/1053	Grosvenor Gold Pty Ltd	22/09/2005	35bk	105.26	8
E51/1120	Grosvenor Gold Pty Ltd	10/08/2006	40bk	122.46	8
E51/1391	Northern Star Resources Ltd	11/11/2010	35bk	108.04	5
E51/1641	Grosvenor Gold Pty Ltd	5/02/2015	20bk	61.86	8
E52/2509	Northern Star Resources Ltd	16/06/2011	6bk	18.56	5
Forrest Project					
E52/1659	Grosvenor Gold Pty Ltd 80% Jackson Minerals Pty Ltd 20%	27/01/2004	13bk	34.09	2,6,8
E52/1671	Grosvenor Gold Pty Ltd 80% Jackson Minerals Pty Ltd 20%	23/11/2004	61bk	185.26	2,6,8
P52/1493	Grosvenor Gold Pty Ltd	6/3/2015	191.66ha	1.92	7,8
Horseshoe Well Project					
E52/3166	Grosvenor Gold Pty Ltd	18/12/2014	34bk	103.92	8
Horseshoe West Project (Mineral Rights Deed)					
M52/1048	Horseshoe Manganese Pty Ltd	22/02/2011	797.00 ha	7.98	9
Notes:					
<p>Grosvenor Gold Pty Ltd (GG) is a wholly owned subsidiary of RNI NL (RNI) and Peak Hill Metals Pty Ltd (PHM) is a wholly owned subsidiary of Grosvenor Gold Pty Ltd.</p> <ol style="list-style-type: none"> RNI option to purchase. Peak Hill Sale Agreement – GG 80%, Jackson Minerals Pty Ltd (JM) 20% and free carried to a decision to mine. Jackson Iron Ore Royalty – GG to pay PepinNini Robinson Range Pty Ltd (PRR) a 0.8% gross revenue royalty from the sale or disposal of iron ore. PRR 40% registered holder interest to be transferred to GG. Robinson Range JV Agreement – GG 50%, PRR 50% iron ore with GG contributing 50%. GG 100% all other minerals. Earning 51% JV interest. Metals X Limited owns gold mineral rights over GG 80% interest. Metals X Limited owns gold mineral rights. Metals X Limited has a first right of refusal over disposal of RNI and GG interests. RNI gold mineral rights only. 					