

## BRYAH BASIN EXPLORATION UPDATE

### Highlights

- Follow-up drilling program planned at the Cuba Prospect at Doolgunna to target Volcanic Hosted Massive Sulphide (VHMS) style horizons identified in first-pass drilling
- Prospective VHMS horizon at the Forrest-Wodger Trend extended over a 1.2 km strike length with visible malachite and azurite identified in the aircore drilling
- Drilling commenced at the priority Big Red VHMS target at Morck's Well
- Drilling set to commence at the Orient Prospect at Cashmans to test electromagnetic (EM) target

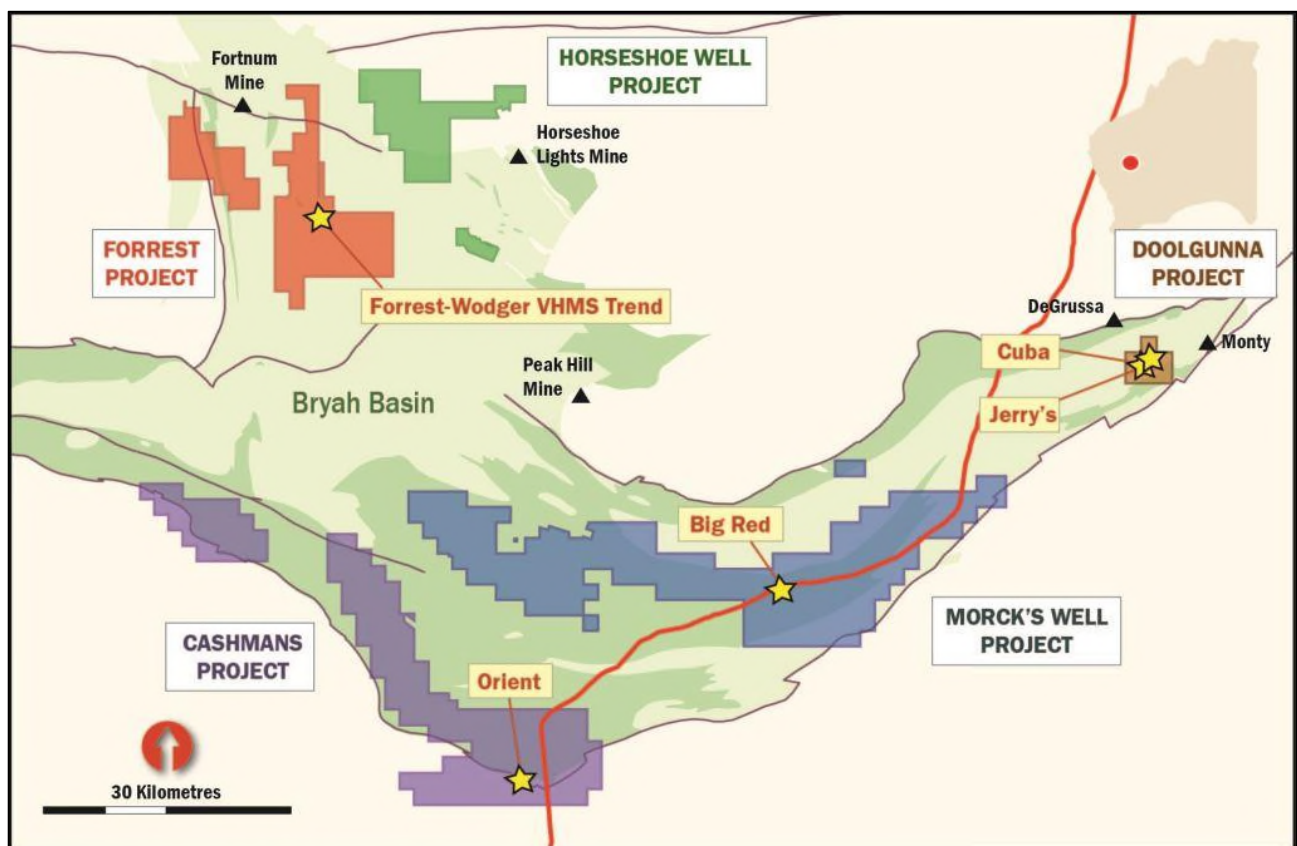


Figure 1: RNI's Bryah Basin copper-gold exploration portfolio and target areas

**RNI NL (ASX: RNI)** is pleased to provide an update on its ongoing drilling of priority copper-gold targets across the Company's Bryah Basin tenement package in Western Australia.

Assay results from the first phase of the drilling program conducted at the Doolgunna and Morck's Well projects in late 2015 have been received and independent geochemical analysis completed. These results have enhanced the prospectivity of a number of key targets.

## DOOLGUNNA PROJECT

*Cuba Prospect*

As announced to the ASX on 23 December 2015, the initial aircore drilling program at Cuba (Figure 1) encountered stratigraphy and mineral alteration similar to the DeGrussa and Monty copper-gold deposits. Cuba is located approximately 5km along strike from Monty and approximately 3.5km south-east of DeGrussa.

The geochemical review of the assays from Cuba supports the interpretation of the logging with the identification of key alteration minerals (chlorite-pyrite-sericite) as well as a lead-zinc-molybdenum (Pb-Zn-Mo), copper, arsenic, tellurium and gold (Cu, As, Te, Au) geochemical signatures (Figure 2). This further highlights the potential for Cuba to host VHMS-style mineralisation.

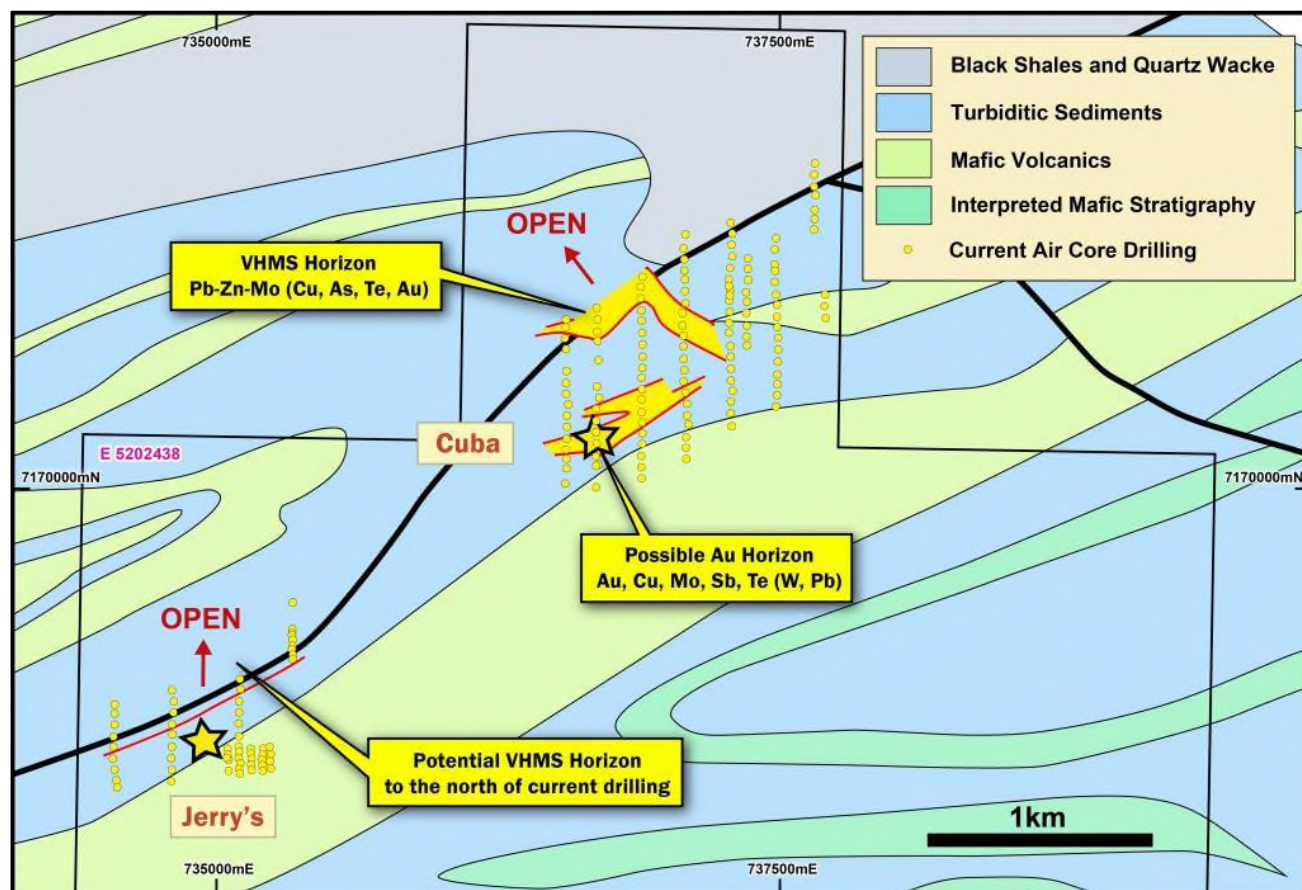


Figure 2: Doolgunna aircore drilling and geochemical anomalies at Cuba and Jerry's

This horizon remains open to the north and west. A follow-up aircore program is planned to further constrain the prospective area in anticipation of targeted deeper drilling.

The geochemical analysis identified the intersections and assays from 11 aircore holes as being indicative of a proximal VHMS source. Highlights from this drilling include:

- DGAC0059
  - 20m @ 89 ppm Pb from 16m
  - 48m @ 48 ppm As from 16m
- DGAC0074
  - 28m @ 123 ppm Pb from 36m
  - 28m @ 1000 ppb Mo from 36m
  - 52m @ 18 ppm As from 8m
- DGAC0075
  - 40m @ 950 ppb Mo from 32m
  - 28m @ 41 ppm As from 44m to EOH

- DGAC0092
  - 36m @ 320 ppb Te from 40m
  - 32m @ 345 ppm Zn from 20m
  - 20m @ 54 ppm Pb from surface
  - 8m @ 10 ppb Au from 40m
  - 24m @ 1170 ppb Mo from surface
- DGAC0118
  - 8m @ 349 ppm Zn from 40m
  - 4m @ 322 ppm Cu from 72m
  - 24m @ 530 ppb Te from 8m

Note: All widths are downhole.

A full table of results from 11 of the aircore holes used to identify this VHMS horizon can be found in Appendix 1.

The geochemical review also highlighted a gold, copper, molybdenum, antimony, tellurium, tungsten and lead (Au, Cu, Mo, Sb, Te, W, Pb) signature (Figure 2) which may represent a stratigraphically controlled lode gold system near the contact of the sediments with mafic rocks. This anomaly requires further review and follow up work.

A full table of results from 12 of the aircore holes which targeted this stratigraphic gold horizon can be found in Appendix 2. Highlights from this drilling include:

- DGAC0103
  - 8m @ 194 ppb Au from 28m
  - 24m @ 700 ppb Te from 12m
  - 16m @ 1130 ppb Mo from 12m
  - 4m @ 40 ppm Pb from 20m
- DGAC0102
  - 16m @ 361ppm Cu from 48m
  - 12m @ 237 ppb Au from 44m
  - 4m @ 9 ppm W from 44m
- DGAC0087
  - 4m @ 1030 ppm Cu from 60m
  - 28m @ 460 ppb Te from 44m
  - 12m @ 20 ppb Au from 48m
  - 4m @ 17ppm W from surface
- DGAC0083
  - 32m @ 400 ppb Te from 4m
  - 4m @ 614 ppb Au from 24m

Note: All widths are downhole.

### *Jerry's Prospect*

The geochemical review of assays from Jerry's (Figure 1) identified alteration minerals and trace geochemical associations indicating the potential for VHMS mineralisation along the northern extent of the drilling program, which remains open to the north (Figure 2). Further work is warranted to define the extent of the target horizons at Jerry's, which is located approximately 5km along strike from Monty.

RNI believes the results from Cuba and Jerry's further enhance the prospectivity of Doolgunna's northern corridor to host VHMS-style mineralisation, particularly as both prospects have similar stratigraphy and alteration to the DeGrussa and Monty deposits.



*Marty's Patch and Maguire Prospects*

The geochemical analysis of the assays from the reverse circulation (RC) holes at Marty's Patch and Maguire showed limited alteration and weak pathfinder element associations. RNI was unable to complete the planned down-hole EM (DHEM) survey at Marty's Patch as the hole collapsed prior to the survey. The implications of the volcanic vent breccia at Maguire (Refer to ASX announcement 23 December 2015) 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. Both of these prospects will be reviewed and re-evaluated.

**FORREST PROJECT**

*Forrest – Wodger VHMS Trend*

As announced to the ASX on 1 February 2016, drilling of the initial aircore holes along the Forrest-Wodger VHMS Trend (Figure 1) at the Forrest Project (E52/1659, E52/1671)<sup>1</sup> identified the presence of exhalative units and strongly altered minerals indicative of a proximal VHMS source. These are also two of the key proximal pathfinders for DeGrussa and Monty.

The expanded aircore program succeeded in extending the prospective horizon to the north and south, with a total strike length of approximately 1.2 km (Figure 3). Drilling also intersected visible secondary copper minerals, specifically malachite and azurite.

The horizon remains open to the north and south. RNI considers the presence of these units and minerals along this horizon to be significant, particularly as the horizon extends to the Wodger VHMS copper-gold prospect (Figure 3). Also, the southern extent of the horizon is only 1.5 km north of the re-mobilised VHMS copper-gold discovery at the Forrest prospect (Figure 3).

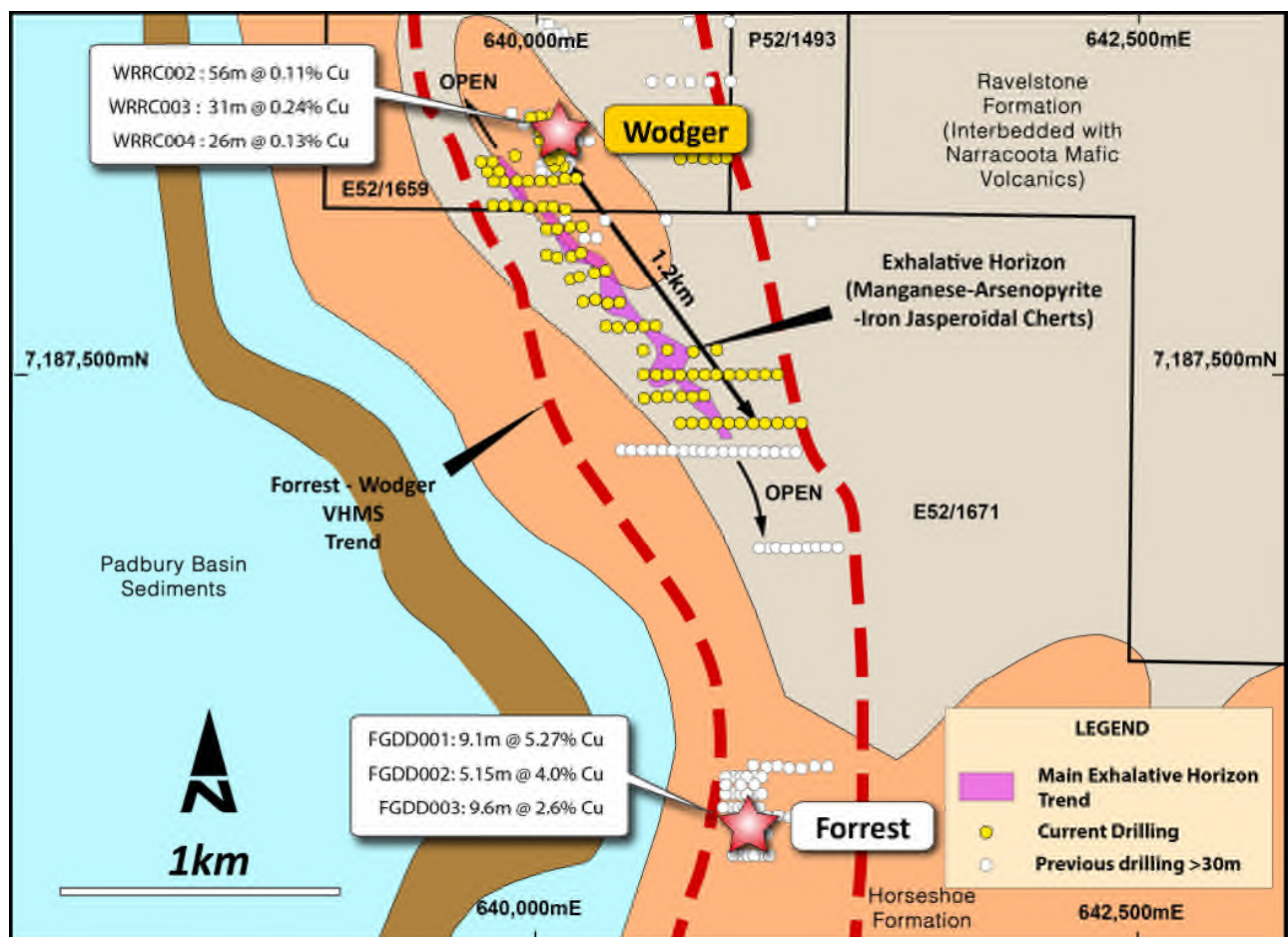


Figure 3: Forrest - Wodger VHMS Trend horizon and aircore drilling<sup>2,3</sup>

Samples from these aircore holes have been dispatched to the laboratory, with an anticipated eight-week turnaround for receipt of assays and geochemical review and analysis.

Drill hole collar information for the Forrest-Wodger aircore program is detailed in Appendix 3.

#### *Tempest EM1 and EM2*

Aircore drilling over the Tempest EM1 and EM2 targets intersected sediments with no obvious alteration or evidence of mineralisation. These targets will be reviewed upon receipt of assay results and geochemical analysis.

Drill hole collar information for the Tempest EM1 and EM2 aircore program is detailed in Appendix 4.

## MORCK'S WELL PROJECT

### *Citra Prospect*

The geochemical results from the Citra<sup>1</sup> (Figure 4) aircore program returned no significant VHMS pathfinder elements. The geochemical signature and a geological re-interpretation indicate that the previously interpreted mafic volcanics are actually deep mafic intrusives. However, field mapping around the drilling area identified a number of jasperoidal cherts, several hundred metres to the east of the drilling, that are indicative of exhalative processes (VHMS forming). This prospect will be reviewed and future work programs will be planned to assess the area further to the east.

### *EM2 (Mt Leake) and Limestone Prospects*

The assays for all holes at EM2<sup>1</sup> and Limestone (Figure 4) returned no significant values or elevated VHMS pathfinders. A DHEM survey was conducted on the EM2 hole where a thick clay unit was identified as the likely source of the EM target. Both prospects are being re-evaluated.

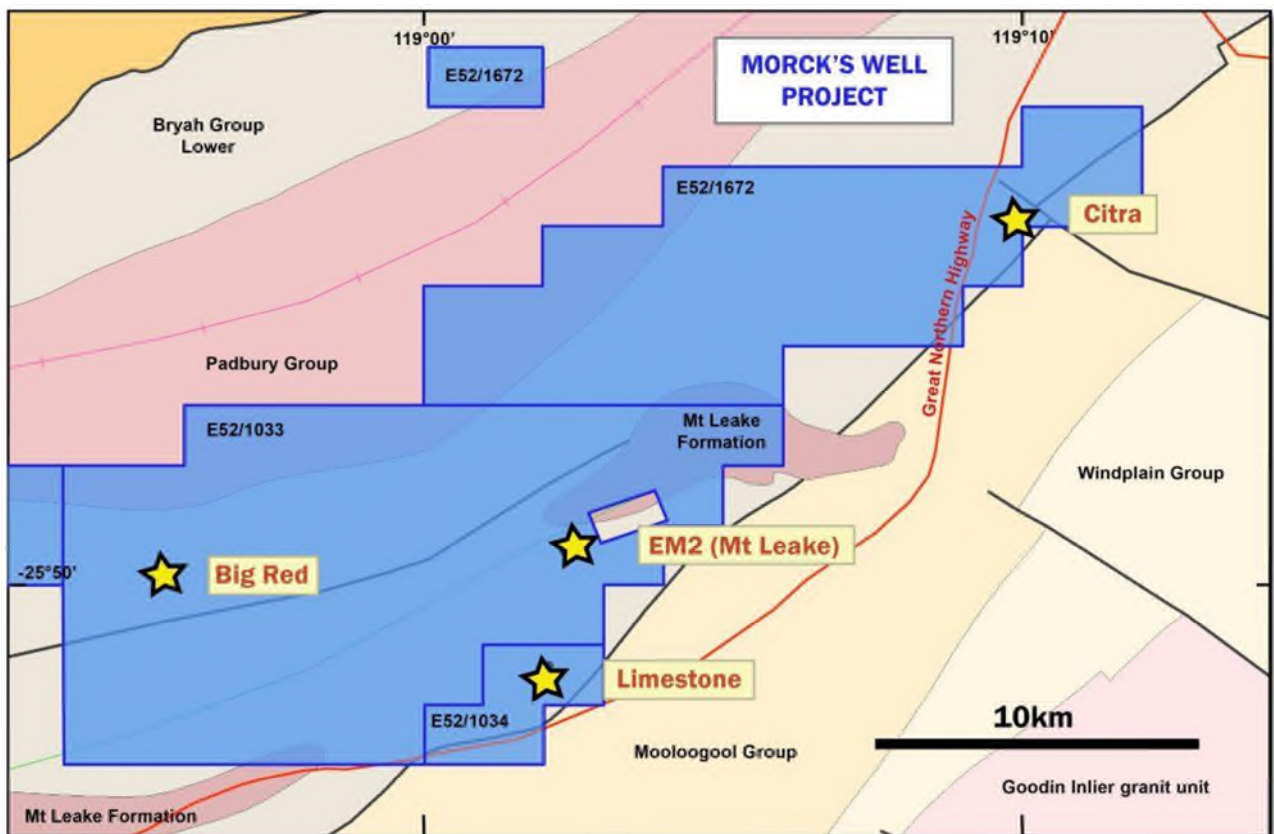


Figure 4: Morck's Well Project area

## SUMMARY OF UPCOMING EXPLORATION PROGRAMS

### *Morck's Well Project*

The aircore drill rig has relocated to the Big Red<sup>1</sup> prospect (Figures 1 and 4) and has commenced drilling an initial program of 41 holes for approximately 4,000m. The program is designed to penetrate the transported cover to confirm prospective stratigraphy and geochemical anomalism associated with Cu-Au mineralisation.

### *Doolgunna Project*

Extensional drilling at the Cuba prospect (Figures 1 and 2) will commence immediately after the completion of the initial drilling at Big Red.

### *Cashmans Project*

A recent surface mapping program at Cashmans prompted a review of the Orient Prospect (Figure 1). Based on this review, a DHEM survey was conducted on hole ORC010 using a more powerful and differently-configured arrangement than the original survey (See ASX announcement 10 October 2013). The new survey provided a re-orientated EM plate which will be drilled as soon as the Company can source an RC rig.

For further information, contact:

**DAVID MORGAN**  
**CHIEF EXECUTIVE OFFICER**

Tel: +61-8 9489 9200

<sup>1</sup> RNI NL 80% and Fe Ltd 20%. Fe Ltd interest is free carried until Decision to Mine.

<sup>2</sup> Previous Forrest assays as reported in ASX announcement 23 July 2014

<sup>3</sup> Previous Wodger assays from two historic rotary air blast (RAB) drill traverses completed by Gleneagle in 2006 and reported in ASX announcement 23 July 2014

## ABOUT RNI NL

RNI NL is exploring for high-grade volcanic hosted massive sulphide (VHMS) copper-gold discoveries in Western Australia's highly-prospective Bryah Basin region.

RNI has consolidated a 1,258km<sup>2</sup> copper-gold exploration portfolio in the Bryah Basin divided into five well-defined project areas – Doolgunna, Morck's Well, Forrest, Cashmans and Horseshoe Well.

The Company launched an extensive drilling and exploration program in November 2015 which will include ~24,000m of drilling across priority targets.

RNI is headed by an experienced board and management team.

### **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 was first disclosed 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.

### **No New Information**

Except where explicitly stated, this announcement contains references to prior exploration results and Mineral Resource estimates, all of which have been cross referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the results and/or estimates in the relevant market announcement continue to apply and have not materially changed.

### **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 announcement. This announcement 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 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 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 announcement speak only at the date of issue of this announcement. 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.

## Appendix 1 – Key Intercepts- VHMS Horizon – Doolgunna Air Core Program

Table 1: Cut-Off Values for Anomalous Key Pathfinder Elements

Cut-Off Values for Anomalous Key Pathfinder Elements							
Element	Lead	Molybdenum	Zinc	Copper	Arsenic	Tellurium	Gold
	Pb	Mo	Zn	Cu	As	Te	Au
Unit	ppm	ppb	ppm	ppm	ppm	ppb	ppb
Anomalous Cut-Off	25	500	220	210	10	200	10

Table 2: VHMS Horizon - Significant Intercepts

Project Area	Tenement	Prospect	Hole ID	Element	Unit	From (metres)	To (metres)	Interval Width (metres)	Element Composite Value	Intercept
Doolgunna	E52/2438	CUBA	DGAC0059	Pb	ppm	16	36	20	89	20 metres @ 89ppm Pb from 16 metres
				Mo	ppb	16	64	48	1.75	48 metres @ 1750 ppb Mo from 16 metres
				Zn	ppm	40	64	24	223	24 metres @ 223 ppm Zn from 40 metres
				Cu	ppm	-	-	-	-	NSR
				As	ppm	16	64	48	48	48 metres @ 48 ppm As from 16 metres
				Te	ppb	20	24	4	0.2	4 metres @ 200 ppb Te from 20m
				Au	ppb	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0060	Pb	ppm	64	72 (EOH)	8	65	8 metres @ 65 ppm Pb from 64 metres to EOH
				Mo	ppb	68	72 (EOH)	4	1	4 metres @ 1000 ppb Mo from 68 metres to EOH
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	64	68	4	222	4 metres @ 222 ppm Cu from 64 metres
				As	ppm	68	72 (EOH)	4	11	4 metres @ 11 ppm As from 68 metres to EOH
				Te	ppb	-	-	-	-	NSR
				Au	ppb	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0076	Pb	ppm	4	16	12	62	12 metres @ 62 ppm Pb from 4 metres
				Mo	ppb	44	70 (EOH)	16	0.88	16 metres @ 880 ppb Mo from 44m to EOH
				Zn	ppm	20	32	12	227	12 metres @ 227 ppm Zn from 20 metres
				Cu	ppm	4	28	24	239	24 metres @ 239 ppm Cu from 4 metres
				As	ppm	0	4	4	11	4 metres @ 11 ppm As from surface
				Te	ppb	40	60	20	0.24	20 metres @ 240 ppb Te from 40 metres
				Au	ppb	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0075	Pb	ppm	52	56	4	32	4 metres @ 32 ppm Pb from 52 metres
				Mo	ppb	32	72	40	0.95	40 metres @ 950 ppb Mo from 32 metres
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	24	40	16	227	16 metres @ 227 ppm Cu from 24 metres
				As	ppm	44	72 (EOH)	28	41	28 metres @ 41 ppm As from 44 metres to EOH
				Te	ppb	12	16	4	0.2	4 metres @ 200 ppb Te from 12 metres
				Au	ppb	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0074	Pb	ppm	36	64	28	123	28 metres @ 123 ppm Pb from 36 metres
				Mo	ppb	36	64	28	1	28 metres @ 1000 ppb Mo from 36 metres
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	72	80	8	241	8 metres @ 241 ppm Cu from 72 metres
				As	ppm	8	60	52	18	52 metres @ 18 ppm As from 8 metres
				Te	ppb	32	44	12	0.2	12 metres @ 200 ppb Te from 32 metres
				Au	ppb	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0093	Pb	ppm	24	32	8	39	8 metres @ 39 ppm Pb from 24 metres
				Mo	ppb	56	68	12	0.67	12 metres @ 670 ppb Mo from 56 metres
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	16	28	12	219	12 metres @ 219 ppm Cu from 16 metres
				As	ppm	-	-	-	-	NSR
				Te	ppb	4	12	8	0.5	8 metres @ 500 ppb Te from 4 metres
				Au	ppb	32	36	4	12	4 metres @ 12 ppb Au from 32 metres
Doolgunna	E52/2438	CUBA	DGAC0092	Pb	ppm	0	20	20	54.2	20 metres @ 54.2 ppm Pb from surface
				Mo	ppb	0	24	24	1.17	24 metres @ 1170 ppb Mo from surface
				Zn	ppm	20	52	32	345	32 metres @ 345 ppm Zn from 20 metres
				Cu	ppm	20	24	4	228	4 metres @ 228 ppm Cu from 20 metres
				As	ppm	8	24	16	13.25	16 metres @ 13.25 ppm As from 8 metres
				Te	ppb	40	76	36	0.32	36 metres @ 320 ppb Te from 40 metres
				Au	ppb	40	48	8	10	8 metres @ 10 ppb Au from 40 metres

Note: Detailed hole collar information for these holes was provided in the ASX Announcement 23rd December, 2015



## Appendix 1 – Key Intercepts- VHMS Horizon – Doolgunna Air Core Program (Contd)

Table 2: VHMS Horizon - Significant Intercepts

Project Area	Tenement	Prospect	Hole ID	Element	Unit	From (metres)	To (metres)	Interval Width (metres)	Element Composite Value	Intercept
Doolgunna	E52/2438	CUBA	DGAC0091	Pb	ppm	-	-	-	-	NSR
				Mo	ppb	0	8	8	0.5	8 metres @ 500 ppb Mo from surface
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	-	-	-	-	NSR
				As	ppm	-	-	-	-	NSR
				Te	ppb	0	75	75	0.22	75 metres @ 220 ppb Te from surface to EOH
				Au	ppb	20	24	4	98	4 metres @ 98 ppb Au from 20 metres
Doolgunna	E52/2438	CUBA	DGAC120	Pb	ppm	20	32	12	61	12 metres @ 61ppm Pb from 20 metres
				Mo	ppb	76	81 (EOH)	5	1	5 metres @ 1000 ppb Mo from 76 metres to EOH
				Zn	ppm	4	12	8	281	8 metres @ 281 ppm Zn from 4 metres
				Cu	ppm	40	44	4	212	4 metres @ 212 ppm Cu from 40 metres
				As	ppm	-	-	-	-	NSR
				Te	ppb	40	48	8	0.6	8 metres @ 600 ppb Te from 40 metres
				Au	ppb	36	44	8	14	8 metres @ 14 ppb Au from 36 metres
Doolgunna	E52/2438	CUBA	DGAC119	Pb	ppm	32	44	12	69	12 metres @ 69 ppm Pb from 32 metres
				Mo	ppb	24	40	16	0.63	16 metres @ 630 ppb Mo from 24 metres
				Zn	ppm	-	-	-	-	NSR
				Cu	ppm	24	32	8	247	8 metres @ 247 ppm Cu from 24 metres
				As	ppm	64	68	4	13	4 metres @ 13 ppm As from 64 metres
				Te	ppb	8	52	44	0.46	44 metres @ 460 ppb Te from 8 metres
				Au	ppb	68	69	1	17	1 metre @ 17 ppb Au from 68 metres to EOH
Doolgunna	E52/2438	CUBA	DGAC118	Pb	ppm	76	84	8	58	8 metres @ 58 ppm Pb from 76 metres
				Mo	ppb	20	21	1	1	8 metres @ 1000 ppb Mo from 20 metres
				Zn	ppm	40	48	8	349	8 metres @ 349 ppm Zn from 40 metres
				Cu	ppm	72	76	4	322	4 metres @ 322 ppm Cu from 72 metres
				As	ppm	80	84	4	10	4 metres @ 10 ppm As from 80 metres
				Te	ppb	8	32	24	0.53	24 metres @ 530 ppb Te from 8 metres
				Au	ppb	-	-	-	-	NSR

Note: Detailed hole collar information for these holes was provided in the ASX Announcement 23rd Decemeber, 2015

## Appendix 2 – Key Intercepts – Stratigraphic Gold Horizon – Doolgunna Air Core Program

Table 1: Cut-Off Values for Anomalous Key Pathfinder Elements

Cut-Off Values for Anomalous Key Pathfinder Elements							
Element	Lead	Molybdenum	Zinc	Copper	Arsenic	Tellurium	Gold
	Pb	Mo	Cu	Te	Sb	W	Au
Unit	ppm	ppb	ppm	ppb	ppm	ppm	ppb
Anomalous Cut-Off	25	500	210	200	1.3	3.5	10

Table 2: Gold Horizon - Significant Intercepts

Project Area	Tenement	Prospect	Hole ID	Element	Unit	From (metres)	To (metres)	Interval Width (metres)	Element Composite Value	Intercept
Doolgunna	E52/2438	CUBA	DGAC0070	Pb	ppm	48	52	4	43	4 metres @ 43 ppb Pb from 48 metres
				Mo	ppb	64	68	4	0.5	4 metres @ 500 ppb Mo from 64 metres
				Cu	ppm	12	24	12	245	12 metres @ 245 ppm Cu from 12 metres
				Te	ppb	16	69 (EOH)	53	0.35	53 metres @ 350 ppb Te from 16 metres to EOH
				Sb	ppm	60	64	4	1.5	4 metres @ 1.5ppm Sb from 60 metres
				W	ppm	36	40	4	8.5	4 metres @ 8.50 ppm W from 36 metres
				Au	ppb	0	24	24	28	24 metres @ 28 ppb Au from 4 metres
Doolgunna	E52/2438	CUBA	DGAC0069	Pb	ppm	4	8	4	60	4 metres @ 60 ppm Pb from 4 metres
				Mo	ppb	4	8	4	1	4 metres @ 1000 ppb Mo from 4 metres
				Cu	ppm	-	-	-	-	NSR
				Te	ppb	4	8	4	0.6	4 metres @ 600 ppb Te from 4 metres
				Sb	ppm	20	24	4	1.6	4 metres @ 1.6 ppm Sb from 20 metres
				W	ppm	-	-	-	-	NSR
				Au	ppb	48	56	8	14	8 metres @ 14 ppm Au from 48 metres
Doolgunna	E52/2438	CUBA	DGAC0088	Pb	ppm	24	28	4	27	4 metres @ 27 ppm Pb from 24 metres
				Mo	ppb	0	4	4	0.5	4 metres @ 500 ppb Mo from surface
				Cu	ppm	-	-	-	-	NSR
				Te	ppb	28	33 (EOH)	5	0.5	5 metres @ 660 ppb Te from 28 metres to EOH
				Sb	ppm	-	-	-	-	NSR
				W	ppm	-	-	-	-	NSR
				Au	ppb	12	32	20	32	20 metres @ 32 ppb Au from 12 metres
Doolgunna	E52/2438	CUBA	DGAC0087	Pb	ppm	-	-	-	-	NSR
				Mo	ppb	48	52	4	3	4 metres @ 3000 ppb Mo from 48 metres
				Cu	ppm	60	64	4	1030	4 metres @ 1030 ppm Cu from 60 metres
				Te	ppb	44	72	28	0.46	28 metres @ 460 ppb Te from 44 metres
				Sb	ppm	-	-	-	-	NSR
				W	ppm	0	4	4	17	4 metres @ 17 ppm W from surface
				Au	ppb	48	60	12	20	12 metres @ 20 ppb Au from 48 metres
Doolgunna	E52/2438	CUBA	DGAC0086	Pb	ppm	20	40	20	43	20 metres @ 43 ppm Pb from 20 metres
				Mo	ppb	28	32	4	1	4 metres @ 1000 ppb Mo from 28 metres
				Cu	ppm	4	24	20	311	20 metres @ 311 ppm Cu from 4 metres
				Te	ppb	0	72 (EOH)	72	0.41	72 metres @ 410 ppb Te from surface to EOH
				Sb	ppm	-	-	-	-	NSR
				W	ppm	-	-	-	-	NSR
				Au	ppb	48	68	20	29	20 metres @ 29 ppb Au from 48 metres
Doolgunna	E52/2438	CUBA	DGAC0085	Pb	ppm	0	12	12	39	12 metres @ 39 ppm Pb from surface
				Mo	ppb	4	12	8	1	8 metres @ 1000 ppb Mo from 4 metres
				Cu	ppm	12	20	8	236	8 metres @ 236 ppm Cu from 12 metres
				Te	ppb	0	72 (EOH)	72	0.31	72 metres @ 310 ppb Te from surface to EOH
				Sb	ppm	12	16	4	1.3	4 metres @ 1.30 ppm Sb from 12 metres
				W	ppm	16	24	8	6.75	8 metres @ 6.75 ppm W from 16 metres
				Au	ppb	40	44	4	14	4 metres @ 14 ppb Au from 40 metres
Doolgunna	E52/2438	CUBA	DGAC0104	Pb	ppm	8	24	16	33	16 metres @ 33 ppm Pb from 8 metres
				Mo	ppb	48	52	4	0.5	4 metres @ 500 ppb Mo from 48 metres
				Cu	ppm	56	64	8	235	8 metres @ 235 ppm Cu from 56 metres
				Te	ppb	8	24	16	0.4	16 metres @ 400 ppb Te from 8 metres
				Sb	ppm	48	64	16	1.98	16 metres @ 1.98 ppm Sb from 48 metres
				W	ppm	-	-	-	-	NSR
				Au	ppb	52	64	12	50	12 metres @ 50 ppb Au from 52 metres

Note: Detailed hole collar information for these holes was provided in the ASX Announcement 23rd Decemeber, 2015

## Appendix 2 – Key Intercepts – Stratigraphic Gold Horizon – Doolgunna Air Core Program (Contd)

Table 2: Gold Horizon - Significant Intercepts

Project Area	Tenement	Prospect	Hole ID	Element	Unit	From (metres)	To (metres)	Interval Width (metres)	Element Composite Value	Intercept
Doolgunna	E52/2438	CUBA	DGAC0103	Pb	ppm	20	24	4	40	4 metres @ 40 ppm Pb from 20 metres
				Mo	ppb	12	28	16	1.13	16 metres @ 1130 ppb Mo from 12 metres
				Cu	ppm	28	32	4	266	4 metres @ 266 ppm Cu from 28 metres
				Te	ppb	12	36	24	0.7	24 metres @ 700 ppb Te from 12 metres
				Sb	ppm	36	44 (EOH)	8	1.75	8 metres @ 1.75 ppm Sb from 36 metres to EOH
				W	ppm	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0102	Pb	ppm	32	40	8	31	8 metres @ 31 ppm Pb from 32 metres
				Mo	ppb	0	4	4	0.5	4 metres @ 500 ppb Mo from surface
				Cu	ppm	48	64	16	361	16 metres @ 361 ppm Cu from 48 metres
				Te	ppb	28	52	24	0.3	24 metres @ 300 ppb Te from 28 metres
				Sb	ppm	24	28	4	1.3	4 metres @ 1.30 ppm Sb from 24 metres
				W	ppm	44	48	4	9	4 metres @ 9 ppm W from 44 metres
Doolgunna	E52/2438	CUBA	DGAC0101	Pb	ppm	68	72 (EOH)	4	62	4 metres @ 62 ppm Pb from 68 metres to EOH
				Mo	ppb	44	60	16	0.63	16 metres @ 630 ppb Mo from 44 metres
				Cu	ppm	-	-	-	-	NSR
				Te	ppb	0	20	20	0.32	20 metres @ 320 ppb Te from surface
				Sb	ppm	-	-	-	-	NSR
				W	ppm	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC0083	Pb	ppm	-	-	-	-	NSR
				Mo	ppb	-	-	-	-	NSR
				Cu	ppm	-	-	-	-	NSR
				Te	ppb	4	36	32	0.4	32 metres @ 400 ppb Te from 4 metres
				Sb	ppm	-	-	-	-	NSR
				W	ppm	-	-	-	-	NSR
Doolgunna	E52/2438	CUBA	DGAC124	Pb	ppm	-	-	-	-	NSR
				Mo	ppb	12	16	4	0.5	4 metres @ 500 ppb Mo from 12 metres
				Cu	ppm	8	12	4	332	4 metres @ 332 ppm Cu from 8 metres
				Te	ppb	4	12	8	0.3	8 metres @ 300 ppb Te from 4 metres
				Sb	ppm	32	16	14	2.05	8 metres @ 1.45 ppm Sb ppm from surface & 14 metres @ 2.05 ppm Sb from 32 metres
				W	ppm	-	-	-	-	NSR
Au	ppb	0	36	36	33	36 metres @ 33 ppb au from surface				

Note: Detailed hole collar information for these holes was provided in the ASX Announcement 23rd Decemeber, 2015

Appendix 3 – Table 1: Drillhole Information Summary – Forrest – Wodger Air Core Program

Project Area	Tenement	Hole ID	Hole Type	Depth	Dip	Azimuth	Grid_ID	East	North	RL	Hole Status
Forrest	E52/1671	FWAC001	Air Core	99	-90	0	MGA94_50	641002	7187502	522	Assays Pending
Forrest	E52/1671	FWAC002	Air Core	71	-90	0	MGA94_50	640950	7187497	527	Assays Pending
Forrest	E52/1671	FWAC003	Air Core	86	-60	90	MGA94_50	640901	7187500	529	Assays Pending
Forrest	E52/1671	FWAC004	Air Core	87	-60	90	MGA94_50	640848	7187500	531	Assays Pending
Forrest	E52/1671	FWAC005	Air Core	68	-60	90	MGA94_50	640798	7187499	528	Assays Pending
Forrest	E52/1671	FWAC006	Air Core	129	-60	90	MGA94_50	640743	7187501	529	Assays Pending
Forrest	E52/1671	FWAC007	Air Core	159	-60	90	MGA94_50	640699	7187501	529	Assays Pending
Forrest	E52/1671	FWAC008	Air Core	90	-60	90	MGA94_50	640646	7187496	531	Assays Pending
Forrest	E52/1671	FWAC009	Air Core	96	-60	90	MGA94_50	640592	7187497	533	Assays Pending
Forrest	E52/1671	FWAC010	Air Core	102	-60	90	MGA94_50	640550	7187501	548	Assays Pending
Forrest	E52/1671	FWAC011	Air Core	124	-60	90	MGA94_50	640502	7187498	536	Assays Pending
Forrest	E52/1671	FWAC012	Air Core	105	-60	90	MGA94_50	641009	7187502	527	Assays Pending
Forrest	E52/1671	FWAC013	Air Core	108	-60	90	MGA94_50	640959	7187501	529	Assays Pending
Forrest	E52/1671	FWAC014	Air Core	102	-60	90	MGA94_50	641092	7187299	522	Assays Pending
Forrest	E52/1671	FWAC015	Air Core	99	-60	90	MGA94_50	641052	7187298	529	Assays Pending
Forrest	E52/1671	FWAC016	Air Core	114	-60	90	MGA94_50	641000	7187294	532	Assays Pending
Forrest	E52/1671	FWAC017	Air Core	120	-60	90	MGA94_50	640956	7187294	535	Assays Pending
Forrest	E52/1671	FWAC018	Air Core	84	-60	90	MGA94_50	640906	7187301	551	Assays Pending
Forrest	E52/1671	FWAC019	Air Core	114	-60	90	MGA94_50	640854	7187290	557	Assays Pending
Forrest	E52/1671	FWAC020	Air Core	77	-60	90	MGA94_50	640803	7187292	529	Assays Pending
Forrest	E52/1671	FWAC021	Air Core	85	-60	90	MGA94_50	640758	7187289	531	Assays Pending
Forrest	E52/1671	FWAC022	Air Core	78	-60	90	MGA94_50	640699	7187295	531	Assays Pending
Forrest	E52/1671	FWAC023	Air Core	88	-60	90	MGA94_50	640650	7187300	600	Assays Pending
Forrest	E52/1671	FWAC024	Air Core	36	-60	90	MGA94_50	640600	7187300	600	Assays Pending
Forrest	E52/1659	FWAC025	Air Core	84	-60	90	MGA94_50	640800	7188393	600	Assays Pending
Forrest	E52/1659	FWAC026	Air Core	57	-60	90	MGA94_50	640750	7188393	600	Assays Pending
Forrest	E52/1659	FWAC027	Air Core	87	-90	0	MGA94_50	640700	7188393	600	Assays Pending
Forrest	E52/1659	FWAC028	Air Core	90	-90	0	MGA94_50	640650	7188393	600	Assays Pending
Forrest	E52/1659	FWAC029	Air Core	55	-90	0	MGA94_50	640600	7188393	600	Assays Pending
Forrest	E52/1671	FWAC030	Air Core	84	-60	90	MGA94_50	640751	7187600	600	Assays Pending
Forrest	E52/1671	FWAC031	Air Core	93	-60	90	MGA94_50	640751	7187600	600	Assays Pending
Forrest	E52/1671	FWAC032	Air Core	109	-60	160	MGA94_50	640659	7187592	600	Assays Pending
Forrest	E52/1671	FWAC033	Air Core	58	-60	170	MGA94_50	640551	7187600	600	Assays Pending
Forrest	E52/1671	FWAC034	Air Core	113	-60	90	MGA94_50	640452	7187600	600	Assays Pending
Forrest	E52/1671	FWAC035	Air Core	91	-60	90	MGA94_50	640451	7187500	600	Assays Pending
Forrest	E52/1671	FWAC036	Air Core	120	-60	90	MGA94_50	640502	7187406	600	Assays Pending
Forrest	E52/1671	FWAC037	Air Core	111	-60	90	MGA94_50	640450	7187400	600	Assays Pending
Forrest	E52/1671	FWAC038	Air Core	108	-60	90	MGA94_50	640552	7187410	600	Assays Pending
Forrest	E52/1671	FWAC039	Air Core	105	-60	90	MGA94_50	640605	7187412	600	Assays Pending
Forrest	E52/1671	FWAC040	Air Core	48	-60	90	MGA94_50	640500	7187700	600	Assays Pending
Forrest	E52/1671	FWAC041	Air Core	43	-60	90	MGA94_50	640703	7187409	600	Assays Pending
Forrest	E52/1671	FWAC042	Air Core	75	-60	90	MGA94_50	640653	7187407	600	Assays Pending
Forrest	E52/1671	FWAC043	Air Core	99	-60	90	MGA94_50	640449	7187697	600	Assays Pending
Forrest	E52/1671	FWAC044	Air Core	93	-60	90	MGA94_50	640397	7187697	600	Assays Pending
Forrest	E52/1671	FWAC045	Air Core	93	-60	90	MGA94_50	640348	7187696	600	Assays Pending
Forrest	E52/1671	FWAC046	Air Core	78	-60	90	MGA94_50	640296	7187696	600	Assays Pending
Forrest	E52/1671	FWAC047	Air Core	107	-60	90	MGA94_50	640296	7187791	600	Assays Pending
Forrest	E52/1671	FWAC048	Air Core	117	-60	90	MGA94_50	640248	7187809	600	Assays Pending
Forrest	E52/1671	FWAC049	Air Core	75	-60	90	MGA94_50	640198	7187803	600	Assays Pending
Forrest	E52/1671	FWAC050	Air Core	84	-60	90	MGA94_50	640351	7187791	600	Assays Pending
Forrest	E52/1671	FWAC051	Air Core	84	-60	90	MGA94_50	640245	7187918	600	Assays Pending
Forrest	E52/1671	FWAC052	Air Core	75	-60	90	MGA94_50	640190	7187906	600	Assays Pending
Forrest	E52/1671	FWAC053	Air Core	78	-60	90	MGA94_50	640147	7187891	600	Assays Pending
Forrest	E52/1671	FWAC054	Air Core	78	-60	90	MGA94_50	640293	7187930	600	Assays Pending
Forrest	E52/1671	FWAC055	Air Core	87	-60	90	MGA94_50	640196	7187999	600	Assays Pending
Forrest	E52/1671	FWAC056	Air Core	73	-60	90	MGA94_50	640148	7187989	600	Assays Pending
Forrest	E52/1671	FWAC057	Air Core	78	-60	90	MGA94_50	640094	7187986	600	Assays Pending
Forrest	E52/1671	FWAC058	Air Core	84	-60	90	MGA94_50	640051	7187998	600	Assays Pending
Forrest	E52/1671	FWAC059	Air Core	69	-60	90	MGA94_50	640195	7188111	600	Assays Pending
Forrest	E52/1671	FWAC060	Air Core	114	-60	90	MGA94_50	640148	7188110	600	Assays Pending
Forrest	E52/1671	FWAC061	Air Core	96	-60	90	MGA94_50	640094	7188103	600	Assays Pending
Forrest	E52/1671	FWAC062	Air Core	75	-60	90	MGA94_50	640049	7188100	600	Assays Pending
Forrest	E52/1659	FWAC063	Air Core	96	-60	90	MGA94_50	640130	7188186	600	Assays Pending
Forrest	E52/1659	FWAC064	Air Core	108	-60	90	MGA94_50	640077	7188194	600	Assays Pending
Forrest	E52/1659	FWAC065	Air Core	81	-60	90	MGA94_50	640029	7188199	600	Assays Pending
Forrest	E52/1659	FWAC066	Air Core	73	-60	90	MGA94_50	639976	7188193	600	Assays Pending
Forrest	E52/1659	FWAC067	Air Core	150	-60	90	MGA94_50	640176	7188304	600	Assays Pending
Forrest	E52/1659	FWAC068	Air Core	105	-60	90	MGA94_50	640123	7188304	600	Assays Pending



Appendix 4 – Table 1: Drillhole Information Summary – Tempest EM1 &amp; EM2 Air Core Program

Project Area	Tenement	Prospect	Hole ID	Hole Type	Depth	Dip	Azimuth	Grid_ID	East	North	RL	Hole Status
Forrest	E52/1659	EM 1	TTAC001	Air Core	72	-60	90	MGA94_50	640344	7191249	516	Assays Pending
Forrest	E52/1659	EM 1	TTAC002	Air Core	96	-60	90	MGA94_50	640306	7191249	524	Assays Pending
Forrest	E52/1659	EM 1	TTAC003	Air Core	90	-60	90	MGA94_50	640259	7191244	561	Assays Pending
Forrest	E52/1659	EM 1	TTAC004	Air Core	90	-60	90	MGA94_50	640201	7191246	535	Assays Pending
Forrest	E52/1659	EM 1	TTAC005	Air Core	99	-60	90	MGA94_50	640149	7191245	527	Assays Pending
Forrest	E52/1659	EM 1	TTAC006	Air Core	99	-60	90	MGA94_50	640097	7191247	519	Assays Pending
Forrest	E52/1659	EM 1	TTAC007	Air Core	87	-60	90	MGA94_50	640344	7191195	524	Assays Pending
Forrest	E52/1659	EM 1	TTAC008	Air Core	84	-90	0	MGA94_50	640286	7191200	523	Assays Pending
Forrest	E52/1659	EM 1	TTAC009	Air Core	117	-90	0	MGA94_50	640099	7191205	522	Assays Pending
Forrest	E52/1659	EM 1	TTAC010	Air Core	108	-90	0	MGA94_50	640151	7191199	525	Assays Pending
Forrest	E52/1659	EM 1	TTAC011	Air Core	105	-90	0	MGA94_50	640194	7191200	516	Assays Pending
Forrest	E52/1659	EM 1	TTAC012	Air Core	78	-90	0	MGA94_50	640245	7191203	524	Assays Pending
Forrest	E52/1659	EM 1	TTAC013	Air Core	117	-90	0	MGA94_50	640105	7191151	531	Assays Pending
Forrest	E52/1659	EM 1	TTAC014	Air Core	123	-90	0	MGA94_50	640151	7191152	520	Assays Pending
Forrest	E52/1659	EM 1	TTAC015	Air Core	120	-90	0	MGA94_50	640203	7191152	526	Assays Pending
Forrest	E52/1659	EM 1	TTAC016	Air Core	99	-90	0	MGA94_50	640253	7191150	520	Assays Pending
Forrest	E52/1659	EM 1	TTAC017	Air Core	72	-90	0	MGA94_50	640303	7191148	524	Assays Pending
Forrest	E52/1659	EM 1	TTAC018	Air Core	75	-90	0	MGA94_50	640347	7191148	519	Assays Pending
Forrest	E52/1659	EM 1	TTAC019	Air Core	78	-90	0	MGA94_50	640347	7191097	527	Assays Pending
Forrest	E52/1659	EM 1	TTAC020	Air Core	69	-90	0	MGA94_50	640293	7191100	518	Assays Pending
Forrest	E52/1659	EM 1	TTAC021	Air Core	102	-90	0	MGA94_50	640247	7191102	522	Assays Pending
Forrest	E52/1659	EM 1	TTAC022	Air Core	99	-90	0	MGA94_50	640196	7191102	519	Assays Pending
Forrest	E52/1659	EM 1	TTAC023	Air Core	123	-90	0	MGA94_50	640150	7191106	511	Assays Pending
Forrest	E52/1659	EM 1	TTAC024	Air Core	69	-90	0	MGA94_50	640104	7191105	518	Assays Pending
Forrest	E52/1659	EM 2	TTAC025	Air Core	84	-90	0	MGA94_50	640749	7189904	525	Assays Pending
Forrest	E52/1659	EM 2	TTAC026	Air Core	81	-90	0	MGA94_50	640792	7189902	521	Assays Pending
Forrest	P52/1493	EM 2	TTAC027	Air Core	114	-90	0	MGA94_50	640848	7189904	520	Assays Pending
Forrest	P52/1493	EM 2	TTAC028	Air Core	99	-90	0	MGA94_50	640892	7189900	520	Assays Pending
Forrest	P52/1493	EM 2	TTAC029	Air Core	93	-90	0	MGA94_50	640946	7189900	526	Assays Pending
Forrest	P52/1493	EM 2	TTAC030	Air Core	81	-90	0	MGA94_50	640994	7189798	521	Assays Pending
Forrest	P52/1493	EM 2	TTAC031	Air Core	105	-90	0	MGA94_50	640953	7189799	553	Assays Pending
Forrest	P52/1493	EM 2	TTAC032	Air Core	90	-90	0	MGA94_50	640898	7189800	524	Assays Pending
Forrest	P52/1493	EM 2	TTAC033	Air Core	81	-90	0	MGA94_50	640845	7189798	525	Assays Pending
Forrest	P52/1493	EM 2	TTAC034	Air Core	99	-90	0	MGA94_50	640997	7189702	530	Assays Pending
Forrest	P52/1493	EM 2	TTAC035	Air Core	90	-90	0	MGA94_50	640951	7189698	526	Assays Pending
Forrest	P52/1493	EM 2	TTAC036	Air Core	105	-90	0	MGA94_50	640992	7189600	524	Assays Pending
Forrest	P52/1493	EM 2	TTAC037	Air Core	84	-90	0	MGA94_50	640951	7189599	528	Assays Pending
Forrest	P52/1493	EM 2	TTAC038	Air Core	102	-90	0	MGA94_50	641197	7189603	527	Assays Pending
Forrest	P52/1493	EM 2	TTAC039	Air Core	90	-90	0	MGA94_50	641153	7189604	532	Assays Pending
Forrest	P52/1493	EM 2	TTAC040	Air Core	105	-90	0	MGA94_50	641091	7189606	547	Assays Pending
Forrest	P52/1493	EM 2	TTAC041	Air Core	75	-90	0	MGA94_50	641198	7189704	525	Assays Pending
Forrest	P52/1493	EM 2	TTAC042	Air Core	84	-90	0	MGA94_50	641149	7189705	524	Assays Pending
Forrest	P52/1493	EM 2	TTAC043	Air Core	93	-90	0	MGA94_50	641096	7189702	519	Assays Pending
Forrest	P52/1493	EM 2	TTAC044	Air Core	102	-90	0	MGA94_50	641052	7189799	517	Assays Pending
Forrest	P52/1493	EM 2	TTAC045	Air Core	75	-90	0	MGA94_50	641045	7189606	520	Assays Pending

**Appendix 5: Doolgunna Diamond drilling and downhole EM  
JORC Code, 2012 Edition  
Table 1**

**Section 1 Sampling Techniques and Data  
(Criteria in this section apply to all succeeding sections.)**

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <p>2kg - 3kg samples were split from dry 1m bulk samples via a cone splitter directly from the cyclone. These original samples were retained for follow up assays of significant results of the 4m composites.</p> <p>The bulk sample was discharged from the cyclone directly into green bags.</p> <p>2kg - 3kg 4m composite samples were collected by spearing the green bag from the top ensuring penetration to the bottom of the bag. Field duplicates were collected at a ratio of 1:50. OREAS standards were inserted at a ratio of 1:50.</p> <p><b>Air Core Drilling:</b></p> <p>The bulk sample was discharged from the cyclone into buckets which were dumped on the ground at 1m intervals.</p> <p>2kg - 3kg 4m composite samples were speared from dry 1m bulk samples. Field duplicates were collected at a ratio of 1:50. OREAS standards were inserted at a ratio of 1:50.</p> <p><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></p>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <p>All reverse circulation was drilled using a Schram T685W Rotadrill using a nominal 140mm diameter face sampling bit to reduce the risk of sample contamination with booster and auxiliary air (2400cfm at 1000psi) to maximise recovery and minimise wet samples.</p> <p>Holes were orientated using a downhole single shot Reflex tool and surveys were taken every 30 metres downhole.</p> <p><b>Air Core Drilling:</b></p> <p>All air core was drilled with a Drillboss 200 with on-board compressor (600cfm at 250psi) using a nominal 90mm diameter air core bit.</p> <p><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></p>

Criteria	JORC Code explanation	Commentary
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <p>Recovery and moisture were recorded for each sample. The majority of samples were of good quality with ground water having minimal effect on sample quality or recovery.</p> <p><b>Air Core Drilling:</b></p> <p>Recovery and moisture were recorded for 1m samples. The majority of samples were of good quality with ground water having minimal effect on sample quality or recovery.</p> <p><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></p>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <p>Reverse circulation chips were washed and stored in chip trays in 1m intervals for the entire length of each hole. Chips were visually inspected and logged to record lithology, weathering, alteration, mineralisation, veining and structure.</p> <p><b>Air Core Drilling:</b></p> <p>Air Core chips were washed and stored in chip trays in 1m intervals for the entire length of each hole. Chips were visually inspected and logged to record lithology, weathering, alteration, mineralisation, veining and structure.</p> <p><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></p>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <p>Samples were split from dry, 1m bulk sample via a cone splitter directly from the cyclone with the bulk sample material being collected in green sample bags directly from the cyclone. 4m Composites were speared directly from bulk 1m samples. Field duplicates were inserted at a ratio of 1:50. OREAS standards were inserted at a ratio of 1:50.</p> <p><b>Air Core Drilling:</b></p> <p>Bulk samples were collected in buckets directly from the cyclone and dumped on the ground. 4m Composites were speared directly from bulk 1m samples. Field duplicates were collected at a ratio of 1:50. OREAS standards were inserted at a ratio of 1:50.</p> <p><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></p>

Criteria	JORC Code explanation	Commentary
<p><b>Quality of assay data and laboratory tests</b></p>	<ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></li> <li><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></li> </ul>	<p><b><u>Reverse Circulation &amp; Air Core Drilling:</u></b></p> <ul style="list-style-type: none"> <li>Samples were submitted to the Bureau Veritas laboratory in Perth. Preparation included crushing and pulverisation. The assay method for gold was by aliquot Aqua regia digestion (four acid digest for the multi element suite) followed by determination of gold and additional elements/base metals, using ICP optical emission spectrometry and ICP mass spectrometry.</li> <li>Standards were inserted every 1:50 samples and will include OREAS501B and OREAS502B. These were considered to be representative of the style of targeted mineralisation.</li> <li>Assay results for the aircore holes at Tempest EM1, Tempest EM2, and the Forrest-Wodger Trend are pending.</li> </ul> <p><b><u>ORIENT</u></b></p> <ul style="list-style-type: none"> <li>DHEM was completed using a Vortex VTX-100 transmitter (100 Amp) and an EMIT Smartem24 receiver and EMIT DigiAtlantis sensor.</li> <li><b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></li> <li>QAQC <ul style="list-style-type: none"> <li>In total, 66 standards were submitted at 50<sup>th</sup> sample intervals (RNI prefix RNI***00, 50, 100, 150 etc.) to ensure that any anomalism generated in the geochemical results was validated and to also ensure that the laboratory (Bureau Veritas – Ultra Trace) were employing their best practices. Three standards were chosen for this program and were sourced from OREAS (Ore Research and Exploration Pty Ltd). They included: <ul style="list-style-type: none"> <li>OREAS 22D: Blank material</li> <li>OREAS 501B: 0.248ppm Au and 0.26% Cu</li> <li>OREAS 502B: 0.494ppm Au and 0.773% Cu</li> </ul> </li> <li>Results from the laboratory were extremely good, with only a couple of results sitting outside the typical 2 standard deviations. Duplicates were also sampled every 50<sup>th</sup> sample (RNI sample prefix RNI****25, 75, 125, 175 etc) and results from this work suggest very good repeatability. Overall the results received to date have all passed QAQC and there should be a high level of confidence in the anomalism generated.</li> </ul> </li> </ul>



Criteria	JORC Code explanation	Commentary
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>• The verification of significant intersections by either independent or alternative company personnel.</li> <li>• The use of twinned holes.</li> <li>• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>• Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>• Logging and sampling were recorded directly into a company database spreadsheet template on a Toughbook by the geologist on the rig.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>• Specification of the grid system used.</li> <li>• Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>• The drill collars were positioned using a Garmin hand held GPS. The coordinates were plotted and marked in GDA94 / MGA zone 50.</li> <li>• Reverse Circulation down hole surveys taken by digital single shot camera every 30m.</li> <li>• The DHEM transmitter loop was located at 664,200-664,400E, 7,120,600-7,120,800N. The coordinate system used was a GDA94 / MGA zone 50.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>• Data spacing for reporting of Exploration Results.</li> <li>• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>• Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>• Drill sample compositing was based over 4 metre intervals and was sufficient for the low tenure of mineralisation.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<p><b>Reverse Circulation Drilling:</b></p> <ul style="list-style-type: none"> <li>• Drilling at the EM2/Mt Leake, Marty's Patch and Maguire's prospects were planned at right angles to known strike and at the best practical angle to intersect the targets at right angles. It is therefore inferred that sampling bias was kept to a minimum.</li> <li>• Drilling at Citra consisted of two lines which were drilled in opposite orientations to each other, but perpendicular to known strike, due to uncertainty in the dip of bedding at that locality. The drilling was designed to test the surface geochemical and magnetic anomalies.</li> <li>• Drilling at the Limestone prospect was drilled vertically through transported cover to test the underlying geology and geochemistry.</li> <li>• <b>For information relating to historical drilling at Orient, please refer to the RNI NL ASX announcement released on 6 November 2014.</b></li> </ul>

Criteria	JORC Code explanation	Commentary
		<p><b><u>Air Core Drilling:</u></b></p> <ul style="list-style-type: none"> <li>• Drilling at the Jerry's, Cuba and Forrest-Wodger prospects were drilled at right angles to known strike and at the best practical angle through the weathered zone to test the geology and geochemistry. It is therefore inferred that sampling bias was kept to a minimum.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sample bags were tagged and logged, sealed in bulka bags by company personnel, dispatch by third party contractor, in-company reconciliation with laboratory assay returns.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Database compilation into Data-shed for data integrity.</li> <li>• Program review by company senior Geologist.</li> <li>• Aircore and RC assay sample data was reviewed by Dr Nigel Brand and highlighted the alteration and pathfinder geochemical anomalism</li> <li>• The DHEM surveys were analysed by Ben Jones (Precision Geophysics Pty Ltd), who identified the off hole conductor at Orient.</li> </ul>

## Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>• <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></li> <li>• <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Doolgunna tenement E52/2438 is currently owned by Ascidian Prospecting Pty Ltd, which RNI NL has the executed option to purchase 100%. Yugunga Nya is the local claimant Group</li> <li>• The Morck's Well Tenements E51/1134 is 100% wholly owned by RNI NL and falls within the Yugunga Nya claimant Group</li> <li>• Morck's Well Tenements E52/1672 and E51/1033 are 40% held by RNI NL, 20% held by Jackson Minerals Pty Ltd and 40% owned by Pepinnini Robinson Range Pty Ltd. The tenement landholding is divided between the Jidi Jidi and the Yugunga Nya Claimant Groups</li> <li>• Forrest Tenements E52/1671 and E52/1659 and 80% owned by RNI to which RNI has the rights to the copper mineralisation and Metals X have the gold rights, and 20% Jackson Minerals Pty Ltd. P52/1493 is 100% owned by RNI NL. The local claimant group across these tenements are the Jidi Jidi.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Cashmans Tenement E51/1053 is 100% wholly owned by RNI NL and falls within the Wajarri Yamatji Claimant Group</li> </ul> <p><b><u>Doolgunna Project</u></b></p> <ul style="list-style-type: none"> <li>Prior to 2010 Sandfire Resources held the ground and completed several surface lag sampling programs and several RAB drill programs to follow up on significant gold anomalism.</li> </ul> <p><b><u>Morck's Well Project</u></b></p> <ul style="list-style-type: none"> <li>CRA Exploration completed auger drilling in 1992 over the Citra Prospect area. They delineated a 2.2km by 100m wide copper anomaly which was never followed</li> <li>Geopeko conducted a rotary air blast (RAB) drilling program over the Big Red prospect area in 1994 and delineated a broad halo of copper anomalism hosted within a package of turbidic sediments and showing evidence of an alteration halo.</li> </ul> <p><b><u>Forrest Project</u></b></p> <ul style="list-style-type: none"> <li>Historic RAB drilling by Gleneagle Gold in 2006 delineated anomalous copper-gold mineralisation within historic RAB hole FGRC097.</li> <li>Perilya completed a project wide EM survey in 2000, (TEMPEST) and delineated two EM anomalies that were never followed up.</li> </ul> <p><b><u>Cashmans Project</u></b></p> <ul style="list-style-type: none"> <li>Historic RAB and RC drilling (Assayed only for Au) by various companies, not limited to, Eagle Gold, Gleneagle, Perilya, Homestake Australia and Dominion Mining.</li> <li>Multi-element lag sampling by Gleneagle</li> <li>Multi-element soil sampling by Grosvenor Gold</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p><b><u>Doolgunna Project</u></b></p> <ul style="list-style-type: none"> <li>The Doolgunna Project Area is hosted within a turbiditic sedimentary sequence belonging to the Karalundi Formation, which has an inter-fingering relationship with Narracoota Mafic Volcanics. Gold and copper mineralisation is associated with an east-west trending quartz vein.</li> </ul> <p><b><u>Morck's Well Project</u></b></p> <ul style="list-style-type: none"> <li>The Citra prospect is an anomalous gossan that sits within the interpreted Karalundi formation sediments. Interbedded mafic volcanics have been mapped to the north and west of this prospect and jasperoidal cherts have been mapped to the east.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>Both Limestone and EM2/Mt Leake are hosted within the Narracoota Volcanics and are comprised predominantly of mafic volcanics and intrusions with subordinate sediments.</li> </ul> <p><b>Forrest Project</b></p> <ul style="list-style-type: none"> <li>The Forrest Project area is hosted within the Narracoota Formation volcanics, which is subsequently interbedded with the Ravelstone Formation sediments. Mineralisation along this corridor to date has included significant VHMS style mineralisation.</li> </ul> <p><b>Cashmans Project</b></p> <ul style="list-style-type: none"> <li>The Cashman Project Area is hosted within a turbiditic sedimentary sequence belonging to the Karalundi Formation, which is interbedded with mafic volcanics. Gold and copper mineralisation is associated with an east-west trending strata bound gossan and associated exhalative jasperoid chert.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Tables 1 &amp; 2 in Appendix 1 of the text for drill hole information.</li> <li>Drill assay results for both the RC and air core drilling programs are pending.</li> <li>Historic auger drilling across the Citra prospect has been superseded by the anomalous rock chip assays from the Citra Gossan outcrop</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>Drill assay results for both the RC and air core drilling programs are pending.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole</li> </ul>	<p><b>Doolgunna Project</b></p> <ul style="list-style-type: none"> <li>At Marty's Patch, the geometry of the mineralisation has already been defined from shallower drilling intercepts, from previous RC drilling. This is a steep -80 degree dip to the north, striking east west.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<p><i>lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i></p>	<ul style="list-style-type: none"> <li>At Maguire's, Jerry's and Cuba the stratigraphy is interpreted as dipping steeply to the south and striking roughly east west.</li> </ul> <p><b><u>Morck's Well Project</u></b></p> <ul style="list-style-type: none"> <li>Analysis of the logging and geological interpretation of the Limestone, EM2/Mt Leake and Citra prospects is pending.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>	<ul style="list-style-type: none"> <li>No maps have been included as analysis of the logging and geological interpretation of the prospects is pending.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drill assay results for both the RC and air core drilling programs are pending.</li> <li>The accompanying document is considered to be a balanced report with a suitable cautionary note.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul>	<p><b><u>DHEM</u></b></p> <ul style="list-style-type: none"> <li>Four DHEM surveys have previously been completed across the Doolgunna Tenement: <ul style="list-style-type: none"> <li>RC hole DRC286</li> <li>Historic diamond drill holes DDH1-1, DDH1-9</li> </ul> </li> <li>Salmon diamond hole SNDD001</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>Analysis and geological interpretation will be conducted on each of the Limestone, EM2/Mt Leake, Citra, Marty's Patch, Maguire, Jerry's and Cuba prospects.</li> <li>Based on the analyses and geological interpretations, appropriate follow up exploration activities may be planned and implemented for the Doolgunna and Morck's Well project areas. These activities may range from follow up geophysical work and drilling to suspension of activities.</li> </ul> <p><b><u>Doolgunna Project</u></b></p> <ul style="list-style-type: none"> <li>Several traverses (fences) of aircore drill holes will be completed north of the Cuba prospect to establish the northern extent of the Cuba geochemical anomaly.</li> </ul> <p><b><u>Morck's Well Project</u></b></p> <ul style="list-style-type: none"> <li>Several traverses (fences) of aircore drill holes will be completed over the Big Red prospect.</li> </ul> <p><b><u>Cashmans Project</u></b></p> <ul style="list-style-type: none"> <li>Targeted RC drilling and down hole DHEM surveys.</li> </ul>