

ACN 103 367 684

ASX Code: RDM

Red Metal Limited is a minerals exploration company focused on the exploration, evaluation and development of Australian copper-gold and basemetal deposits.

Issued Capital:

174,771,919 Ordinary shares

5,800,000 Unlisted options

Directors:

Rob Rutherford Managing Director

Russell Barwick Chairman

Joshua Pitt Non-executive Director

RED METAL LIMITED

Level 15 323 Castlereagh Street Sydney NSW 2000

Ph: +61 2 9281 1805 Fax: +61 2 9281 5747

info@redmetal.com.au www.redmetal.com.au

Queensland Explorer of the Year 2013

MARCH 2015 QUARTERLY REPORT

29 APRIL 2015

HIGHLIGHTS

Maronan, QLD, Silver-Lead & Copper-Gold

- Compilation of a new geological model in progress.
- Preliminary metallurgical tests and pre-beneficiation tests initiated.

Tennant Creek, NT, Gold-Copper

• Three magnetic anomalies prospective for Tennant Creek style gold and copper mineralisation are drill ready.

Colorado, USA, Potash

- Solution mining experts Agapito Associates Inc. complete review of the potential for potash solution mining on the project area.
- Review provides a strong case for exploration drilling along the crest of the Dolores Anticline.
- Project to be opened to joint venture investment from interested parties.

MOUNT ISA INLIER - QLD

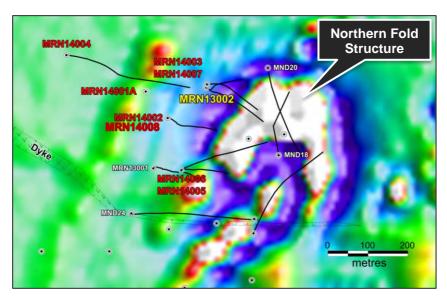
Maronan Project: Silver-Lead & Copper-Gold

Step-out drilling to evaluate the vertical and lateral continuity of the significant Cannington Mine-style lead and silver mineralisation discovered at the northern fold structure was finalised in the December 2014 quarter. At the end of the program a total of eight holes were completed around the strong mineralisation in drill hole MRN13002 (Figure 1) better defining its extent, geometry and the grade variations of the lead and silver mineralisation.

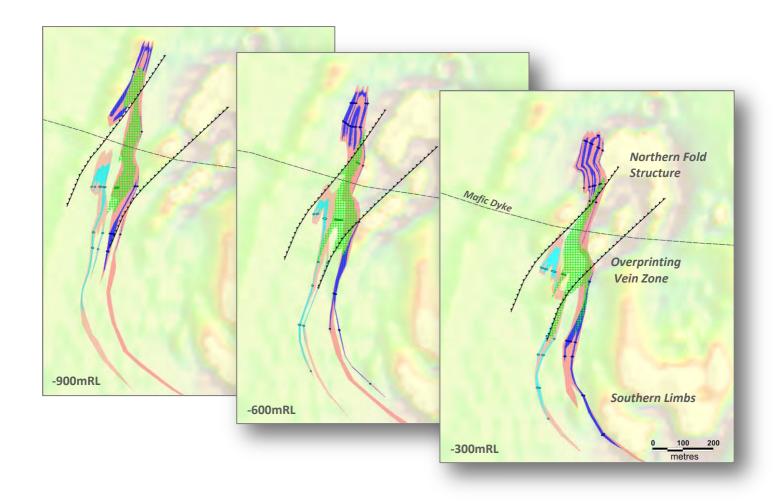
Over the quarter, Red Metal has been building a new geological model for the project by interpreting a series of cross sections and level plans covering the full extent of Maronan mineralisation. This model incorporates data from the northern fold structure, copper vein zone and southern limbs (Figures 2 and 3) and will aid assessment of the geologic and economic significance of the deposit.

Maronan mineralisation is hosted within a steeply dipping, soft carbonate rock bound by competent hanging wall and footwall metasedimentary rock units. The lead sulphides (galena) are recrystallized, medium to coarse grained and have a high silver tenor. These characteristics offer some potential mining and metallurgical advantages which are currently being assessed.

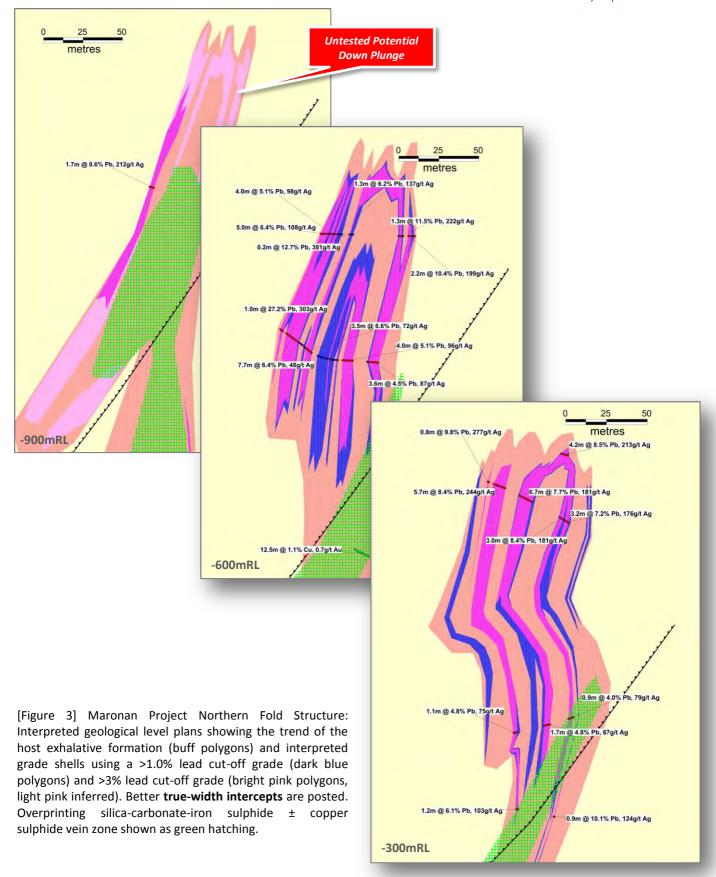
Metallurgical test work is being undertaken on a 70 kilogram composite sample of medium grade mineralisation from MRN14002. Tests include a bond ball mill work index test to provide quantified information on energy requirements for milling the ore and flotation test work to report grades and recoveries in a potential mine product. In addition, pre-beneficiation techniques are being trialed to see if the project economics can be enhanced by cheaply rejecting gangue material from the ore after the crushing circuit but ahead of the milling and floatation circuit. Results from this work are expected during the next quarter.

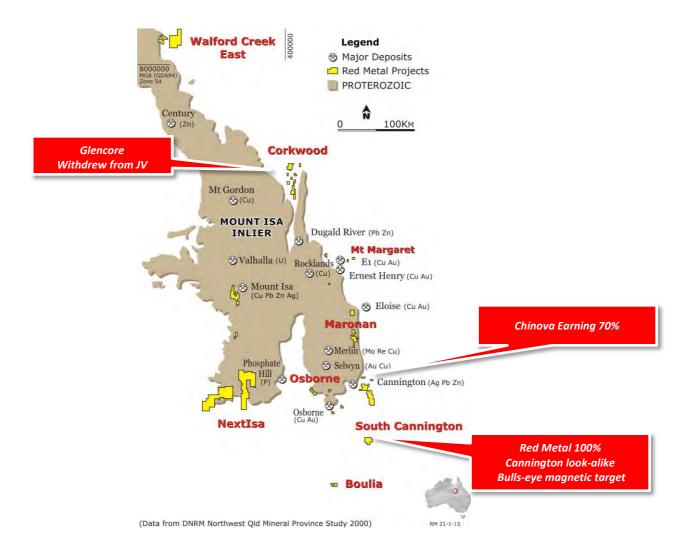


[Figure 1] Maronan Project: Drill hole location plan showing holes around the lead-sulphide mineralisation in MRN13002 (yellow). Drill holes MRN14001A, MRN14002, MRN14003, MRN14005, MRN14006 MRN14007 and MRN14008 evaluated the shallower ore potential around MRN13002. MRN14004 was the first deep test targeting the down plunge extension of the northern fold structure.



[Figure 2] Maronan Project: Interpreted geological level plans on magnetic image showing the trend of the host exhalative formation (buff polygons) and interpreted grade shells using a >1.0% lead equivalent cut-off grade (light blue upper mineralised horizons, dark blue lower mineralised horizons). Overprinting silica-carbonate-iron sulphide ± copper sulphide vein zone shown as green hatching.





[Figure 4] Mount Isa Inlier: Major deposits and Red Metal tenement locations.

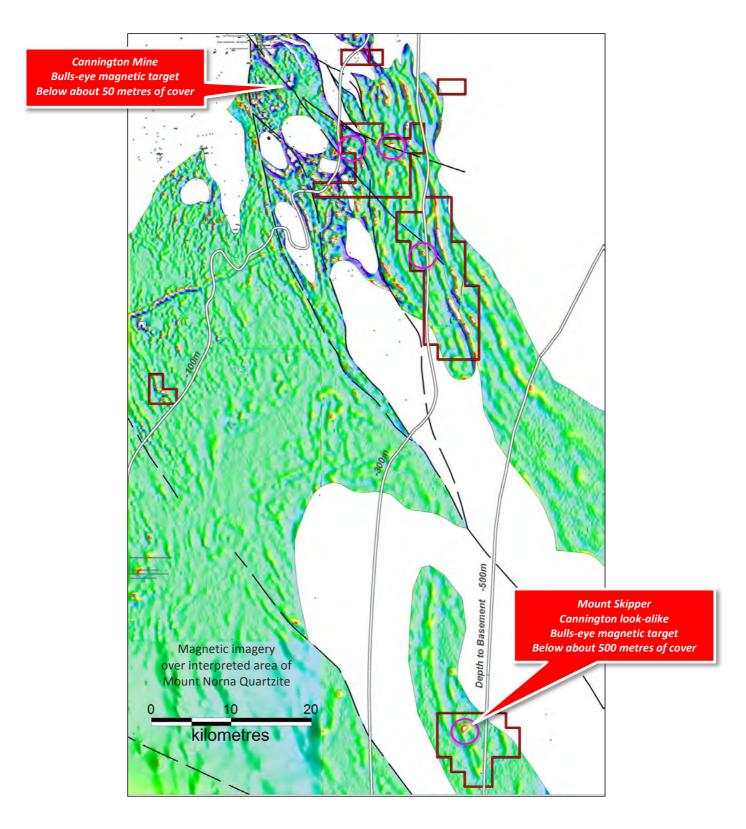
Corkwood Joint Venture - Copper-Gold

Joint venture partner Glencore withdrew from the Corkwood joint venture this quarter after spending over \$4.1 million on exploration over the last 5 years (Figure 4). Red Metal is reviewing the Glencore data and any remaining copper-gold target opportunities.

Cannington South - Silver-Lead-Zinc

This group of projects seeks giant silver-lead-zinc deposits in prospective sedimentary sequences tracked southwards from the nearby Cannington silver-lead-zinc mine (Figures 4 and 5) and draws upon a new geological and geophysical interpretation based on knowledge gained from Red Metal's drilling at Maronan.

A standout target from this interpretation is the Mount Skipper bulls-eye magnetic anomaly which is interpreted to have a comparable geological setting and geophysical response to that of the Cannington Mine and Maronan deposit (Figure 5). The Mount Skipper anomaly is located about 85 kilometres south of Cannington and remains untested by past exploration. Plans for first pass ground geophysics and possibly drilling during the 2015 season are progressing.



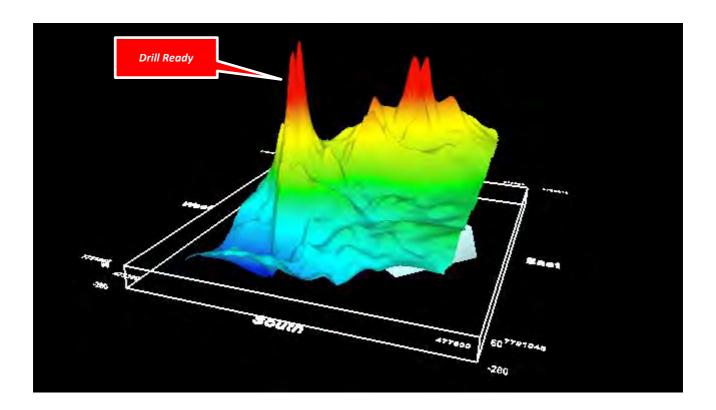
[Figure 5] Cannington South: Regional vertical gradient magnetic image for the interpreted region of Mount Norna Quartzite sequence, which hosts the Cannington deposit, with historic drill holes and Red Metal tenements. The Mount Skipper anomaly is interpreted to have a similar geological setting and geophysical response to that of the Cannington and Maronan deposits. This target remains untested by historic drilling. Plans for first pass ground geophysics and possibly drilling during the 2015 season are progressing.

TENNANT CREEK PROVINCE - NT

Tennant Creek Projects – Gold-Copper

The Tennant Creek Goldfield has produced over 5 million ounces of gold and 500,000 tonnes of copper to date and represents one of Australia's top five goldfields. High-grade deposits of copper and gold mineralisation are generally associated with magnetite and/or hematite bearing ironstones which have a strong magnetic and/or gravity response. One such ironstone at Metals X Limited's Rover 1 prospect has outlined a high-grade gold and copper resource containing the equivalent of over 1.2 million ounces of gold. Recent drill results from Rover 1 such as 20.9 metres at 14.5g/t gold and 6% copper further underline the geological potential of this terrain.

Last quarter, high resolution, helicopter-borne, magnetic survey grids were flown over six separate targets on Red Metal's project (Figure 6). Subsequent processing and modelling has identified three higher priority anomalies considered prospective for shallow, high-grade, gold and copper deposits comparable to those mined in the Tennant Creek mineral field. These targets are covered by a thin blanket of younger sedimentary sequences and remain untested by historic explorers or using modern techniques because of land access restrictions since about 1987. The three Tennant Creek style targets are drill-ready.



[Figure 6] Tennant Creek Projects: Three dimensional view of high resolution magnetic image over the Red 4 target highlighting strong bulls-eye magnetic anomalies (red peaks).

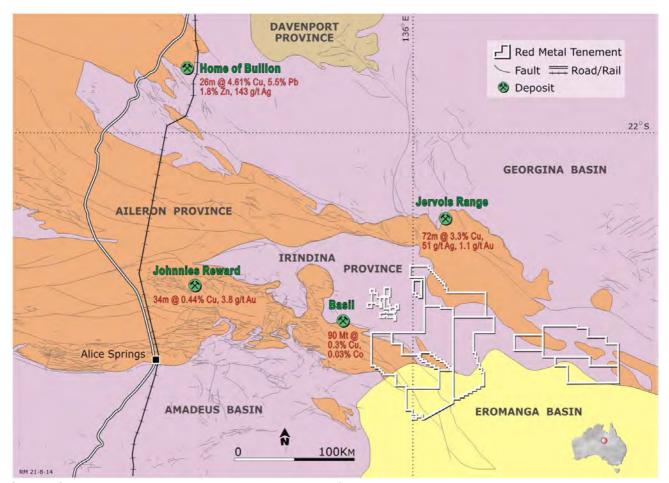
ARUNTA PROVINCE - NT

Irindina Project: Copper, Gold and Copper-Nickel

Terms for an access agreement were executed last year paving the way for grant of the exploration licenses and initiation of field work in 2015.

The Irindina project is located in the Eastern Arunta province (Figure 7) which is emerging as a highly prospective district for high-grade massive base metal sulphide deposits. Recent success from shallow drilling by KGL Resources Limited on their Jervois deposits and new research data by the Northern Territory Geological Survey reinforces this view. Small prospects of copper-nickel sulphide mineralisation hosted within mafic/ultramafic intrusive rocks also occur throughout this terrain and potential for larger deposits of this style are an attractive exploration target concept.

Red Metal's large tenement holding over this prospective base metal terrain is covered by a thin veneer of younger sedimentary cover sequences and remains largely unexplored using modern exploration techniques. Interpretation of the regional magnetic and gravity data and past exploration results has identified several priority target areas for ground based geophysical work in 2015. Heritage surveys in preparation for field work are planned next quarter.



[Figure 7] Irindina Project: Regional geological setting, significant known copper mineralisation in the belt and location of Red Metal's Irindina exploration tenements. Note the high-grade potential shown at Jervois, Home of Bullion and Johnnies Reward and the large tonnage potential of the Basil prospect. Red Metal speculates that large, base metal rich deposits may exist within the Irindina project.

COLORADO - USA

Colorado Potash Project

This quarter solution mining experts Agapito Associates Inc. completed a review of the potential for potash solution mining on the Colorado Project (Figure 8) providing Red Metal with broad parameters to guide exploration targeting.

Indications of multiple beds of probable potassium chloride (sylvite) over good widths and grades along the axis of the Dolores Anticline (Figure 9) and positive outcomes from the review by Agapito have reinforced the upside potential of this significant, previously untested, potash target concept.

Project economics for potash solution mining can potentially be improved by increases in the potash price, scaling the project upwards or more importantly, by increasing the well-field efficiency. Improved well-field efficiency can be achieved by solution mining thicker or higher grade intervals of sylvite from a single bed or solution mining multiple parallel sylvite beds from the one well head.

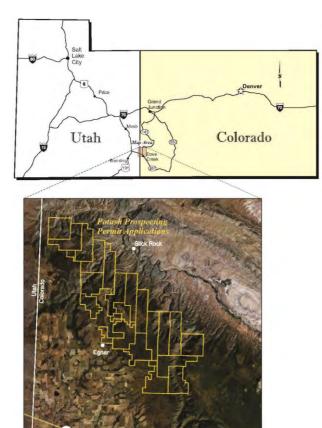
For the Colorado Potash Project, the review provides strong support for exploration to be focused towards regions with potential for thicker and higher grade sylvite in Potash 5 and in other parallel sylvite beds below Potash 5, such as Potash 9 or perhaps Potash 19 (Table 1).

The region surrounding the historic Reynolds Mining Corporation Egnar#1 oil well located along the broad axis of the Dolores Anticline meets the review's exploration criteria and is considered a high priority exploration target concept (Figure 9). Well logs from Egnar#1 show the cumulative bed thickness of probable sylvite is about 30 metres to 2410 metres depth. Equivalent potassium (eK2O%) grade estimates include:

- 6.7 metres from 1698 meters at 17% eK2O in Potash 5 (27% eKCl);
- 9.1 metres from 1934 metres at 10% eK2O in Potash 9 (16% eKCl);
- 14.6 metres from 2395 metres at 15% eK2O in Potash 19 (24% eKCl)

Red Metal will now open the project to joint venture investment from interested parties capable of drilling the proof of concept drill tests and potentially moving the project through to completion of a feasibility study.

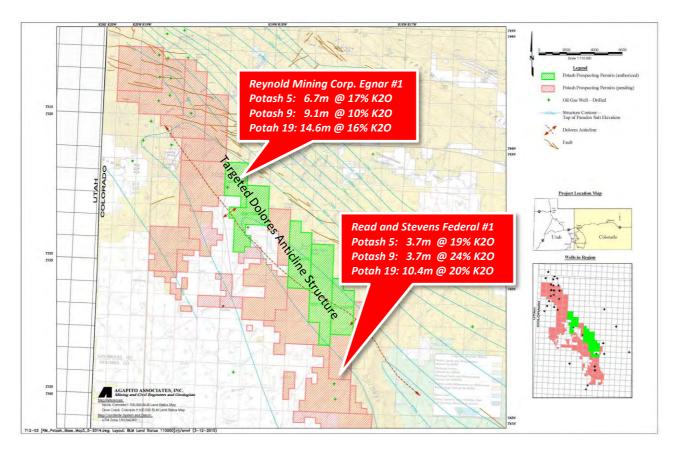
The potash Exploration Target discussed in this assessment (Table 1) are conceptual in nature and there has been insufficient exploration to define them as Mineral Resources, and, while reasonable potential may exist, it is uncertain whether further exploration will result in the determination of a Mineral Resource. The potash Exploration Targets for the Colorado Potash Project are not being reported as part of any Mineral Resource or Ore Reserve.



[Figure 8] Colorado Potash Project Location

[Table 1] Colorado Potash Project Exploration Target Estimate (refer to previous Red Metal ASX announcements dated 24 March 2010 and 31 March 2015)

Potash Bed	Parameter and Unit	Range Midpoint	Range		е
All	Total area (sq km)	129.8			
Potash 5	Average grade (% eK₂O)	16	13	_	19
	Average thickness (m)	4.3	3.5	-	5.2
	Average grade-thickness (% eK₂O·m)	71	57	_	86
	Tonnage (million tonnes)	1,170	940	_	1,410
Potash 6	Potash 6 Average grade (% eK ₂ O)		8	-	13
	Average thickness (m)		2.6	-	3.9
Average grade-thickness (% eK₂O·m)		42	34	-	50
	Tonnage (million tonnes)	890	710	_	1,070
Potash 9	Potash 9 Average grade (% eK ₂ O)		14	-	21
	Average thickness (m)	5.2	4.2	-	6.3
	Average grade-thickness (% eK₂O·m)	90	72	-	108
	Tonnage (million tonnes)	1,410	1,130 - 1,690		
Potash 19	Average grade (% eK₂O)	16	13	_	19
	Average thickness (m)	10.7	10.7 8.5 - 12.8		12.8
	Average grade-thickness (% eK ₂ O·m)	166	133 – 199		
	Tonnage (million tonnes)	2,890	2,310 - 3,470		3,470



[Figure 9] Colorado Potash Project: Title map showing grades and widths of multiple parallel sylvite horizons determined from geophysical logs in historic oil wells drilled along the broad crest of the Dolores Anticline structure. There has been no previous potash directed exploration in this area. Proof of concept drill tests are proposed into the target horizons at the crest of the broad Dolores Anticline – here the target horizons are generally thicker, higher grade and shallower than elsewhere in the region.

OTHER PROJECTS

Red Metal continues to rationalize its exploration portfolio concentrating on its highest priority base metal targets. Key projects are briefly summarised below in Table 2.

[Table 2] Red Metal Limited: other key projects.

Project	Description	Status
QUEENSLAND		
<u>Nextisa</u> Cu Ag-Pb-Zn	Targeting Isa-type copper and stratabound lead-zinc in potential shale basins interpreted along the southward extensions to the Mount Isa fault. AMT surveying being used to map prospective conductive stratigraphy.	Government funded regional AMT survey in progress.
Walford Creek East Cu-Pb-Zn	Targeting Isa-type copper and stratabound lead-zinc and silver east from significant base metal mineralisation on the historic Walford Creek project. Airborne electromagnetic conductors located adjacent to major transfer faults have been identified.	Ground based follow-up of significant AEM targets dependent upon obtaining site access.
Sandy Creek JV Osborne Group Cu-Au	Series of geophysical and structural IOCG targets within trucking distance of the Osborne operation.	Chinova funded
NORTHERN TERRITORY		
Mallapunyah Cu-Pb-Zn-Ag	Prospective sedimentary sequences in McArthur Basin with district scale silver anomalism.	Land access negotiation underway.
SOUTH AUSTRALIA		
Pernatty Lagoon JV Cu-Au	Standout magnetic/gravity targets near Carrapeteena deposit in the Gawler Craton. Extensive sericite, tourmaline, siderite, garnet, chlorite alteration. Magnetite-siderite-hematite copper association.	Drill ready targets model at 500m, 1000m and 1600m depth range.
Algebuckina Cu-Au	Magnetite-associated copper-gold potential in Gawler Craton, Prospective magnetic targets defined under shallow cover.	Drill ready, seeking third party funding.
<u>Callabonna JV</u> Cu-Au	Large known hydrothermal magnetite breccias, nearby low- magnetic, high-gravity anomalies indicative of possible copper-bearing, hematitic breccia phases are being assessed	Three drill-ready targets modelled at 500-600m depths
Ooldea-Barton JV Zircon, Titanium	Joint venture with Cristal Mining Australia Limited. Large tonnage, low-grade heavy mineral sand deposit discovered in Eucla Basin near Iluka's Ambrosia zircon mine.	Drilling postponed until mid-2015

For further information concerning Red Metal's operations and plans for the future please refer to the recently updated web site or contact Rob Rutherford, Managing Director at:

Phone +61 (0)2 9281-1805 Fax +61 (0)2 9281-5747 www.redmetal.com.au

Rob Rutherford Managing Director Russell Barwick Chairman

The information in this report that relates to the Maronan Project was previously reported by the Company in compliance with JORC 2012 in market releases dated 28 January 2014, 21 November 2014 and 3 Febrary 2015. The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements dated 28 January 2014, 21 November 2014 and 3 February 2015.

The information in this report that relates to the Colorado Potash Project was previously reported by the Company in compliance with JORC 2012 in market releases dated 31 March 2015. The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcement dated 31 March 2015.

The information reported above (other than in respect of the Maronan Project and Colorado Potash Project) relating to Exploration Results was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The information in this report that relates to Exploration Results (other than in respect of the Maronan Project and Colorado Potash Project) is based on, and fairly represents, information and supporting documentation compiled by Mr Robert Rutherford, who is a member of the Australian Institute of Geoscientists (AIG). Mr Rutherford is the Managing Director of the Company. Mr Rutherford 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 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Rutherford consents to the form and context in which the Exploration Results and supporting information are presented in this report.

All mineralised intervals have been length weighted. No top-cuts have been applied. A nominal 1% lead and 0.5% copper lower cut-off grade is applied.

ADDENDUM TO MARCH 2015 QUARTERLY ACTIVITIES REPORT

Granted Exploration tenements held are as follows:

Project / Location	Tenement Reference	Company Interest %	
Western Isa	EPM 12653	100	
Cannington South	EPMs 19230, 19232, 19531,	100	
Osborne	EPMs 17111, 19076	100	
Chinova JV	EPMs 15385, 16251, 18303, 13318, 13321	100	Refer note 5.
Nextisa	EPMs 25430, 25461, 25363, 25513	100	
Maronan	EPM 13368	100	
Corkwood JV	EPMs 13376, 13380, 15632, 15643, 15644, 15633, 18179	100	Refer note 4.
Corkwood	EPM 18709	100	
Cloncurry	EPMs 14293, 16519, 18164	100	
Walford Creek	EPM 18182	100	
Ooldea JV	ELs 5492, 4777,	100	Refer note 3.
Algebuckina	ELs 4481, 5404	100	
Callabonna JV	EL 5360	-	Refer note 1.
Pernatty Lagoon JV	EL 5107	85.1	Refer note 2.
Lakes Project	ELs 4614	100	
Tennant Creek	ELs 24009, 24145, 24259	100	
Irindina	ELs 27090, 27264, 27265, 27267, 30756	100	
Colorado Potash	Potash Prospecting Permits COC 73567, 73569, 73572, 73574, 73576	100	_

Notes:

- 1. Joint venture between Red Metal (earning 70%) and PlatSearch NL (diluting to 30%). No change in interest during the auarter.
- 2. Joint venture between Red Metal (85.1%) and Havilah Resources NL (14.9%). No change in interest during the quarter.
- 3. Joint venture between Red Metal (diluting to 49%) and Cristal Mining Australia Limited (earning 51%). No change in interest during the guarter.
- 4. Glencore withdrew from the Corkwood joint venture this quarter.
- 5. Joint venture between Red Metal (diluting to 30%) and Chinova Resources Osborne Pty Ltd (earning 70%). No change in interest during the quarter.

Rule 5.3

Appendix 5B

Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001, 01/06/10.

Name of entity	
RED METAL LIMITED	
ABN	Quarter ended ("current quarter")
34 103 367 684	31 March 2015

Consolidated statement of cash flows

		Current quarter	Year to date (9
Cash f	lows related to operating activities	\$A'000	months) \$A'000
1.1	Receipts from product sales and related debtors		
1.2	Payments for (a) exploration & evaluation (b) development (c) production	(945)	(2,911)
	(d) administration	(104)	(319)
1.3	Dividends received		
1.4	Interest and other items of a similar nature received	9	96
1.5	Interest and other costs of finance paid		
1.6	Other	2	10
		(1,038)	(3,124)
	Net Operating Cash Flows		
1.0	Cash flows related to investing activities		
1.8	Payment for purchases of: (a) prospects		
	(b) equity investments		
1.9	(c) other fixed assets Proceeds from sale of: (a) prospects		
1.9	Proceeds from sale of: (a) prospects (b) equity investments		
	(c) other fixed assets		
1.10 Loans to other entities			
1.11	Loans repaid by other entities		
1.12 Other (provide details if material)			
	4		
	Net investing cash flows		
1.13 Total operating and investing cash flows (carried forward)		(1,038)	(3,124)

30/9/2001 Appendix 5B Page 1

⁺ See chapter 19 for defined terms.

1.13	Total operating and investing cash flows (brought forward)	(1,038)	(3,124)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	-	5,100
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings		
1.17	Repayment of borrowings		
1.18	Dividends paid		
1.19	Other (costs)	-	(318)
	Net financing cash flows	-	4,782
		(1,038)	1,658
	Net increase (decrease) in cash held		
1.20 1.21	Cash at beginning of quarter/year to date Exchange rate adjustments to item 1.20	4,370	1,674
1.22	Cash at end of quarter	3,332	3,332

Payments to directors of the entity and associates of the directors

Payments to related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	78
1.24	Aggregate amount of loans to the parties included in item 1.10	

1 25	Evalenation	necessary for an	understanding	of the	trangactions

Directors rem	uneration			

Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

Not Applicable

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

Chinova Resources incurred expenditure totalling approximately \$77,000 in the three months to March 2015 in respect of the Emu Creek Joint Venture.

Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities	Nil	Nil
3.2	Credit standby arrangements	Nil	Nil

⁺ See chapter 19 for defined terms.

Appendix 5B Page 2 30/9/2001

Estimated cash outflows for next quarter

	Total	400
4.4	Administration	100
4.3	Production	-
4.2	Development	-
4.1	Exploration and evaluation	\$A'000 300

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.		Current quarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	32	870
5.2	Deposits at call	3,300	3,500
5.3	Bank overdraft		
5.4	Other (provide details)		
	Total: cash at end of quarter (item 1.22)	3,332	4,370

Changes in interests in mining tenements

- 6.1 Interests in mining tenements relinquished, reduced or lapsed
- 6.2 Interests in mining tenements acquired or increased

EPM18178, EPM19315, EPM17111, EL27389, EL27407.	Nature of interest (note (2)) Granted tenements	Interest at beginning of quarter 100	Interest at end of quarter 0
EL27090, EL27264, EL27265, EL27267, EL30756.	Granted tenements	0	100

30/9/2001 Appendix 5B Page 3

⁺ See chapter 19 for defined terms.

Issued and quoted securities at end of current quarterDescription includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	Preference +securities (description)				
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital				
7.3	⁺ Ordinary securities	174,771,919	174,771,919		
7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital				-
7.5	⁺ Convertible debt securities				
7.6	(description) Changes during quarter (a) Increases through issues (b) Decreases				
7.7	Options (description and conversion factor)	1,475,000 1,200,000 1,125,000 2,000,000	-	Exercise Price 33 cents 33 cents 16 cents 16 cents	Expiry Date 30.11.2015 31.1.2016 01.10.2016 19.11.2016
7.8	Issued during quarter			30 20330	
7.9	Exercised during quarter				
7.10	Expired during quarter	1,325,000	-	18 cents	23.01.2015
7.11	Debentures (totals only)				
7.12	Unsecured notes (totals only)				

Compliance statement

Appendix 5B Page 4 30/9/2001

⁺ See chapter 19 for defined terms.

- This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- This statement does give a true and fair view of the matters disclosed.

Sign here:		Date:	April 2015
	(Company secretary)		

Print name: PATRICK FLINT

Notes

- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- The definitions in, and provisions of, AASB 1022: Accounting for Extractive Industries and AASB 1026: Statement of Cash Flows apply to this report.
- Accounting Standards ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

== == == == ==

30/9/2001 Appendix 5B Page 5

⁺ See chapter 19 for defined terms.