



## Redbank Copper Limited

**Redbank Copper**  
**ASX: RCP**

**ASX Announcement**  
**29 January 2016**

**Shares on Issue**  
2,339,430,263

**Current Share Price**  
A\$ 0.001

**Market Capitalisation**  
\$2.34M (based on  
A\$0.001)

**Cash at 31/12/15**  
A\$0 million

**Board of Directors**

Mr Michael Fotios  
*Executive Chairman*

Mr Craig Readhead  
*Non-executive Director*

Mr Damian Delaney  
*Non-executive Director*

**Company Secretary**  
Ms Shannon Coates

**Contact Details**  
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**Projects**

Redbank Copper  
Project

# Activities Report for the Quarter ending 31 December 2015

## HIGHLIGHTS

- Mine Management Plan submitted to NT Department of Mines and Energy for 2016 field season, including multiple new priority drilling targets on ERL94.
- Deep diamond drilling of Sandy Flat and Bluff deposits postponed with early onset of wet season and road closures, now planned to commence in second quarter 2016.
- Comprehensive regional compilation complete; regional target prioritisation and planning underway.
- \$750,000 expected during the March 2016 quarter from the Australian Taxation Office for 2013 and 2014 R&D applications.

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**Redbank Copper Limited (ASX: RCP)** provides the following review of activities for the quarter ended 31 December 2015.

## EXPLORATION & OPERATIONS

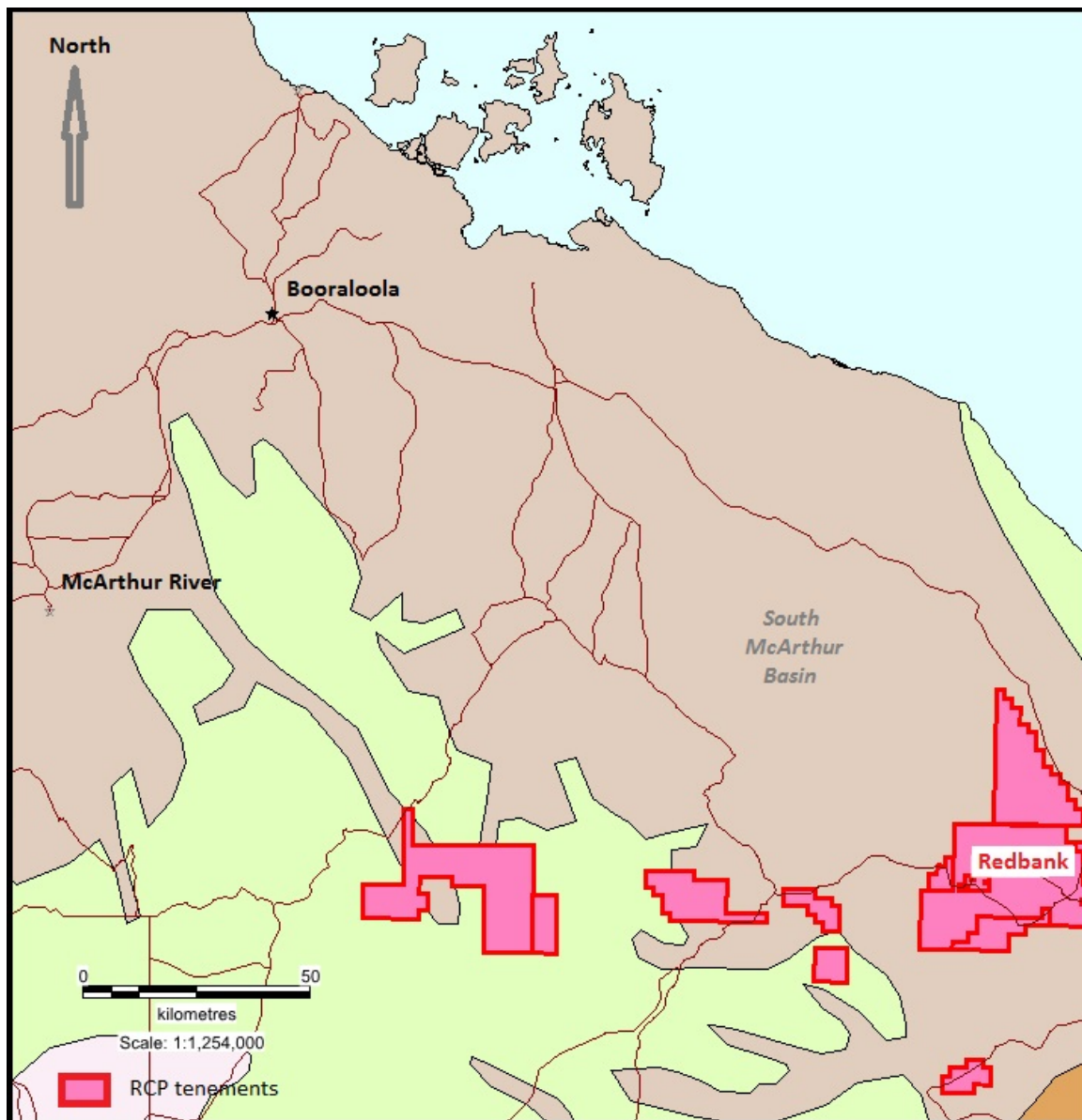
The Company holds 1,669 km<sup>2</sup> of granted tenure within the South McArthur River Basin in the Northern Territory (see Figure 1) that it considers prospective for copper and other base metal mineralisation. Known copper mineralisation at the historic mining centre of Redbank is hosted by multiple occurrences of steeply-dipping brecciated zones forming cylindrical 'pipes' of up to and over 100m in diameter, and drilled to depths of approximately 300m at certain deposits.

The Redbank project area currently contains an indicated and inferred resource of some 96,000 tonnes of copper, from an inventory of 6.2Mt of ore averaging 1.5% Cu (refer 2011 Annual Report released to ASX on 27 October 2011 and Prospectus released to ASX 13 February 2013).



Open cut mining and processing of sulphide copper ore was undertaken briefly between 1994 and 1996 at the Sandy Flat mine (Figure 2), with the concentrate transported to Mt Isa for smelting. High grade (>5% average) copper oxide ore from the mine was stockpiled and later treated via vat leaching. Smaller-scale mining also occurred at the Redbank, Azurite and Prince prospects between 1916 and 1960. The site is currently on care and maintenance.

The Company has identified significant additional targets within the immediate Exploration Licence for Retention (ERL94) containing the copper resources, and the surrounding exploration lease (EL10335) also contains numerous identified targets for drilling. The Company's focus is to define sufficient sulphide resources to warrant the initiation of a feasibility study to investigate the scale and viability of future mining and processing operations.



**Figure 1. Redbank tenure (set against Regional Tectonic units and locations).**





## **REDBANK**

The Company has postponed exploration activities at the Redbank Project with the early onset of the wet season and subsequent road closures; this unfortunately includes the planned deep drilling of Bluff and Sandy Flat proposed for late 2015 as discussed in the previously released quarterly activities report. The Company now plans to commence these activities in the second quarter of 2016.

### **2016 Planned Deep Drilling**

The targeting of the depth extensions of Bluff and Sandy Flat breccia pipes is designed to test for significant additional copper resources at both deposits. Both resources are currently drilled to around 250 to 300m below surface, with most of the chalcopyrite mineralisation infilling the breccia matrix, mostly hosted within the trachytes of the flat-lying Gold Creek Volcanics unit, with the lower-most 50m-100m hosted in the sub-horizontal Wollogorang Formation, consisting of mostly dolomitic sediments. Higher grade mineralisation within the breccia pipe is observed at and below the lithology boundary of the two units, and is open at depth.

The planned drilling will test mineralisation tenor into the lower Wollogorang, where the sediments are generally more organic rich, and likely contribute to a more reducing local environment, which is desirable for the precipitation of copper sulfides from the mineralising fluids. The drilling is also designed to test the Settlement Creek Dolerite contact and unit for mineral potential in the immediate vicinity of the breccia pipes

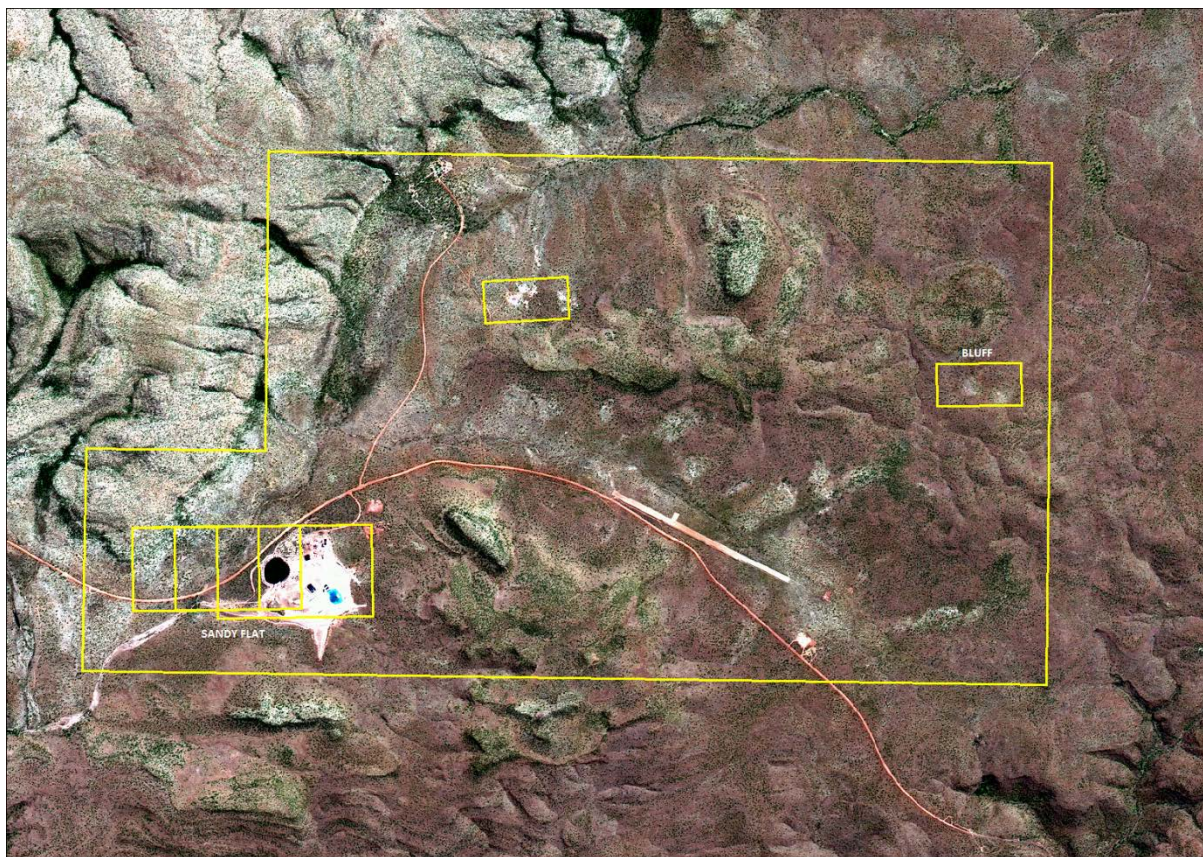


Figure 2. Redbank tenement ELR94 (yellow, including current mine leases) with Bluff and Sandy Flat areas named.



A single Reverse Circulation (RC) pre-collared diamond hole of around 500m length is planned at each deposit; with a deeper hole (around 600m depth) at each deposit contingent on outcomes from the previous hole. The planned drilling at Bluff and Sandy Flat targets depth extensions to the resource at approximately 100m vertical intervals, and therefore has the potential to identify significant additional copper mineralisation outside the current resource inventory.

### **2016 Planned Project Drilling**

Review of project data on the main tenement hosting the currently defined copper resources (ELR94) by geological personnel with a history of discovery on the tenure have highlighted a number of priority targets for drilling in the next field season, which have also been included for proposed drilling in the Redbank Mine Management Plan (MMP), submitted to the NT Department of Mines and Energy (DME) for 2016.

Targets were derived from an assessment of geochemistry, drilling and gravity data, and around 4,000m of drilling is proposed to test 11 targets, at Charlie, Bridges, White, Ridgeback, Chauvel, Yarrowa, South Quartzite, Locus, Dull Knife, Punchcup and Kerslake (refer Figure 3). These targets are considered to have a high likelihood of delivering drill intercepts of sulphide mineralisation from a central breccia core.

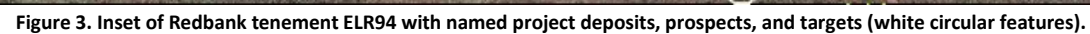
Targets requiring additional work include zones proximal to Camp Valley, Roman Nose and Punchbowl where cross structures close to the main Redbank-Bluff Trend are to be examined. Extensions to the Redbank-Bluff trend remain a focus for ongoing exploration, both immediately east of ELR94; and in targets identified to the west of the trend as it goes under around 50m of unconformable cover.

An additional RC hole of around 200m is planned to test a depth extension to the shallow (approximately 70m) Prince resource, which is open at depth; and also has the potential to significantly increase the resource inventory.

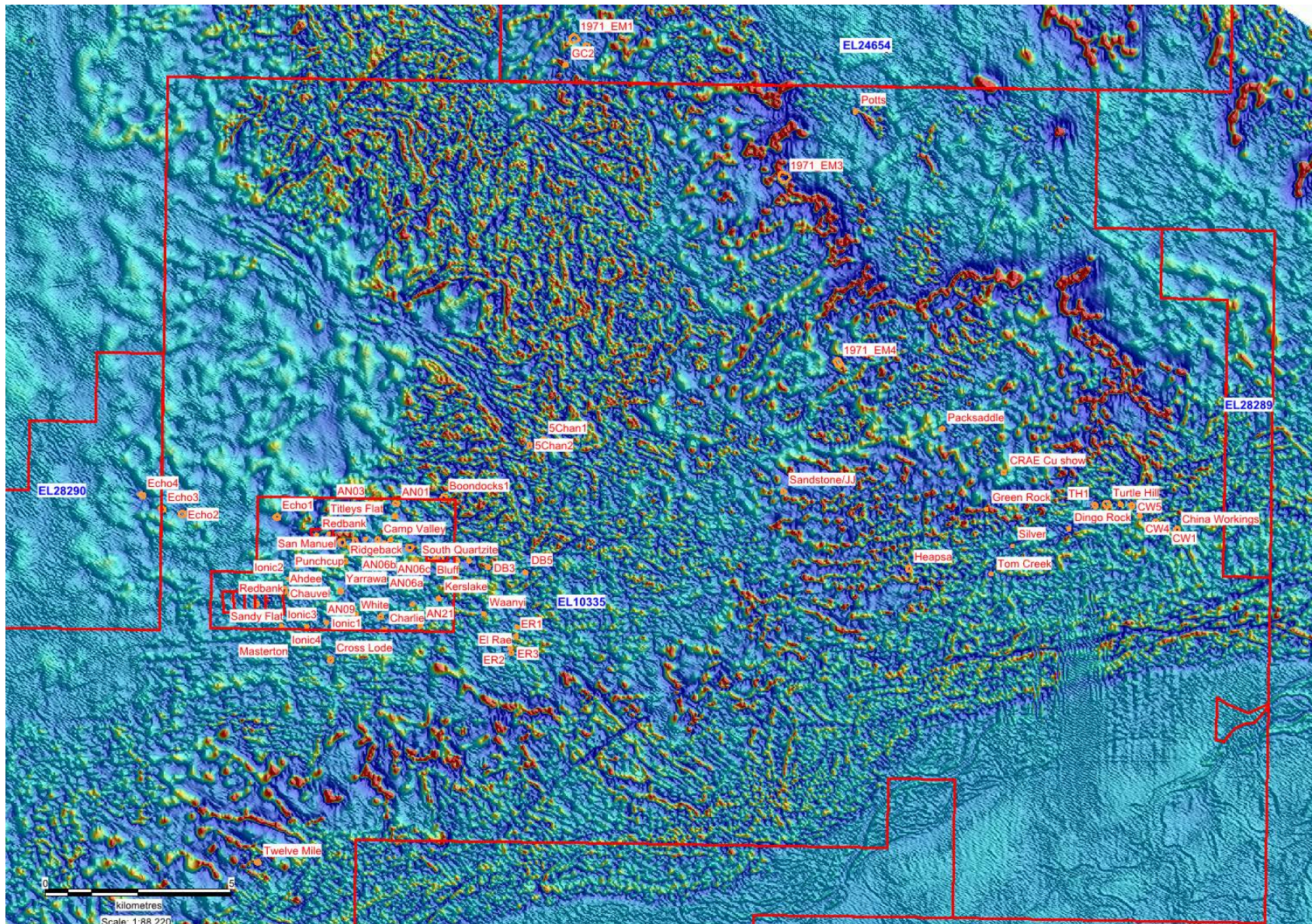
### **Regional Exploration**

The regional area surrounding ELR94 primarily consists of the Wollogorang (EL10335) and Copperado (EL24654) tenements, which contain numerous copper showings and mapped breccia pipes, most of which remain undrilled. The comprehensive regional compilation is now considered complete and regional target prioritisation and planning is underway for the next field season.









**Figure 4. Named Regional Targets overlain on regional aeromagnetics**





## **SANDY FLAT MINESITE**

During the quarter, the Company continued to develop and refine a plan for the treatment of water within the Sandy Flat open pit as well as, rehabilitation and monitoring of the surrounding mine site.

## **CORPORATE**

The Company awaits receipt of a minimum of \$750,000 during the March 2016 quarter from the Australian Taxation Office from its 2013 and 2014 R&D applications. In the interim, the Board continues to work on capital raising initiatives that will fund exploration and development on the Company's tenements.

### **For more information:**

Michael Fotios  
Executive Chairman  
Tel: +61 8 6241 1888

Shannon Coates  
Company Secretary  
Tel: + 61 8 9322 1587

### **Competent Person Statement**

*The information in this report that relates to Exploration Results is based on, and fairly represents, information and supporting documentation compiled by Mr Bruce Armstrong, an employee of Redbank Copper Ltd. Mr Armstrong is a member of the Australasian Institute of Geoscientists, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). The Company confirms that the form and context in which the information is presented has not been materially modified and it is not aware of any new information or data that materially affects the information included in the relevant market announcements, as detailed in the body of this announcement.*

*The information in this report relating to the Mineral Resource was compiled by Mr Phil Jankowski, who is a full time employee of geological consultants Baltica Consulting and a member of the Australasian Institute of Mining and Metallurgy ("AusIMM"). Mr Jankowski 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 and 2012 Editions of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. The Company confirms that the form and context in which the information is presented has not been materially modified and it is not aware of any new information or data that materially affects the information included in the relevant market announcements, as detailed in the body of this announcement. All material assumptions and technical parameters underpinning the Mineral Resource estimates continue to apply and have not materially changed.*



## Tenement Schedule: ASX Listing Rule 5.3.3

Mining tenements held at the end of the quarter and their location.

TENEMENT No.	LOCATION	INTEREST %	HOLDER
EL10335	NT	100	Gulf Copper Pty Ltd <sup>1</sup>
EL24654	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL26778	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL26779	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL26780	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL26781	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL27240	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL27241	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL27737	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28003	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28288	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28289	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28290	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28487	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
EL28535	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
ELR94	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN1108	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN631	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN632	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN633	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN634	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN635	NT	100	Redbank Operations Pty Ltd <sup>2</sup>
MLN636	NT	100	Redbank Operations Pty Ltd <sup>2</sup>

**Note 1:** Pursuant to the 'Agreement for Sale Of Tenement and Termination of Joint Venture' executed on 24 September 2014 between Redbank and Gulf Minerals Corporation Ltd; Redbank's wholly owned subsidiary Redbank Operations Pty Ltd has taken its interest in EL10335 to 100%. The Agreement is conditional on obtaining all necessary government consents and approvals.

**Note 2.** Redbank Operations Pty Ltd is a wholly owned subsidiary of Redbank Coper Ltd.

**The mining tenements acquired and disposed of during the quarter and their location.**

No tenements were acquired or disposed of during the quarter.

**Beneficial percentage interests held in farm-in or farm-out agreements at the end of the quarter.**

Nil.

**Beneficial percentage interests in farm-in or farm-out agreements acquired or disposed of during the quarter.**

Nil.



# Appendix 5B

## Mining exploration entity quarterly report

Name of entity

REDBANK COPPER LIMITED

ABN

66 059 326 519

Quarter ended ("current quarter")

31 December 2015

### Consolidated statement of cash flows

Cash flows related to operating activities		Current quarter \$A'000	Year to date (6 months) \$A'000
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for:		
	(a) exploration and evaluation	(48)	(87)
	(b) development	-	-
	(c) administration	(20)	(64)
	(d) Site care and maintenance costs	(11)	(249)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	3	3
1.5	Interest and other costs of finance paid	-	(1)
1.6	Income taxes paid	-	-
1.7	Other - R&D rebate received	-	-
<b>Net operating cash flows</b>		<b>(76)</b>	<b>(398)</b>
Cash flows related to investing activities			
1.8	Payment for :		
	(a) prospects	-	-
	(b) investments	-	-
	(c) other fixed assets	-	(2)
1.9	Proceeds from sale of:		
	(a) prospects	-	-
	(b) other fixed assets	-	-
	(c) equity investments	-	-
1.10	Loans from/to other entities	76	243
1.11	Refund of tenement bonds	-	-
1.12	Payment for security deposits	-	-
<b>Net investing cash flows</b>		<b>76</b>	<b>241</b>
1.13	Total operating and investing cash flows (carried forward)	-	<b>(157)</b>

1.13	Total operating and investing cash flows (brought forward)	-	(157)
<b>Cash flows related to financing activities</b>			
1.14	Proceeds from issues of shares, options, etc.	-	-
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 - share issue expenses	-	-
<b>Net financing cash flows</b>		-	-
<b>Net increase (decrease) in cash held</b>		-	(157)
1.20	Cash at beginning of quarter/year to date	(19)	138
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	<b>Cash at end of quarter</b>	<b>(19)</b>	<b>(19)</b>

### Payments to directors, associates of the directors, related entities and associates of the related entities

	Current quarter \$A'000
1.23 Aggregate amount of payments to the parties included in item 1.2	-
1.24 Aggregate amount of loans to the parties included in item 1.10	-
1.25 Explanation necessary for an understanding of the transactions	
All transactions involving Directors and associates were on normal commercial terms.	

### 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

N/A

- 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

N/A

### 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	-	-
3.2 Credit standby arrangements	-	-



### Estimated cash outflows for next quarter

	\$A'000
4.1 Exploration and evaluation	50
4.2 Development	-
4.3 Production	-
4.4 Corporate administration	25
4.4 Site care and maintenance	25
<b>Total</b>	<b>100</b>

### 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	(19)	(19)
5.2 Deposits at call	-	-
5.3 Bank overdraft	-	-
5.4 Other	-	-
<b>Total: cash at end of quarter</b> (item 1.22)	<b>(19)</b>	<b>(19)</b>

### Changes in interests in mining tenements

	Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1 Interests in mining tenements relinquished, reduced or lapsed	Nil			
6.2 Interests in mining tenements acquired or increased	Nil			

## Issued and quoted securities at end of current quarter

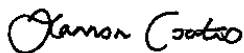
Description includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	<b>Preference securities</b> (description)				
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions				
7.3	<b>+Ordinary securities</b>	2,339,430,263	2,339,430,263		
7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, share buy-backs				
7.5	<b>+Convertible debt securities</b> Convertible notes convertible to 1 ordinary share per note maturing 30 Jul 2014				
7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7	<b>Options</b> (description and conversion factor)				
7.8	Issued during quarter				
7.9	Exercised during quarter				
7.10	Decrease during the quarter - lapsed				
7.11	<b>Debentures</b> (totals only)				
7.12	<b>Unsecured notes</b> (totals only)				



## Compliance statement

- 1 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).
- 2 This statement does give a true and fair view of the matters disclosed.



Sign here: .....  
(Company secretary)

Date: 29 January 2016

Print name: Shannon Coates

## Notes

- 1 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.
- 2 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.
- 4 The definitions in, and provisions of, *AASB 1022: Accounting for Extractive Industries* and *AASB 1026: Statement of Cash Flows* apply to this report.
- 5 **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.

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