



#### **ACTIVITIES FOR THE QUARTER ENDED 30 JUNE 2015**

#### **Graphite Highlights (Mozambique)**

- Drilling commenced at Montepuez Graphite Project to define maiden JORC resource
- High grade graphite intersections confirmed at laboratory for Montepuez Central Graphite Project
- Mineral Petrology confirms abundant large to jumbo flake size
- Drilling continues at three prospects (Elephant, Buffalo and Lion)
- High quality graphene produced via a commercially scalable process from Company graphite

#### Zinc Highlights (Gabon)

- Outstanding high-grade lead-zinc results confirmed at Kroussou Project
- Mineral Petrology confirms lead and zinc mineralogy and encouraging indicators for beneficiation

#### **Operations**

#### Mozambique

The Company was pleased to announce during the quarter that high grade graphite mineralisation was intersected during its ongoing resource definition drilling program at the Montepuez Central Graphite Project in the world class Cabo Delgado graphite province of Mozambique in East Africa.

Drilling has confirmed three mineralised prospects within the project – Buffalo, Elephant and Lion, and laboratory results at Buffalo Prospect have returned high grade graphite from surface to 50m @ 9.86% TGC

and 0.11V. Mineralisation is open and visible at depth at the Buffalo Prospect.

Drilling at Elephant Prospect has identified visual high grade graphite estimated at 5% - 15% TGC from 8.7m – 93.0m.

Each prospect hosts different mineralisation characteristics allowing potential for multiple graphite products and end uses. Flake size is generally large with spectacular jumbo flakes observed at current Elephant Prospect drilling. Drilling is scheduled to be completed in late August with a Maiden JORC Resource Estimate planned to follow.

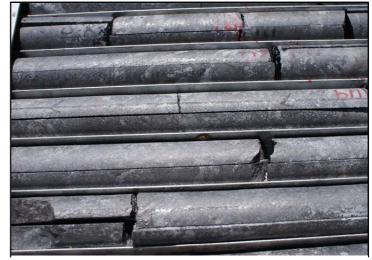


Figure 1: Photograph of high grade mineralisation - Buffalo Prospect

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The Company continued with its research and development and programs during the June 2015 quarter, and subsequent to the end of the quarter announced that it had successfully produced Graphene Oxide (GO) and graphene from graphite at MTA's 100% owned Montepuez Central Project in Mozambique. Three processes were tested with the thermal method, a simple process that is scalable, producing the best results from the Company's samples. The quality of MTA's prepared graphene is comparable with synthetic graphene. This graphene test-work is part of the Company's ongoing graphite evaluation which includes lab analysis, petrology and metallurgy. The ability to produce a quality graphene product further enhances the potential of MTA's Montepuez Central Project as a high value asset.

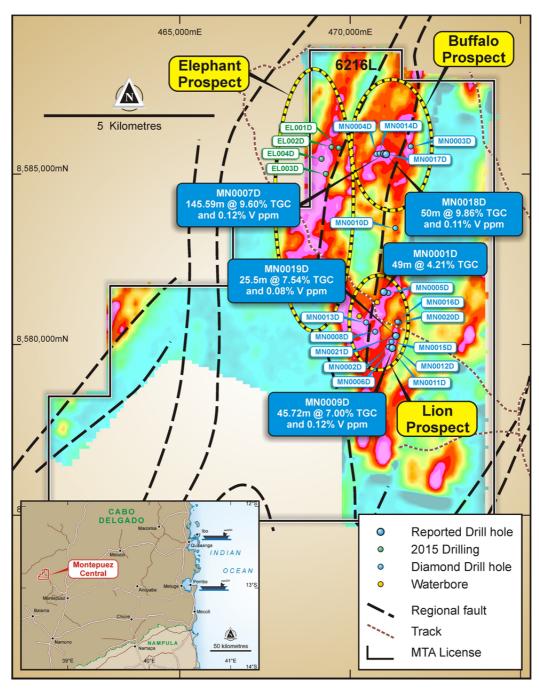


Figure 2: Drill hole collar location plan shown over VTEM data displaying lab results received to date

#### Gabon

During the quarter the Company announced outstanding high grade zinc and lead laboratory grades from its ongoing exploration program at the Kroussou Project in Gabon.

Grades of up to 9.69% Zinc and 33.10% Lead with elevated copper and silver were returned from the first batch of rock samples taken from a rock chip sampling program of surface outcrop at the project in October 2014.

These results are significant and are the highest known zinc and lead grades ever reported in Gabon.

The Company has also discovered additional outcropping zinc and lead prospects, over a distance of more than 50km, and laboratory assay results for samples from this work are expected to be available in May 2015.

The laboratory results confirm that the Kroussou Project is a highly prospective zinc-lead mineralised system. The rocks were sourced from outcrops at the Kroussou and Dikaki prospects which outcrop for 3km and 1km respectively.

The flat lying mineralised beds range in thickness with outcrops observed up to 5m thick.

	Laboratory Analysis				
Prospect	Sample ID	Pb %	Zn %	Cu ppm	
Kroussou	ml028	33.10	0.10	489	
Kroussou	ml029a	29.90	0.05	<b>3</b> 63	
Kroussou	ml029b	27.00	0.41	885	
Kroussou	ml029c	23.20	<b>4.</b> 70	382	
Kroussou	ml054	0.77	6.40	<10	
Dikaki	ml386	1.20	<b>4.</b> 80	184	
Dikaki	ml388	0.01	0.94	26	
Dikaki	ml390	0.01	0.86	39	
Kroussou	ml418	1.90	5.30	97	
Kroussou	ml432	2.30	9.69	12	

Table 1. Laboratory results for Pb, Zn and Cu for rock samples taken from Kroussou and Dikaki prospects

Mineral petrology study, comprising thin section work of eight Kroussou rock samples shows significant sulphide mineralogy, dominated by low iron sphalerite (zinc), galena (lead) as well as associated copper sulphide minerals such as chalcopyrite. Based only on early stage petrology of the lead and zinc minerals, the Company is of the view that a simple beneficiation process may be possible resulting in an anticipated high value concentrate product.

#### **Recent works program**

Metals of Africa completed a detailed mapping program at the Kroussou Project. The mapping program has targeted identification of the Cretaceous geological contact over the 85km length of the Kroussou license. It aimed at identifying additional prospective zinc-lead mineralised prospects within the project area, and to provide an indication of zinc-lead grades where outcropping for historically defined prospects shown in figure 3. Additional mineralisation prospects have been confirmed over a distance spanning more than 50km, along strike of the Dikaki prospect, and will be reported on in due course.

Please refer over page for maps providing further detail on the project.

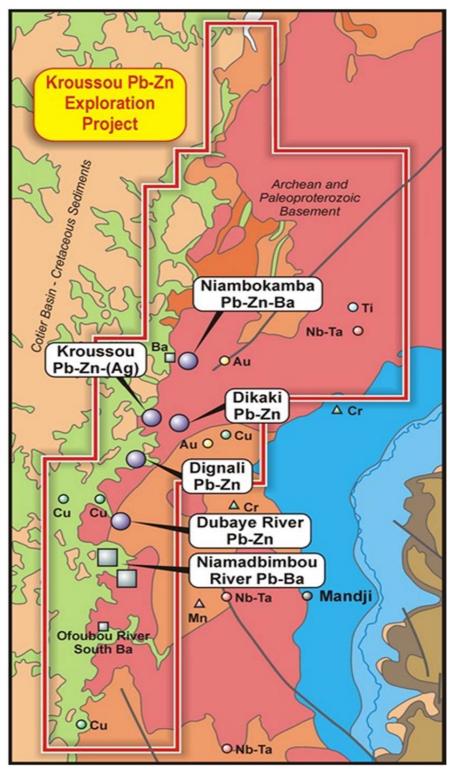


Figure 3. Kroussou basic geology map. Reported rock samples are from the Kroussou-Dikaki prospects.

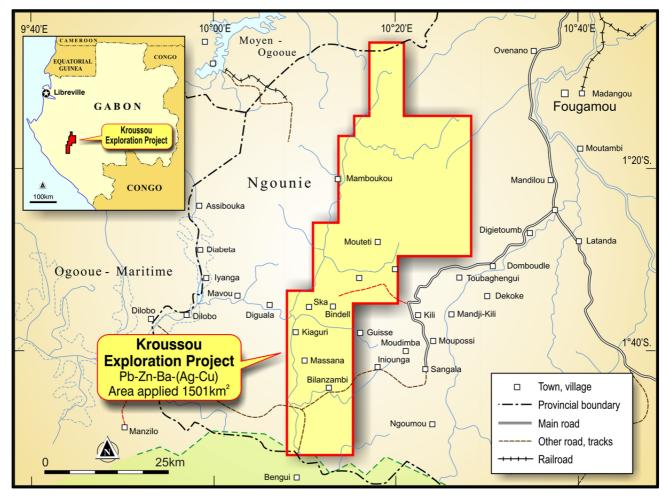


Figure 4. General Kroussou location map. Villages depicted within the license no longer exist.

#### Kroussou Historical Data capture, translation and review

After MTA confirmed high grade mineralisation grade at the Dikaki prospect earlier in 2015 and conducting regional mapping of the Cretaceous-Precambrian lithological contact, MTA commenced sourcing historical reports of exploration work conducted by the previous explorer 'Kroussou Syndicate' which was a Joint Venture between the State of Gabon, BRGM and Comilog (Gabon government owned mining company which operates manganese mines in Gabon). BRGM was the project operator and manager of the Kroussou Exploration Project and is the only group to ever conducted exploration on the project.

This historical information obtained by the BRGM has enabled MTA to define drill hole locations targeting known lead-zinc mineralisation.

MTA has defined 18 exploration targets for the Kroussou Project and these are presented geographically in Figure 5 and tabulated in Table 2. Each of the targets are ranked based on technical criteria which determine the prospectivity to discover as measured resource. Targets 11 Dikaki and 13 Bokamba are Priority 1 as they both have shallow holes confirming high grade mineralisation <20m below surface and provide excellent opportunity for an increase in historical tonnage reported by BRGM. Priority 2 targets are considered prospective due to these embayments hosting the same N'Zeme-Asso and Gamba Formations and mineralisation criteria as Dikaki (BRGM reports) with confirmed Zn-Pb mineralisation and grades, further the relative location to basement structures believed to be the source of the Mississippi Valley Type

(MVT) mineralised fluids are also considered prospective. Priority 3 targets require further assessment to confirm mineral grade and outcropping facies.

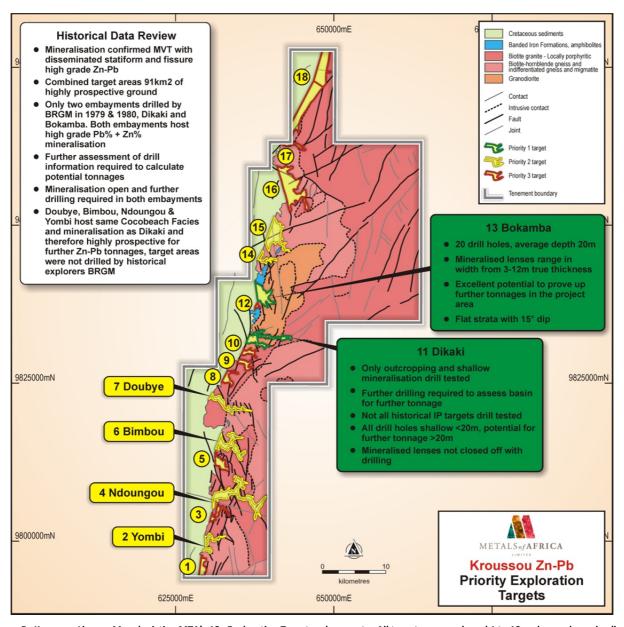


Figure 5. Kroussou License Map depicting MTA's 18x Exploration Target embayments. All targets are numbered 1 to 18 and are coloured yellow, Priority 1 Targets are two and the boundary marked in green, Priority 2 Targets are 6 and boundary is yellow and Priority 3 Targets are 10 and boundary is red.

Target	Koussou Prospect Name	Priority Ranking
1	Salaganga North	3
2	Yombi	2
3	Migoumbi	3
4	Ndoungou	2
5	Ofoubou	3
6	Bimbou	2
7	Doubye	2

8	Nganui	3
9	Dignali	3
10	Bouamba South	3
11	Dikaki (-Bouamba)	1
12	Kayanga	3
13	Bokamba	1
14	Doukwe	2
15	Silongo	2
16	Oubangue	3
17	Mabounda	3
18	M'Boule	3

Table 2. MTA's Kroussou Targets indicating number, name and exploration Priority Ranking depicted in figure 5.

The historical data review and report translation (from French to English) is ongoing and is anticipated to take about another four months to be completed. The result of this work is that it will save the company a significant amount of money on data acquisition in the field. Contained within the historical data is data relating to over 100 drill holes which the Company is currently capturing digitally with aim to define a target resource.

#### **Corporate**

The company held its Annual General Meeting on 28 May 2015. The Company's shareholders approved the following resolutions at the meeting:

Resolution 1: Adoption of Remuneration Report

Resolution 2: Withdrawn

Resolution 3: Re-election of Mr Brett Smith as a Director

Resolution 4: Approval of 10% Placement Facility

Resolution 5: Withdrawn

Resolution 6: Approval of the issue of the Dombeya Consideration Shares pursuant to

the Dombeya Acquisition Agreement

The Company issued 2.45m unlisted incentive options to key management and staff, generally vesting on the anniversary of employment over the next three years. The Company also completed the issue of 1.5m convertible notes to Mitchell Drilling in respect of its drilling for equity agreement with Mitchell.

Mr Andrew McKee, a non-executive director of the Company, resigned on 25 May 2015.

During the quarter the Company provided written notice to Capitol Resources Limitada that it had terminated and withdrawn from the Changara Joint Venture and would cease all activities associated with the Joint Venture. As a result of this letter giving notice of termination of the Joint Venture, all of the assets, rights and obligations of the Joint Venture were ceded and assigned to Capitol Resources.

#### For further information please contact:

Cherie Leeden Managing Director +61 8 9322 7600 admin@metalsofafrica.com.au



### **Tenement Summary – 30 June 2015**

# 1. MINING TENEMENTS HELD

			Interest at	 
Tenement Reference	Location	Nature of interest	beginning of	Interest at end
	Location	Nature of Interest	quarter	of quarter
Rio Mazoe Project				
1411	Mozambique	Granted	100%	100%
1442	Mozambique	Granted	100%	100%
3588	Mozambique	Granted	100%	100%
1509	Mozambique	Granted	100%	100%
1885	Mozambique	Granted	100%	100%
Express Licences				
5572	Mozambique	Granted	100%	100%
5473	Mozambique	Granted	100%	100%
6216	Mozambique	Granted	100%	100%
6251	Mozambique	Granted	100%	100%
6253	Mozambique	Granted	100%	100%
5345	Mozambique	Granted	100%	100%
5350	Mozambique	Granted	100%	100%
6187	Mozambique	Granted	100%	100%
6191	Mozambique	Granted	100%	100%
6170	Mozambique	Granted	100%	100%
6172	Mozambique	Granted	100%	100%
6167	Mozambique	Granted	100%	100%
6254	Mozambique	Granted	100%	100%
Gabon				
Lastourville (495)	Gabon	Granted	90%	90%
Kroussou (3)	Gabon	Granted	90%	90%
Mbongou	Gabon	Granted	90%	90%

# 2. MINING TENEMENTS ACQUIRED/DISPOSED

Tenement Reference	Location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
ACQUIRED Nil				
DISPOSED				
Changara JV		11/4		00/
1421	Mozambique	JV	51%	0%

1431 1123 1122 Tanzania	Mozambique Mozambique Mozambique	JA JA	51% 51% 51%	0% 0% 0%
PL9384/2013 PL 9544 (HQ-P27238) PL 9748 (HQ-P27825)	Tanzania Tanzania Tanzania	Relinquished Relinquished Relinquished	100% 100% 100%	0% 0% 0%
Mozambique 1492 5701	Mozambique Mozambique	Relinquished Relinquished	100% 100%	0% 0%

3. BENEFICIAL PERCENTAGE INTERESTS HELD IN FARM-IN OR FARM-OUT AGREEMENTS					
Tenement Reference	Location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter	

# 4. BENEFICIAL PERCENTAGE INTERESTS HELD IN FARM-IN OR FARM-OUT AGREEMENTS ACQUIRED OR DISPOSED

			Interest at beginning of	Interest at end of
Tenement Reference	Location	Nature of interest	quarter	quarter
<b>ACQUIRED</b> Nil				
DISPOSED				
Changara JV				
1421	Mozambique	JV	51%	0%
1431	Mozambique	JV	51%	0%
1123	Mozambique	JV	51%	0%
1122	Mozambique	JV	51%	0%

#### **About the Montepuez Graphite Project**

The Montepuez Graphite Project is located in the Cabo Delgado Province, in Mozambique, and is 100% owned by Metals of Africa. It comprises three exploration licenses, all of which are partially underlain by the litho-stratigraphic rock units which are known to contain major graphite mineralisation to the south at Balama (Syrah Resources Limited - ASX: SYR) and Balama North (Triton Minerals Limited - ASX: TON). Much



of the Montepuez project occurs within the same regional geological setting as these large graphite deposits.

#### **About Metals of Africa Limited (MTA)**

Metals of Africa (ASX: MTA) is a diversified minerals exploration company dedicated to exploring for world class deposits in Africa. The Company's core commodity targets are: zinc, lead, copper and graphite. Metals of Africa are conducting a series of research and development activities and trials in both Australia and Africa in establishing the best process methodology in mineral exploration, mining and processing. This activity is for the benefit of the company's holdings and in the licensing of intellectual property as a means of bringing these ideas to the market.

#### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Ms. Cherie Leeden, who is Executive Director of the Company. Ms Leeden is a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Leeden consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

Rule 5.5

# Appendix 5B

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/2013

Name of entity	
Metals of Africa Limited	
ABN	Quarter ended ("current quarter")
75 152 071 095	30 June 2015

### Consolidated statement of cash flows

		Current quarter	Year to date (6
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	(601)	(2,201)
	(b) development	-	-
	(c) production	-	-
	(d) administration	(402)	(672)
1.3	Dividends received	-	
1.4	Interest and other items of a similar nature received	4	15
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Other (provide details if material)	-	-
	Net Operating Cash Flows	(999)	(2,858)
	Net Operating Cash Flows	(999)	(2,050)
	Cash flows related to investing activities		
1.8	Payment for purchases of:(a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	-
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)	-	-
1.12	Other (provide details if material)		-
	Other (provide details if material)  Net investing cash flows	-	-
1.12	Other (provide details if material)	(999)	(2,858)

<sup>+</sup> See chapter 19 for defined terms.

## Appendix 5B Mining exploration entity and oil and gas exploration entity quarterly report

1.13	Total operating and investing cash flows		
	(brought forward)	(999)	(2,858)
	Cash flows related to financing activities		
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 costs)	-	-
	Net financing cash flows	-	-
	Net increase (decrease) in cash held	(999)	(2,858)
1.20	Cash at beginning of quarter/year to date*	2,003	3,862
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	Cash at end of quarter	1,004	1,004

<sup>\*</sup>note final cash position disclosed in 31 December 2014 quarterly was understated due to an exchange rate miscalculation. Opening cash is correct as per 1.20 and 31 December 2014 audited financial statements.

# Payments to directors of the entity, associates of the directors, 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		121
1.24	Aggregate amount of loans to the parties included in item 1.10		-
1.25	Explanation necessary for an understanding of the transactions		
	Director fees and consulting.		

# 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

Nil			

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<sup>+</sup> See chapter 19 for defined terms.

5.4	Other (provide details)		-	-	
5.3	Bank overdraft		-	-	
5.2	Deposits at call		-	-	
5.1	Cash on hand and at bank		1,004	2,003	
show	nciliation of cash at the end of the quarter (as on in the consolidated statement of cash flows) e related items in the accounts is as follows.	Current qua \$A'ooo	arter	Previous quarter \$A'000	
Re	econciliation of cash				
	Total			600	
4.4	Administration			200	
4.3	Production			-	
4.2	Development			-	
4.1	Exploration and evaluation \$A'000			400	
Es	timated cash outflows for next qua	arter			
3.2	Credit standby arrangements		-	-	
3.1	Loan facilities	\$A'000	-	\$A'000 -	
	I notes as necessary for an understanding of the position	n. Amount ava	ilable	Amount used	
Fi	nancing facilities available				
	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				

<sup>+</sup> See chapter 19 for defined terms.

# Changes in interests in mining tenements and petroleum tenements

6.1 Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed

		1	1
Tenement	Nature of interest	Interest at	Interest at
reference and	(note (2))	beginning	end of
location		of quarter	quarter
Mozambique			
1421	JV terminated	51%	ο%
1431	JV terminated	51%	ο%
1123	JV terminated	51%	ο%
1122	JV terminated	51%	ο%
1492	Relinquished	100%	ο%
5701	Relinquished	100%	ο%
Gabon			
Nil			
Tanzania			
PL9384/2013	Relinquished	100%	ο%
PL 9544 (HQ-	Relinquished	100%	ο%
P <sub>2723</sub> 8)	1		
PL 9748 (HQ-	Relinquished	100%	ο%
P <sub>27</sub> 8 <sub>25</sub> )	1		
, ,,			
Nil			

6.2 Interests in mining tenements and petroleum tenements acquired or increased

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<sup>+</sup> See chapter 19 for defined terms.

# **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	Preference +securities				
	(description)				
7.2	Changes during				
	quarter				
	(a) Increases				
	through issues				
	(b) Decreases through returns				
	of capital, buy-				
	backs,				
	redemptions				
7.3	+Ordinary	129,663,742	129,663,742		Ordinary fully paid
	securities				
7.4	Changes during	a) 285,715	a) 285,715		
	quarter (a) Increases				
	through issues				
	(b) Decreases				
	through returns				
	of capital, buy-				
	backs	,			
7.5	<sup>+</sup> Convertible	1,500,000 (as	-	nil	
	debt securities	per appendix 3B lodged 17 April			
	(description)	2015, and note 1			
	(access present)	below)			
7.6	Changes during	a) 1,500,000	-	nil	
	quarter				
	(a) Increases				
	through issues (b) Decreases				
	through				
	securities				
	matured,				
	converted				
7.7	Options		77 . 1	Exercise price	Expiry date
	(description and conversion	3,666,666	Unquoted	\$0.25	31 Dec 2015
	conversion factor)	1,955,167 600,000	Unquoted Unquoted	\$0.15 \$0.168	3 Dec 2016 3 Dec 2016
	juctor	57,854,396	Quoted	\$0.15	7 Jan 2017
		2,500,000	Unquoted	\$0.093	31 March 2017
		1,000,000	Unquoted	\$0.26	4 February 2018
		2,450,000	Unquoted	\$0.15	31 Dec 2017
7.8	Issued during quarter	2,450,000	Unquoted	\$0.15	31 Dec 2017

<sup>+</sup> See chapter 19 for defined terms.

## Appendix 5B Mining exploration entity and oil and gas exploration entity quarterly report

7.9 7.10	Exercised during quarter Expired during quarter	5,000,000 5,000,000 533,333	Unquoted Unquoted Unquoted	\$0.25 \$0.40 \$0.15	30 June 2015 30 June 2015 3 Dec 2016 (expired due to vesting condition not being achieved)
7.11	Debentures (totals only) Unsecured				
	<b>notes</b> (totals only)				

<sup>1.</sup> The issue of the Convertible Notes will enable 50% of the invoiced amounts under certain specified drilling agreements to be satisfied through the issue of Shares by the Company, up to a maximum of \$1,500,000 (excluding taxes), until the end of 2015. The conversion price of the Convertible Notes will be the volume weighted average market price of the Company's Shares on the ASX for the five trading days prior to the day that an invoice for drilling activities is issued. Any drilling agreement that is to include consideration by way of the convertible notes has to be agreed by the Company and the Noteholder prior to each drilling campaign.

# **Compliance statement**

- 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 5).
- This statement does /does not\* (delete one) give a true and fair view of the matters disclosed.

Sign here:		Date:	30 July 2015
O	(Director/Company secretary)		
	Steven Wood		
Print name:			

#### **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 and petroleum 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 or petroleum tenement, it should disclose the

+ See chapter 19 for defined terms.

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change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.

- 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 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report.
- Accounting Standards ASX will accept, for example, the use of International Financial Reporting 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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<sup>+</sup> See chapter 19 for defined terms.