

30th April 2010

Company Announcements Office  
ASX Limited  
PO Box H224, Australia Square  
Sydney NSW 2000

Dear Sir/Madam

## **ACTIVITIES REPORT FOR THE QUARTER ENDED 31 MARCH 2010**

The Company continued to focus on advancing its iron ore interests in the Murchison. Exploration at the promising Ryansville gold project has been delayed by aboriginal heritage issues but it is hoped to commence drilling during the June Quarter. Elsewhere, field activity was limited to further drilling at the Yillaree joint venture near Leinster the results of which have returned some encouragement.

### **THE HAMPTON HILL MINING JOINT VENTURE (HHMJV)**

#### **Weld Range, Murchison, Western Australia**

This joint venture is a component of the Sinosteel Midwest Corporation (SinoMidwest) managed Weld Range Direct Shipping Ore Project (WRDSOP). This project forms an integral part of the Murchison Iron Ore Development Plan and the hopes of establishing an export industry based on a new port at Oakajee, north of Geraldton. SinoMidwest is a subsidiary of the major Chinese steel manufacturer, Sinosteel Corporation.

As a requirement of the HHMJV Agreement, a Preliminary Feasibility Study (PFS) is to be completed by SinoMidwest no later than February 2011. Hampton and SinoMidwest will then negotiate an agreed sale value for Hampton's 40% share of the HHMJV assets. Alternative to a sale to SinoMidwest is, Hampton's right at its sole discretion to convert its 40% share to a 2% FOB royalty.

The major Scope of Work that commenced in Third Quarter 2009 with the aim of evaluating the HHMJV tenements has been inhibited during the quarter by a backlog of Permit of Work approvals but it is anticipated that momentum will gather pace in the coming months. No imminent exploration is planned at some key targets however, including the promising W20 Target Zone, due to aboriginal heritage and/or environmental sensitivities.

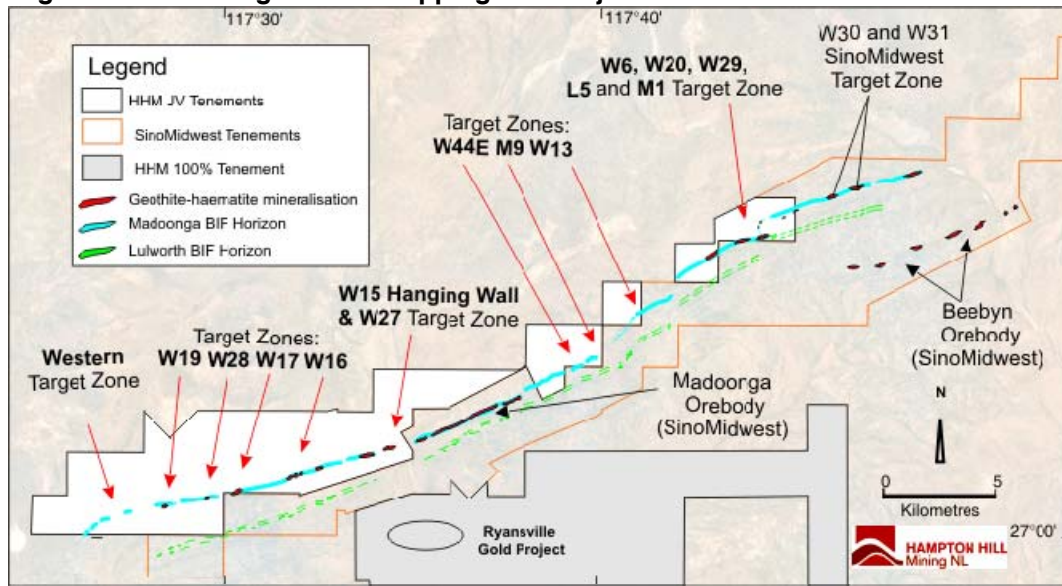
During the quarter, two large diameter metallurgical diamond drill holes were drilled at the W15 Target Zone. Future modest expansions of the stated resource can be anticipated as test work continues but a preliminary tonnage for W6 East has been calculated as approximately 5 million tonnes of inferred resource grading 56.7% iron.

Elsewhere in the project area extensive mapping and project appraisal has continued and there has been good progress in understanding the geological controls to the target hematite-goethite mineralization, with new zones of interest being recognized. Some of the more significant target zones are described below.

Permits of Work have now been granted for initial drill testing at the W16 (currently impacted by delayed aboriginal heritage surveys), W17 and W19 Target Zones. Site preparations are complete at the W17 and

W19 Target Zones where the 2010 regional drilling campaign will shortly commence. It is hoped to clear drilling programs at the W29 Target Zone shortly. The pace of drilling should then increase as the series of targets are tested throughout the year.

**Figure 1: Weld Range Direct Shipping Ore Project**



**ORE RESOURCES TO DATE**

Progress with the evaluation of the HHMJV tenements has been disappointing particularly due to a frustrating series of aboriginal heritage and environmental issues. Much work remains to be done to complete a reasonable appraisal of the resource potential of the tenements. Two of the smaller target zones have been partially tested to date. SinoMidwest has supplied the following preliminary Resource Statement as detailed in Table 1.

Table 1: W15 and W6 East Resource Statement

Type	Tenement	Deposit	Classif.	Vol M m <sup>3</sup>	Density T/m <sup>3</sup>	Tonnes MT	Fe %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	LOI %	P %	S %	TiO <sub>2</sub> %	
Bedrock	E20/625	W15	Measured											
			Indicated	1.9	3.2	6.1	54	14	2	6	0.07	0.2	0.1	
			Inferred	0.4	2.7	1.1	54	14	2	7	0.06	0.1	0.2	
				<b>ALL</b>	<b>2.3</b>	<b>3.1</b>	<b>7.2</b>	<b>54</b>	<b>14</b>	<b>2</b>	<b>6</b>	<b>0.07</b>	<b>0.2</b>	<b>0.1</b>
	E20/641	W6	Measured											
			Indicated											
			Inferred	1.4	3.6	5.0	57	12	1	4	0.1	0.3	0.1	
				<b>ALL</b>	<b>1.4</b>	<b>3.6</b>	<b>5.0</b>	<b>57</b>	<b>12</b>	<b>1</b>	<b>4</b>	<b>0.1</b>	<b>0.3</b>	<b>0.1</b>
	All Bedrock Resources			Measured										
				Indicated	1.9	3.2	6.1	54	14	2	6	0.07	0.2	0.1
Inferred				1.8	3.4	6.1	56	12	1	5	0.10	0.2	0.1	
			<b>ALL</b>	<b>3.7</b>	<b>3.3</b>	<b>12.2</b>	<b>55</b>	<b>13</b>	<b>2</b>	<b>5</b>	<b>0.09</b>	<b>0.2</b>	<b>0.1</b>	
Detrital	E20/625	W15	Measured											
			Indicated											
			Inferred	0.3	2.9	0.7	52	13	4	7	0.01	0.08	0.6	
			<b>ALL</b>	<b>0.3</b>	<b>2.9</b>	<b>0.7</b>	<b>52</b>	<b>13</b>	<b>4</b>	<b>7</b>	<b>0.01</b>	<b>0.08</b>	<b>0.6</b>	
Total Resources			Measured											
			Indicated	1.9	3.2	6.1	54	14	2	6	0.07	0.2	0.1	
			Inferred	2.1	3.2	6.8	56	12	1	5	0.09	0.2	0.2	
			<b>ALL</b>	<b>4.0</b>	<b>3.2</b>	<b>12.9</b>	<b>55</b>	<b>13</b>	<b>2</b>	<b>5</b>	<b>0.08</b>	<b>0.2</b>	<b>0.1</b>	

The W15 and W6 East mineralisation was constrained by stratigraphy. The Resource Statement was prepared using a total iron cut-off of greater than 45% for W15 and a total iron cut-off of 46% for W6 East.

## **The W15 Target Zone**

This zone is three kilometres directly along strike from SinoMidwest's Madoonga ore body (See Figure1). Following the calculation of a preliminary resource calculation of 7.9 million tonnes of hematite-goethite grading 54% Fe, two large diameter diamond holes were completed to provide core for metallurgical test work. A target review has concluded that more drilling is warranted to close off mineralisation both to the east and west. There is also potential for additional detrital iron deposits at the eastern end of the zone as depicted by the presence of gravity highs with some encouraging intercepts.

The oxidised hematite-goethite hanging wall mineralisation grades into unoxidised semi massive pyrite at a depth of approximately 110 metres which limits the down dip potential of the zone.

Drilling out the eastern extension is not possible at present because of archaeological exclusion zones. A recommendation has been made to engage in negotiations with the relevant stake holders to gain access to these exclusion zones.

## **The W6 East Target Zone**

This zone is an extension of the W6 West Target Zone wholly owned by SinoMidwest and the combined iron ore resources will be mined as one. Three metallurgical holes have been completed at W6 West and, while not within the joint venture portion, these will provide supporting data for the common mine plan.

The Target Zone involves multiple horizons that extend eastwards towards the W29 Target Zone and there are indications from incomplete testing that further resources may be defined as exploration advances.

## **W17 and W19 Target Zones**

Approvals for drill testing of W17 and W19 Target Zones have been received and RC drilling is imminent.

Eight holes are planned as an initial test of the W17 Target Zone over a strike of 950 metres within the HHMJV tenements. These will be the first holes at this target.

At the W19 Target Zone ten holes are planned over a strike of 600 metres. Four holes drilled into the W19 in 2006 were poorly orientated and are considered to have ineffectively tested the known mineralisation.

## **The W16 Target Zone**

A Permit of Works for the drilling of eight RC holes into this zone has been granted although an aboriginal heritage survey planned to be completed during the June Quarter is required before drilling can commence.

Three RC holes previously drilled into the target zone were ineffective in testing this mineralisation. The best result from this previous drilling was 16 metres averaging 59.6% iron from 30 metres down hole. A geophysical interpretation of the aeromagnetic data over W16 noted a 600 metre long strongly demagnetised zone, which is thought to be the result of hematite replacement of magnetite.

Geological mapping of the central portion of W16 Target Zone indicated the presence of pods of varying widths of mineralisation consisting of predominantly goethite or goethite-hematite. Similar mineralised pods extend discontinuously over about 750 metres of strike along the southern slope of a BIF ridge near the contact with mafic rocks. It is considered that the strongly demagnetised zone may indicate more continuous mineralization at depth than is observed in outcrop.

## **The W28 Target Zone**

Recent mapping of this zone has delineated hematite mineralisation outcropping over 220 metres of strike. One of two RC holes drilled in 2006 gave encouraging results with intersections of 24 metres averaging 56.6% iron from 6 metres down hole and 8 metres averaging 54.5% iron from 122 metres within this deeper interval occurring within a 32 metre goethite/hematite mineralised interval that extends from 98 metres down hole. This drilling was constrained by site availability and further drilling is necessary to allow initial evaluation.

Planning of drill holes to effectively test the iron ore mineralisation is in progress and a Program of Works will be submitted for approval during the next quarter.

## The W 29 Target Zone

An amendment to the current Permit of Works is being sought so that 18 of the 35 RC holes planned for the MI Target Zone can be relocated further south to provide further testing of the promising W29 Target Zone. This zone is readily accessible and the joint venture is not anticipating aboriginal heritage or environmental delays to the approval process in this area.

## The M9 Target Zone

The M9 Target Zone is located in the Madoonga BIF beds between the outcropping W44E and W13 Target Zones (See figure 1). In the HHMJV tenements the M9 Target Zone is a 750 metre long portion of a demagnetised BIF horizon which is mainly hidden by surficial cover. Two small goethite outcrops that are present towards the western portion of this geophysical anomaly are considered to be eastern extensions of mineralisation outcropping in the W44E Target Zone.

No aboriginal heritage or flora surveys have as yet been conducted. A small population of spiders has been identified on the southern side of the outcropping BIF units in the western portion of the mapping area and may inhibit exploration in that area.

## THE HAMPTON HILL NON FERROUS JOINT VENTURE

Hampton has a separate arrangement with SinoMidwest relating to non-ferrous metals throughout the entire WRDSOP tenement area. Hampton has the right to 100% ownership of any non-ferrous ores mined and will pay a 1.5% net smelter royalty on ores from the SinoMidwest tenements but no royalty in relation to ores on the HHMJV tenements.

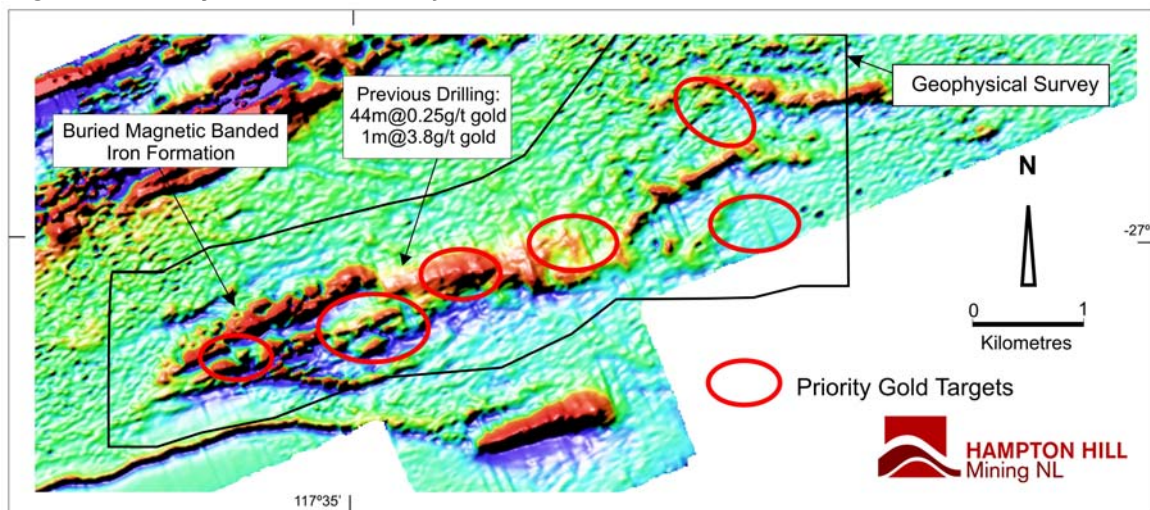
Hampton reviewed new holes drilled by SinoMidwest during the quarter for gold and base metal potential without success.

## THE RYANSVILLE GOLD PROJECT

Hampton's 100% owned Ryansville gold project is situated near the southern flank of the Weld Range. Hampton now awaits an aboriginal heritage survey prior to being able to proceed with the planned drill programs at this project.

As previously reported, Hampton has delineated some exciting electromagnetic targets that are coincident with banded iron formation horizons known to have associated gold and arsenic anomalism.

Figure 2: The Ryansville Gold Project



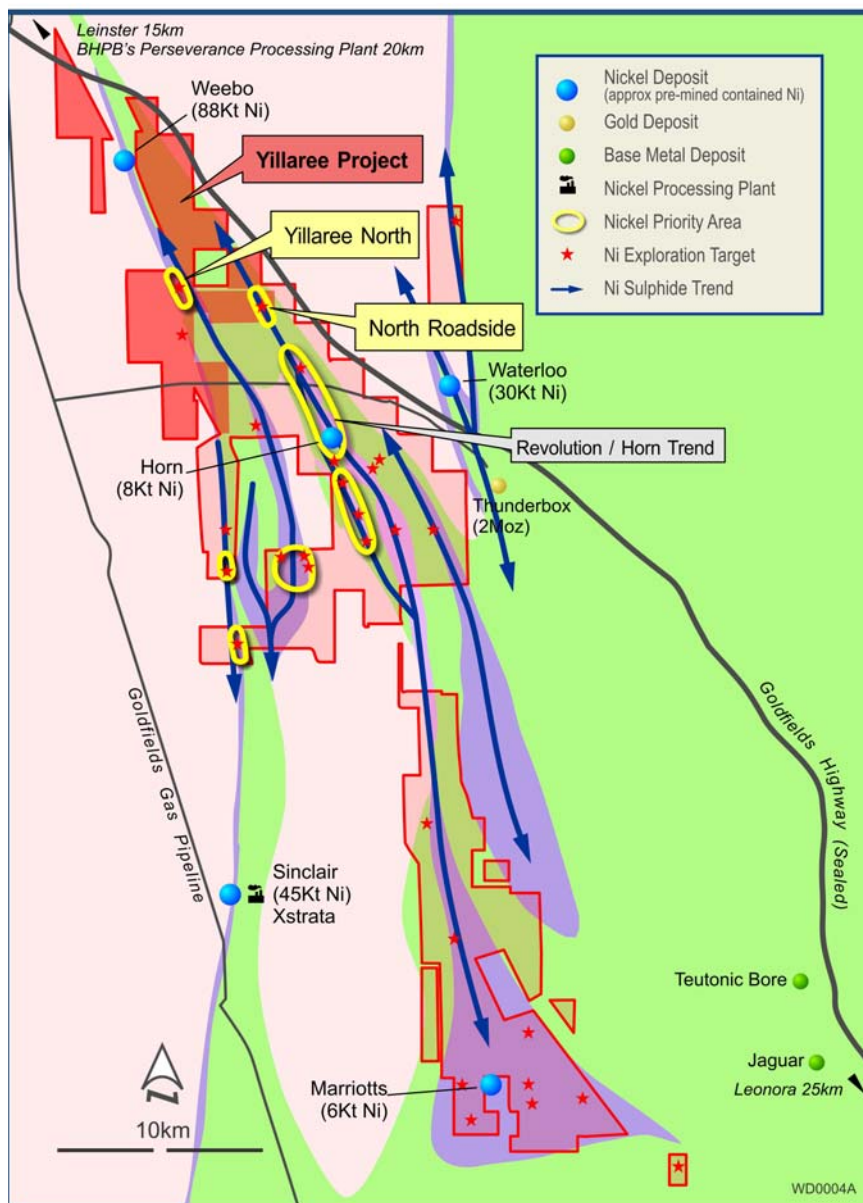
## THE YILLAREE NICKEL SULPHIDE PROJECT

This project is a joint venture with Breakaway Resources Limited as managers with Hampton, which has an 18.73% interest, contributing to expenditure on a pro-rata basis. During the Quarter, four RC holes totalling 802 metres were drilled to test coincident bedrock geochemical and geophysical (MLTEM) anomalies at the North Roadside target, which lies approximately 7 kilometres northwest along strike from the Breakaway's 100% - owned Horn Nickel Deposit (2008 Inferred Resource of 600,000 tonnes at 1.39% Ni and 0.30% Cu for 8,300 tonnes of contained nickel and 1,800 tonnes of contained copper).

The drilling at North Roadside intersected zones of weak disseminated and/or blebby sulphides within prospective high magnesium (High MgO) ultramafic stratigraphy. While no significant assays were returned, the favourable stratigraphy, presence of sulphide-bearing high MgO rocks and limited drilling provides the joint venture with confidence that further exploration of the North Roadside target area is warranted.

During the coming Quarter, the RC rig will proceed to test other priority geochemical and MLTEM targets along strike to the south of the BHP Billiton's Weebo Nickel Deposit. Downhole TEM (DHTEM) surveying of selected drillholes will also take place during the June 2010 Quarter.

**Figure 3: The Yillaree Nickel Sulphide Project**



## OTHER PROJECTS

No fieldwork was carried out on the Wheatley, Apollo Hill, Mt Mulcahy, Weebacarry or Sylvania projects during the quarter.

Yours faithfully,

Wilson Forte  
Managing Director

## COMPLIANCE STATEMENTS

*The information in the above report that relates to exploration results has been, reviewed and confirmed as accurate by Mr Wilson Forte who is a member of the AusIMM. Mr Forte is a full-time employee of the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activities 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 Forte consents to the inclusion in the report of the matters based on his information in the form and context in which they appear.*

*The information in the above report that relates to resource modelling results in the HHMJV has been produced, reviewed and confirmed as a reliable representation of the mineralisation by Mr Kahan Cervoj who is a member of the AusIMM. Mr Cervoj is a full-time employee of the Sinosteel Midwest Corporation Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activities 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 Cervoj consents to the inclusion in the report of the matters based on his information in the form and context in which they appear.*

# Appendix 5B

## Mining exploration entity quarterly report

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

Name of entity

**HAMPTON HILL MINING NL**

ABN

**60 060 628 524**

Quarter ended ("current quarter")

**31 March 2010**

### Consolidated statement of cash flows

	Current quarter \$A'000	Year to date (9 months) \$A'000
<b>Cash flows related to operating activities</b>		
1.1 Receipts from product sales and related debtors	-	-
1.2 Payments for		
(a) Exploration & evaluation	(79)	(468)
(b) Development	-	-
(c) Production	-	-
(d) Administration	(82)	(308)
1.3 Dividends received	-	-
1.4 Interest and other items of a similar nature received	27	43
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Other (provide details if material): Receipts	5	30
<b>Net Operating Cash Flows</b>	<b>(129)</b>	<b>(703)</b>
<b>Cash flows related to investing activities</b>		
1.8 Payment for purchases of:		
(a) prospects	-	-
(b) equity investments	-	-
(c) other fixed assets	-	(1)
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) Payment	-	-
<b>Net investing cash flows</b>	<b>-</b>	<b>(1)</b>
1.13 Total operating and investing cash flows (carried forward)	<b>(129)</b>	<b>(704)</b>

**Appendix 5B**  
**Mining exploration entity quarterly report**

1.13	Total operating and investing cash flows (brought forward)	(129)	(704)
	<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 (provide details if material)	-	-
	<b>Net financing cash flows</b>	-	-
	<b>Net increase (decrease) in cash held</b>	<b>(129)</b>	<b>(704)</b>
1.20	Cash at beginning of quarter/year to date	<b>1,812</b>	<b>2,387</b>
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	<b>Cash at end of quarter</b>	<b>1,683</b>	<b>1,683</b>

**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	48
1.24	Aggregate amount of loans to the parties included in item 1.10	-

1.25 Explanation necessary for an understanding of the transactions

**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

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

**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	<b>Nil</b>	-
3.2 Credit standby arrangements	<b>Nil</b>	-

**Estimated cash outflows for next quarter**

	\$A'000
4.1 Exploration and evaluation	<b>250</b>
4.2 Development	-
<b>Total</b>	<b>250</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	<b>683</b>	<b>312</b>
5.2 Deposits at call	-	-
5.3 Bank overdraft	-	-
5.4 Term Deposit	<b>1,000</b>	<b>1,500</b>
5.5 Other (Bank accepted bills)	-	-
<b>Total: cash at end of quarter</b> (item 1.22)	<b>1,683</b>	<b>1,812</b>

**Appendix 5B**  
**Mining exploration entity quarterly report**

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**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	<b>M39/1063</b> <b>Relinquished</b>	<b>100%</b>	<b>0%</b>
6.2	Interests in mining tenements acquired or increased	<b>E20/626</b> <b>E20/640</b> <b>Granted</b> <b>Granted</b>	<b>0%</b> <b>0%</b>	<b>100%</b> <b>100%</b>

**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> <i>(description)</i>				
7.2 Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions				
7.3 <b>+Ordinary securities</b>	<b>130,155,897</b> <b>200,000</b> <b>1,750,000</b> <b>700,000</b>	<b>130,155,897</b>	<b>10 cents</b> <b>20 cents</b> <b>25 cents</b>	Fully Paid Part Paid to 0.1 cent Part Paid to 0.1 cent Part Paid to 0.1 cent
7.4 Changes during quarter (a) Increases through issues  (b) Decreases through returns of capital, buy-backs				
7.5 <b>+Convertible debt securities</b> <i>(description)</i>				
7.6 Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7 <b>Options</b> <i>(description and conversion factor)</i>			<i>Exercise price</i>	<i>Expiry date</i>
7.8 Issued during quarter				
7.9 Exercised during quarter				
7.10 Expired during quarter				
7.11 <b>Debentures</b> <i>(totals only)</i>				
7.12 <b>Unsecured notes</b> <i>(totals only)</i>				

## 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.

**Peter Rutledge**

Sign here: (Company secretary)

Date: **30 April 2010**

Print name: **Peter Rutledge**

## 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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