

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

Pilbara Minerals Limited

ABN

95 122 425 788

Quarter ended ("current quarter")

31 December 2009

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	(51)	(161)
(b) development	-	-
(c) production	-	-
(d) administration	(162)	(255)
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	-	-
1.6 Income taxes paid	-	-
1.7 Other (GST Refund)	18	28
Net Operating Cash Flows	(192)	(385)
Cash flows related to investing activities		
1.8 Payment for purchases or renewal of:		
(a) prospects	(381)	(381)
(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)	-	-
Net investing cash flows	(381)	(381)
1.13 Total operating and investing cash flows (carried forward)	(573)	(766)

+ See chapter 19 for defined terms.

Appendix 5B
Mining exploration entity quarterly report

1.13	Total operating and investing cash flows (brought forward)	(573)	(766)
Cash flows related to financing activities			
1.14	Proceeds from issues of shares, options, etc.	546*	546
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 of issues)	-	-
Net financing cash flows		546	546
Net increase (decrease) in cash held		(27)	(220)
1.20	Cash at beginning of quarter/year to date	162	355
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	Cash at end of quarter	135*	135

* Inclusive of \$10,703.80 held in the Pilbara Minerals Ltd – Share Issue Trust Account for shares issued on 4 January 2010.

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	87
1.24	Aggregate amount of loans to the parties included in item 1.10	0

1.25 Explanation necessary for an understanding of the transactions

Director's fees, Rent, Accounts and Administration

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

12,000,000 shares issued pursuant to West Pilbara mineral tenement acquisition as announced to the ASX on 13 October 2009.

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

+ See chapter 19 for defined terms.

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	0
Total	50

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	135	12
5.2 Deposits at call	-	150
5.3 Bank overdraft	-	-
5.4 Other (provide details)	-	-
Total: cash at end of quarter (item 1.22)	135	162

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	-		-	-
6.2 Interests in mining tenements acquired or increased	EL47/1092 EL47/1093 EL47/1094 EL47/1095 EL47/1096 EL47/1097	Acquisition pursuant to West Pilbara mineral tenement acquisition as announced to the ASX on 13 October 2009	0%	100%

+ See chapter 19 for defined terms.

Appendix 5B
Mining exploration entity quarterly report

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)	Amount paid up per security (see note 3)
7.1 Preference securities (description)	-	-	-	-
7.2 Changes during quarter	-	-	-	-
7.3 +Ordinary securities on issue on 31/12/2009	37,067,962	37,067,962	-	-
7.4 Changes during quarter (a) Increases through issues	17,535,000	17,535,000	5,350,000 @ \$0.10. 12,000,000 pursuant to tenement acquisition	-
7.5 +Convertible debt securities (description)	-	-	-	-
7.6 Changes during quarter	-	-	-	-
7.7 Options on issue on 31/12/2009 (description and conversion factor)	1,001,000 417,500 110,000 200,000 150,000 50,000 350,000 18,000,000	1,001,000 - - - - - - -	<u>Exercise price</u> \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$2.00 \$1.00 \$0.20	<u>Expiry Date</u> 18/09/2010 26/04/2010 7/06/2010 4/12/2010 21/08/2011 21/08/2011 28/5/2012 31/12/2012
7.8 Issued during quarter	9,000,000	-	\$0.20	31/12/2012
7.9 Exercised during quarter	-	-	-	-
7.10 Expired during quarter	-	-	-	-
7.11 Debentures (totals only)	-	-	-	-
7.12 Unsecured notes (totals only)	-	-	-	-

+ See chapter 19 for defined terms.

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:



Date: 15 January 2010

Company Secretary

Print name: James Robinson

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.

====