

ASX Code – ELM

QUARTERLY ACTIVITY REPORT FOR THE PERIOD ENDED 31 DECEMBER 2008

Potash Project

As reported in the September quarterly the Company has identified and is presently in advanced negotiations in respect of a potash project. Significant milestones have been reached in the process and the Board had expected the process to be finalised in the 4th quarter 2008. However, present economic conditions have slowed the process and the board now hopes to have the process finalised in early 2009.

Forrestania Project, Western Australia

The Forrestania Project is located approximately 150km east of Hyden proximal to the Lake Johnston greenstone belt in Western Australia. The Magnetite Island iron prospect consists of three parallel iron formations which strike NNW and dip to the east. A detailed ground magnetic survey over the area has been modeled and demonstrates the iron formations to range from 30m to 55m in thickness with strike lengths of 2,000m. The geophysical modeling mentions that the magnetic body could consist of 20% - 40% magnetite. Petrographic studies on the iron formation concluded that "prospects for a viable magnetic separation are excellent and further investigation is strongly recommended". Surface rock chip sampling has returned from 34.5%-55.5% Fe.

The Company has completed a gravity survey over the main magnetite lenses and is reviewing the data.

Other

In response to lack of resolution from the DRC government and present market conditions the board has withdrawn from the MIBA joint venture and has relinquished its wholly owned exploration licences in the DRC.

This allows the company to focus on the potash project.

| March Law or | | Course Sources |
|--------------------------|--|-----------------------------------|
| Mark Jones | Garry Thomas | Greg Smith |
| Chairman | Director | Director |
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For further information in respect of the Company's activities, please contact:

Company website: www.elementalminerals.com.au

Scientific or technical information in this news release has been prepared under the supervision of Mr Greg Smith, a director of the Company and a member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Smith has sufficient experience which is relevant to the style of mineralisation 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" (the JORC Code). Mr Smith consents to the inclusion in this report of the Information, in the form and context in which it appears.

Appendix 5B

Mining exploration entity quarterly report

Name of entity

ELEMENTAL MINERALS LIMITED

ABN

31 108 066 422

|--|

Year to date

31 December 2008

Current quarter

Consolidated statement of cash flows

| Cash flows related to operating activities | | | \$A'000 | (6 months) \$A'000 |
|--|--|---------------------------|---------|-----------------------|
| 1.1 | Receipts from product sat | es and related debtors | - | - |
| 1.2 | Payments for (a) expl | oration and evaluation | (249) | (453) |
| | | elopment | - | - |
| | (c) proc | luction | - | - |
| | | inistration | (138) | (295) |
| 1.3 | Dividends received | | - | - |
| 1.4 | | ns of a similar nature | | |
| | received | | 8 | 21 |
| 1.5 | Interest and other costs of | finance paid | - | - |
| 1.6 | Income taxes paid | | - | - |
| 1.7 | Other – GST | | (5) | (5) |
| | Net Operating Cash Flo | WS | (384) | (732) |
| 1.8 | Cash flows related to in Payment for purchase or | | | |
| | | (a) prospects | - | - |
| | | (b) equity investments | - | - |
| | | (c) other fixed assets | - | (2) |
| 1.9 | Proceeds from sale of: | (a) prospects | - | - |
| | | (b) equity investments | - | - |
| | | (c) other fixed assets | 25 | 54 |
| 1.10 | Loans to other entities | | - | - |
| 1.11 | Loans from other entities | | - | - |
| 1.12 | Other | | - | - |
| | Net investing cash flows | | 25 | 52 |
| 1.13 | Total operating and inve forward) | sting cash flows (carried | (359) | (680) |

| 1.13 | Total operating and investing cash flows (brought | | |
|------|---|-------|-------|
| | forward) | (359) | (680) |
| | | | |
| | 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 expenses | - | - |
| | Net financing cash flows | _ | _ |
| | Net increase (decrease) in cash held | (359) | (680) |
| 1.20 | Cash at beginning of quarter/year to date | 693 | 1,014 |
| 1.21 | Exchange rate adjustments to item 1.20 | 1 | 1 |
| 1.22 | Cash at end of quarter | 335 | 335 |

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 | 38 |
| 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 payments to Directors and associates are 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 | 70 |
| | | |
| 4.2 | Development | - |
| | | |
| | | |
| | Total | 70 |

Reconciliation of cash

| shown | nciliation of cash at the end of the quarter (as n in the consolidated statement of cash flows) to lated items in the accounts is as follows. | Current quarter \$A'000 | Previous quarter \$A'000 |
|------------------------------|---|----------------------------|-----------------------------|
| 5.1 Cash on hand and at bank | | 35 | 93 |
| 5.2 | Deposits at call | 300 | 600 |
| 5.3 | Bank overdraft | - | - |
| 5.4 | Other (provide details) | - | - |
| | Total: cash at end of quarter (item 1.22) | 335 | 693 |

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 | Kasai Gold, DRC PR718-720, 722-724, 726- 729, 731, 731, 734, 984, 1286, 1287 | - | 100% | Nil |
| | lapsed | Musefu Gold Project, DRC PE365, 368, PE385 | | 60% | Nil |
| 6.2 | Interests in mining tenements acquired or increased | - | - | - | - |

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.

| | | TT (1 1 | | T · | A 1 |
|------|--|--------------|---------------|------------------|--------------------|
| | | Total number | Number quoted | Issue price per | Amount paid up per |
| | | | | security (cents) | security (cents) |
| 7.1 | Preference *securities (description) | - | - | - | - |
| 7.2 | Changes during quarter | - | - | - | - |
| 7.3 | *Ordinary securities Changes during | 55,537,085 | 55,537,085 | | |
| 7.4 | quarter | | | | |
| 7.5 | +Convertible debt | - | - | - | - |
| | securities (description) | | | | |
| 7.6 | Changes during quarter | - | - | - | - |
| 7.7 | Options (description and conversion factor) | | | Exercise price | Expiry date |
| | | 36,603,515 | 36,603,515 | 20 cents | 31/01/2009 |
| | | 3,000,000 | - | 50 cents | 31/08/2009 |
| | | 1,350,000 | - | 50 cents | 30/09/2009 |
| | | 200,000 | - | 20 cents | 30/09/2010 |
| | | 6,000,000 | - | 20 cents | 31/12/2011 |
| 7.8 | Issued during quarter | 6,000,0000 | - | 20 cents | 31/12/2011 |
| 7.9 | Exercised during quarter | | | | |
| 7.10 | Cancelled/Expired during quarter | | | | |
| 7.11 | Debentures (totals only) | - | - | | |
| 7.12 | Unsecured notes (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.
- 2 This statement gives a true and fair view of the matters disclosed.

Sign here: Company Secretary

Date: 30 January 2009

Print name: GRAHAM ANDERSON

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.