

# ACCELERATE QUARTERLY ACTIVITY REPORT

FOR THE THREE-MONTH PERIOD ENDING 30<sup>TH</sup> SEPTEMBER 2022

# **Highlights**

Manganese

- Significant new, near surface zone of manganese mineralisation discovered during Phase One drilling program at Woodie Woodie North.
- Phase Two drilling program due to be completed on schedule in coming days with assay results pending.
- Positive Metallurgical Test Work on surface sample from Area 42 demonstrates DSO (Direct Shipping Ore) product potential.

# Lithium

 Surface sampling program due to commence at East Pilbara Lithium Project



Figure 1: Photo of the maiden drilling at Woodie Woodie North Manganese Project



Accelerate Resources Limited ("**AX8**", "**Accelerate**" or the "**Company**") is pleased to present the Company's Quarterly Activity Report for the three-month period ending 30<sup>th</sup> September 2022.

# Woodie Woodie North Manganese Project ("Woodie Woodie North"), East Pilbara, WA

The Company commenced a 4,000m maiden drilling campaign at its Woodie Woodie North Manganese Project during the September 2022 quarter.

Drill targets were identified based on an extensive review of historical data and Accelerate's recent field work which included mapping, surface sampling, and interpretation of the high-resolution imagery.

The program was executed in two phases. A summary of each is presented below:

### Phase One Drilling

The Phase One drilling program was focused on the Area's 1,3 and 4. The drilling was designed to better define each of the respective mineralisation envelopes, and to test for extensions of the known zones of mineralisation along host structures and along the dolomite/breccia contact.

Drilling at the Area 42 and was designed to test for the presence of the two main manganese ore types which typify the geological model at Woodie Woodie, namely, a near surface supergene oxide mineralised layer and a deeper, more depth extensive zone of hydrothermal origin hosted in and along dissolution structures within the basal dolomite beneath the overlying chert cap.



Figure 2 – Drill hole WNRC017 intersects thick manganiferous zones at Woodie Woodie North, Braeside West Prospect



Drilling at Area 42 has intersected a well-developed manganese enriched zone from 13m below surface to end of hole at a depth of 87m (Drill hole WNRC017), with mineralisation remains open at depth.

The thickness of the newly discovered mineralised zone represents the largest known intersection of manganese-rich mineralisation in the Barramine and Braeside area to date.(<u>ASX Announcement 25 August 2022</u>)

The thickness of the manganiferous zones indicate a large and well-developed hydrothermal system, which is highly prospective for the development of potentially large high-grade manganese orebodies.

Drilling results for Area's 1, 3 & 4 at Barramine and remaining holes from Area 42 are pending.

#### Phase Two Drilling

As announced on the 11 October 2022, the Company commenced it's Phase Two drilling program during the September quarter following receipt of all heritage and regulatory approvals. The phase two drilling is designed to follow-up the results of the Phase 1 Drilling, eg RC holes WNRC015 and 17 at Area 42, and to assess the potential for near surface, high grade manganese material.(<u>ASX Announcement 11</u> <u>October 2022</u>)

### Metallurgical Test Work on Area 42 Surface Material

During the September quarter, the Company reported positive results from baseline metallurgical test work on a bulk surface sample (~150kg) from the Area 42 (<u>ASX</u> <u>Announcement 27 July 2022</u>)

The results demonstrated a DSO (Direct Shipping Ore) lump quality product potential with grades up to 40.9% Mn and 13.8% Fe.



Figure 3: Photograph of the Braeside West prospect Heavy Media Separation bulk sample material



Multiple surface grab samples were collected over an area of approximately four hectares and composited into a single bulk sample representing outcropping surface manganese. Refer to Figures 3 and 4.

Whilst he tests were preliminary in nature the results confirm a proof-of-concept baseline for product optimisation in future metallurgical programs.

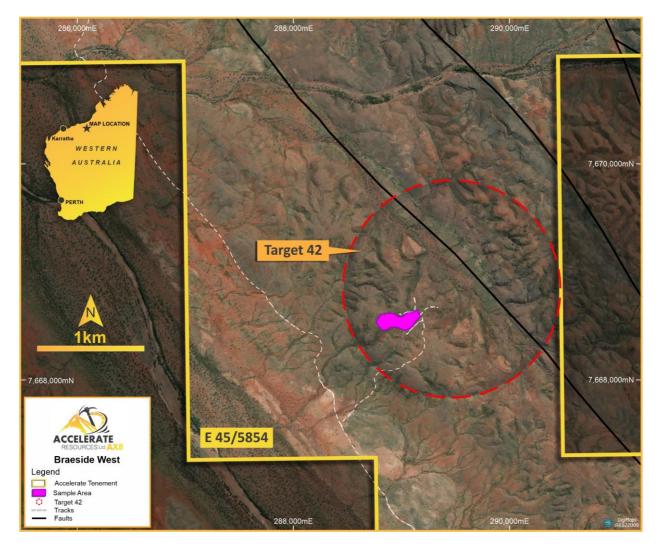


Figure 4: Bulk Sample location in the Area 42 Target of the Braeside West Prospect

# East Pilbara Lithium Project, WA

Following an encouraging initial reconnaissance sampling program earlier this year and a detailed photo interpretation, new targets have been identified for an on-ground exploration program to be conducted in November 2022.

The field work is to target potential lithium, tin, and tantalite mineralisation within pegmatites across the 369 km<sup>2</sup> project area. (Figure 5). Program will include systematic sampling of the numerous interpreted targets. Areas will be mapped to enable the accurate siting of drill holes.



Targets for drill testing will be finalised once results of the field campaign are assessed. The maiden drill program for the lithium targets is scheduled to commence in the first half of 2023.

# About East Pilbara Lithium Project

The Company's 100% owned lithium project is 30 kilometres east of the Global Lithium Resources' (ASX:GL1) Archer deposit (10.5 Mt @ 1.0% LiO2). New pegmatite targets identified using the same geological model as applied to the Archer Lithium Deposit and MB Lithium's tenements, within a 6 km to 10 km radius of the Moolyella Monzogranite.

Historical data has now been collated, and whilst there has been significant historical exploration for diamonds, limited work focussing on lithium or lithium-related pathfinder geochemistry has been recorded.

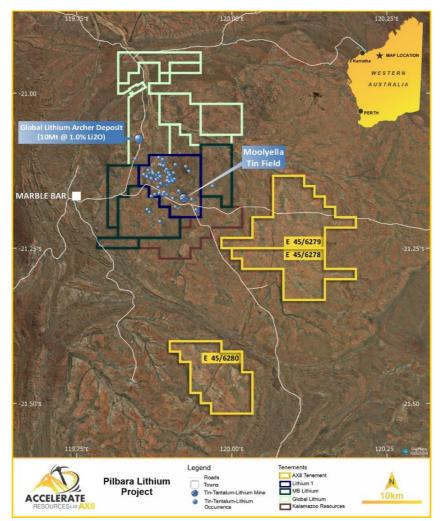


Figure 5. East Pilbara Lithium EL Applications

For more information please refer to <u>ASX Announcement dated 20 September</u> <u>2022</u>



# **Comet Gold Project, WA**

During the Quarter the Company continued to extend it's ground position in the area through low-cost tenement application. The Comet project includes 5 granted Exploration Licences (EL's) and 3 Exploration Licence Applications (ELA's), for a total area of 336 km<sup>2</sup>. A detailed project review is currently in progress. A maiden drilling program is planned for the first quarter of 2023 to test priority target areas.

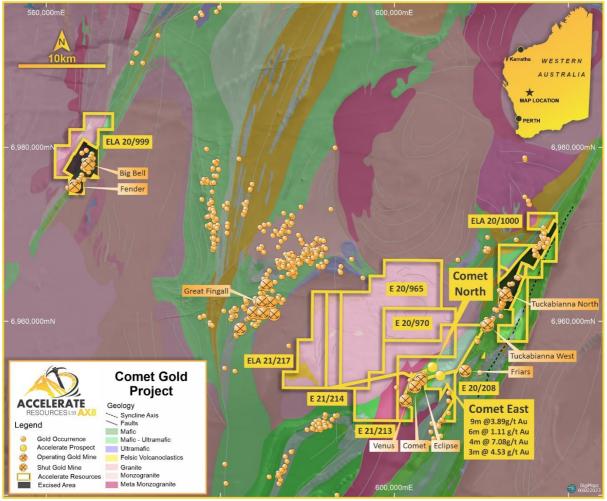


Figure 4: Comet Gold Project Location

# About Comet Gold Project, WA

The Comet Gold Project is situated centrally within the Murchison Goldfield, an historically prolific, yet under-explored, gold producing region of Western Australia. The Project area is located approximately 650 kilomteres northeast of Perth, mid-way between the active mining centres of Mt.Magnet and Meekatharra, close to the well serviced township of Cue in Western Australia.

The project tenure covers highly prospective portions of the Mount Magnet to Meekatharra Greenstone Belt, including the immediate strike extensions to the Big Bell gold mine and the Tuckabianna Shear Zone. Refer to Figure 4.



Compilation and analysis of historical RAB and RC drilling data has identified several gold targets and anomalous gold trends within the Comet Project area, including extensions to the north and east of the Comet Gold Mine and along the Antarctica gold trend in the eastern part of the license area. Additionally, wide-spaced shallow drilling at Comet East intersected significant gold mineralisation, including 4m at 7.08 g/t gold from 27m (PRB305), and 3m at 4.53 g/t gold from 60m (PRC269).(ASX announcement dated 14 July 2020)

Accelerate undertook the first phase of RC drilling at the Comet Gold Project, returning highly encouraging assay results from shallow drilling at the Comet East prospect (ASX announcement dated 2 November 2020).

Significant drill results including:

- 20CORC002 9m @ 3.89 g/t gold from 34m
- 20CORC003 6m @ 1.11 g/t gold from 30m
- 20CORC006 3m @ 2.23 g/t gold from 27m

Follow-up RC drilling was completed in late December 2020. An additional 10 RC holes for 702m (20CORC018 – 027) were drilled to infill section drill hole spacing to 40m along 160m of strike along the shallow dipping. (<u>ASX announcement dated 18</u> January 2021).

Significant drill results including:

- 20CORC019 6m @ 2.29 g/t gold from 44m, including
  - 1m @ 4.54 g/t from 45m, and
  - 1m @ 3.46 g/t from 47m
- 20CORC024 6m @ 1.45 g/t gold from 50m
- 20CORC021 1m @ 4.74 g/t gold from 62m
- 20CORC022 3m @ 3.10 g/t gold from 13m, including:
  - 1m @ 6.35 g/t from 13m
- 20CORC024 1m @ 4.96 g/t gold from 50m

# Tambellup Kaolin Project, WA

In 2021, Accelerate executed a binding agreement with Vytas Resources Pty Ltd ("Vytas") to develop a new technology material company focused on the Company's Tambellup Project and Vytas' silica assets to leverage the opportunity of supplying High Purity Alumina (HPA), HPQ and HPS for energy production (hydrogen production and solar panels), energy storage (batteries), and other industrial applications. (<u>ASX</u> <u>Announcement dated 2 September 2021</u>)

In May 2022, Accelerate and Vytas announced a maiden Inferred Mineral Resource Estimate (MRE) of approximately 12.5Mt of Kaolinised Granite, with an Al<sub>2</sub>O<sub>3</sub> content



of 36.6% and an ISO brightness of 84.8 for the Company's Tambellup Kaolin Project (Tambellup), located in southwest Western Australia.

During the quarter, Vytas has made strong progress on its IPO, with prospectus drafting finalised, Independent Technical report completed and funding strategy advanced. Subject to the market conditions, Vytas intent to launch its IPO in near terms.

### Mt Read Copper Cobalt Project, TAS

In June 2021, the Company announced that it had entered into a Heads of Agreement, granting an option to unlisted company Stunalara Metals Limited ("Stunalara") to acquire 100% of the interest in the Company's Mt Read Copper Cobalt Project in Tasmania. (ASX Announcement dated 4 June 2021)

The Mt Read Copper Cobalt Project consists of granted exploration licence EL6/2013 with a total area of 224km<sup>2</sup>. It encompasses a belt of early Cambrian to Cambrian volcano-sedimentary rocks correlated with the Mount Read Volcanics (MRV) belt of Western Tasmania. The Mount Read Volcanics are the host to most of Western Tasmania's significant base and precious metal mines and mineral occurrences, several of which have been significant producers of base metals for over 100 years.

Due to the unfavourable IPO market condition, as of 25 October 2022, the parties are mutually agreed to terminate the Heads of Agreement.

The Company will conduct its review of the Mt Read Project for Copper, Cobalt and other EV battery mineral potential, and as well as looking for parties to jointly develop the project going forward.

# Equity Position in TSX-V Listed Exploration Company Currie Rose Resources

The Company holds 8,333,333 ordinary shares in TSX Listed Exploration Company Currie Rose Resources Inc.

#### Next Steps

#### Woodie Woodie North Manganese Project

- Awaiting remaining assay results from Phase One drilling
- Completion of Phase Two drilling program by end of October 2022
- Phase One and Two compilation and assessment to inform planning of followup exploration.
- Diamond drilling for metallurgical testing planned for the first half of 2023
- Compilation of JORC compliant inferred resources for Areas 1, 3 & 4 at Barramine and for the DSO near surface component of Area 42 by year end.

### East Pilbara Lithium

- Sampling program planned in November 2022 to define targets
- Aeromagnetic survey planned for first quarter of 2023 to elucidate structure



# **Comet Gold**

 RAB drilling program planned for the first quarter of 2023 to test new target areas

# Information Required by Listing Rules

#### Listing Rule 5.3.1

During the September 2022 Quarter, the Company spent \$612,000 on project evaluation and exploration activities.

### Listing Rule 5.3.5

During the September 2022 Quarter, the Company made payments to related parties of \$55,000 for Director fees.

### -ENDS-

This announcement has been produced by the Company's published continuous disclosure policy and approved by the Board.

### For further information, please contact

# Yaxi Zhan Managing Director

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#### Forward Looking Statements

Statements contained in this release, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, reserves or potential growth of Accelerate Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on various factors.

#### **Competent Person Statement**

Information in this release related to Exploration Results is based on information compiled by Dr. Joseph Drake-Brockman. He is a qualified geologist and a Fellow of the Australian Institute of Mining and Metallurgy (AusIMM). Dr. Drake-Brockman has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves'. Dr. Drake-Brockman consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.



# Appendix

In accordance with Listing Rule 5.3.3. Accelerate provides the following information in relation to its mining tenements.

# 1. The mining tenements held at the end of the quarter and their location:

Project	Tenement Number	Status	Location	Beneficial Percentage Interest
Comet	E20/908	Granted	Western Australia	100%
Comet	E20/970	Granted	Western Australia	100%
Comet	E21/213	Granted	Western Australia	100%
Comet	E21/214	Granted	Western Australia	100%
Comet	E20/965	Granted	Western Australia	100%
Comet	E20/999	Application	Western Australia	100%
Comet	E20/1000	Application	Western Australia	100%
Wooleen Project	E59/2628	Granted	Western Australia	100%
Wooleen Project	E59/2629	Application	Western Australia	100%
Wooleen Project	E59/2630	Granted	Western Australia	100%
Wooleen Project	E59/2632	Application	Western Australia	100%
Wooleen Project	E59/2646	Application	Western Australia	100%
Woodie Woodie North Manganese	E45/5854	Granted	Western Australia	100% Mn and Iron Right
Woodie Woodie North Manganese	E45/5088	Granted	Western Australia	100% Mn and Iron Right
Woodie Woodie North Manganese	E45/6100	Application	Western Australia	100%
Woodie Woodie North Manganese	E45/5978	Granted	Western Australia	100%
Woodie Woodie North Manganese	E45/5979	Application	Western Australia	100%
Tambellup	E70/4969	Granted	Western Australia	Under an Option Agreement to sell 100% Interest
Tambellup	E70/5319	Granted	Western Australia	Under an Option Agreement to sell 100% Interest
Mt Read	EL 6/2013	Granted	Tasmania	Under an Option Agreement to sell 100% Interest



Project	Tenement Number	Status	Location	Comment
Comet	E21/217	Application	Western Australia	100%
Pilbara Lithium	E45/6278	Application	Western Australia	100%
Pilbara Lithium	E45/6279	Application	Western Australia	100%
Pilbara Lithium	E45/6280	Application	Western Australia	100%

# 2. Mining tenements acquired during the quarter and their location:

# 3. Mining tenements disposed of during the quarter and their location:

Project	Tenement Number	Status	Location	Comment
Pilbara Lithium	E45/6056	Dead	Western Australia	100%
Pilbara Lithium	E45/6057	Dead	Western Australia	100%
Pilbara Lithium	E45/6058	Dead	Western Australia	100%
Pilbara Lithium	E45/6207	Dead	Western Australia	100%

# **Appendix 5B**

# Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity	
ACCELERATE RESOURCES LIMITED (ASX CODE:	AX8)
ABN	Quarter ended ("current quarter")

33 617 821	1 771	

uarter ended ("current quarter")

30 September 2022

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation (if expensed)	-	-
	(b) development	-	-
	(c) production costs	-	-
	(d) staff cost	(55)	(55)
	(e) administration and corporate costs	(153)	(153)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other	-	-
1.9	Net cash from / (used in) operating activities	(208)	(208)

2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) entities	-	
	(b) tenements	-	
	(c) property, plant and equipment	-	
	(d) exploration & evaluation (if capitalised)	(612)	(612
	(e) investments	-	
	(f) other non-current assets	-	

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other <sup>1</sup>	-	-
2.6	Net cash from / (used in) investing activities	(612)	(612)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	
3.2	Proceeds from issue of convertible debt securities	-	
3.3	Proceeds from exercise of options	-	
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	
3.5	Proceeds from borrowings	-	
3.6	Repayment of borrowings	-	
3.7	Transaction costs related to loans and borrowings	-	
3.8	Dividends paid	-	
3.9	Other – share placement funds held on trust	-	
3.10	Net cash from / (used in) financing activities	-	

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	2,314	2,314
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(208)	(208)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(612)	(612)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-

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

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period (See Note below)	1,494	1,494

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	1,494	2,314
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,494	2,314

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	55
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

7.	<b>Financing facilities</b> Note: the term "facility' includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		
7.6	Include in the box below a description of each facility above, including the lender, interate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (Item 1.9)	(208)
8.2	Capitalised exploration & evaluation (Item 2.1(d))	(612)
8.3	Total relevant outgoings (Item 8.1 + Item 8.2)	(820)
8.4	Cash and cash equivalents at quarter end (Item 4.6)	1,494
8.5	Unused finance facilities available at quarter end (Item 7.5/7.6 notes)	-
8.6	Total available funding (Item 8.4 + Item 8.5)	1,494
8.7	Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	1.82

- 8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:
  - 1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?
  - Answer: Subject to exploration results and available cash, the Company expects to incur a similar level of net operating cash flows for the next quarter, primarily in relation to activities at the Woodie Woodie North Project.
  - 2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: Based on the results to date at the Woodie Woodie North Project and its past record for raising requisite funding, the Company expects that it will be able to fund its ongoing activities via future equity financings.

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: The Company believes it will obtain sufficient funding to continue its operations as detailed in item 8.8(2). above.

# **Compliance statement**

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 31 October 2022

Authorised by: By the Board

(Name of body or officer authorising release – see note 4)

#### Notes

- This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
- 2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, 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. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
- 4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
- 5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's Corporate Governance Principles and Recommendations, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.