### **ASX Announcement**



29 January 2021

# Quarterly Activities and Cashflow Report for Period Ended 31 December 2020

European base metals explorer Zinc of Ireland NL (ASX: ZMI) ("**ZMI**" or "**Company**") presents its Quarterly Activities and Cashflow report. As previously communicated, given the impacts of COVID-19 in Europe, the Company opted to take a watch and wait approach with respect to ongoing Government public health measures during the quarter, as Ireland continues to review and update its COVID-19 response. Zinc of Ireland considers that this was appropriate and in the interests of personnel and public safety and so that field work programmes can be implemented efficiently and to completion as soon as suitable conditions allow.

#### Highlights:

#### Consolidation of the Rathdowney Trend (as announced to the ASX on 9 September 2020)

- ZMI via (Raptor Resources) was been granted 34 Production Licenses (**PL's**) at the end of the quarter, including the Rapla, Cashel and Derrykearn blocks with six, twenty-three and five licences respectively.
- ZMI continues to consolidate 130km (approximately 2,500km²) of the mineralised Rathdowney Trend.
- The Rathdowney Trend hosts the previously mined Lisheen (22.8Mt at 14.1% Zn+Pb) and Galmoy (9.7Mt at 16.2% Zn+Pb) deposits as well as the company's Kildare deposit (11.3Mt @ 9.0% Zn + Pb) and a number of other prospects.
- The Company is now in control of what is arguably one of the most prospective exploration land packages for high grade, large tonnage, Zn/Pb deposits in the world.
- ZMI are the first company to have consolidated a commanding position on the Trend with previous
  exploration having been restricted to fragmented tenure. This will offer ZMI advantages in terms of
  the application of the latest geological and deposit modelling techniques to the comprehensive
  Rathdowney Trend data package.



## Mineral Resource Estimate - Update Kildare Zinc Project (100% owned) and associated High Level Mining Study.

An updated Inferred Mineral Resource Estimate for the Kildare Project was announced to the ASX on 8 September 2020 with resources now standing at: 11.3 Mt @ 9.0% Zn+Pb (7.8% Zn and 1.2% Pb) at a 5.0% Zn equivalent cut off.

Zinc of Ireland is pleased to announce that it has continued to consolidate its position on the Rathdowney Trend through application and government auction as well as acquisition from third parties. The Company now controls 130km of the Rathdowney Trend covering 2,493km² as shown on Figure 1. ZMI are now in control of what is arguably one of the most prospective belts of ground for high grade, large tonnage, "Irish Type" Zn/Pb deposits in the world. The acquisition of this tenement portfolio along with the wealth of freely available historic data will allow the Company to utilise the latest geological and deposit modelling techniques by applying a belt scale approach to exploration that has not been possible previously.

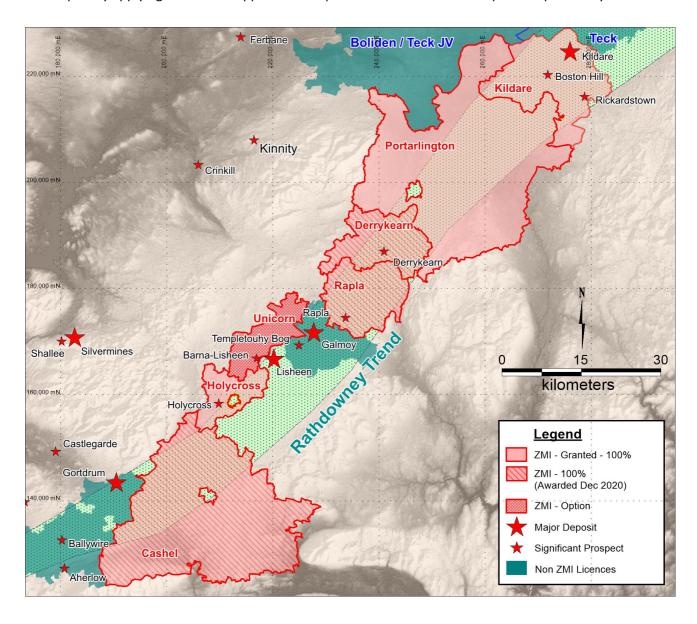


Figure 1. ZMI Licence position on the Rathdowney Trend



Specific data consolidation activities have included:

- The historic exploration data held in the open file archives of the Geological Survey of Ireland and the Exploration and Mining Division has been accessed, downloaded and assessed;
- The ZMI digital database for the Block now contains: 307,289 soil samples, 26,927 roadside soil samples, 20,149 deep overburden samples and collar data for 1,754 exploration drill holes;
- 10 separate airborne geophysical surveys (Magnetics, EM and Radiometrics) have been flown over parts of the block from the early 80's until 2019, ZMI has acquired the data for all surveys;
- Targeting is ongoing via the application of the historic data to identify areas with prospective geology, structural architecture, alteration and mineralisation (see Figure 2); and
- Historic diamond drilling data is being reviewed using modern GIS systems and the latest mineralogical models for Irish Type Zn/Pb Deposits.

Quality target areas are being identified and comprehensive follow up work programmes will be designed.

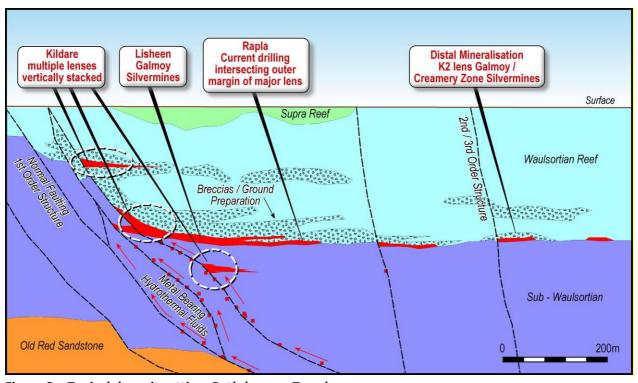


Figure 2 – Typical deposit setting; Rathdowney Trend

An updated Inferred Mineral Resource Estimate for the Kildare Project was reported to the ASX on 8 September 2020 with resources now standing at: 11.3 Mt @ 9.0% Zn+Pb (7.8% Zn and 1.2% Pb) at a 5.0% Zn equivalent cut off. Assaying and interpretation of drilling undertaken into the Fault Compartment 3 (FC3) area at Kildare was completed early in 2020. This work was included into the Company's updated Inferred Mineral Resource Estimate (MRE) for the Kildare project, details of which are given in Table 1. below.



	McGregor Shamrock and FC3 Inferred Mineral Resource						
Deposit	ZnEq Cut Off (%)	Mt	Zn%	Pb%	Zn + Pb%	Zn (kt)	Pb (kt)
McGregor	3.5	13.2	6.2	1.0	7.1	815	127
Shamrock	3.5	6.9	5.4	0.9	6.3	376	59
FC-3	3.5	1.5	6.4	0.9	7.3	98	14
Total	3.5	21.7	5.9	0.9	6.9	1,289	201
McGregor	4.0	11.0	6.7	1.1	7.7	736	117
Shamrock	4.0	5.4	6.0	0.9	6.9	325	49
FC-3	4.0	1.2	7.3	1.0	8.3	87	12
Total	4.0	17.6	6.5	1.0	7.5	1,147	178
McGregor	4.5	8.7	7.4	1.2	8.6	641	106
Shamrock	4.5	4.3	6.6	1.0	7.5	282	41
FC-3	4.5	1.0	8.0	1.0	9.0	80	10
Total	4.5	14.0	7.2	1.1	8.3	1,003	156
McGregor	5.0	7.0	8.1	1.4	9.5	565	95
Shamrock	5.0	3.5	7.1	0.9	8.1	248	33
FC-3	5.0	0.9	8.5	1.0	9.5	74	9
Total	5.0	11.3	7.8	1.2	9.0	887	136
McGregor	5.5	5.9	8.7	1.5	10.2	510	86
Shamrock	5.5	3.1	7.4	1.0	8.4	228	30
FC-3	5.5	0.8	9.0	1.0	10.0	70	8
Total	5.5	9.7	8.3	1.3	9.6	808	124
McGregor	6.0	5.0	9.3	1.6	10.9	465	78
Shamrock	6.0	2.6	7.7	1.0	8.8	204	27
FC-3	6.0	0.7	9.2	1.0	10.2	68	8
Total	6.0	8.4	8.8	1.3	10.1	737	113

Table 1. Updated Mineral Resource Estimate Table, Kildare.

#### **Navan Licences**

The Company surrendered three licences during the quarter (PL's 2702, 3219 and 3220) in counties Meath and Offaly as part of an ongoing focus on tenement consolidation.

#### Other Matters – Corporate

The Company had cash on hand as at 31 December 2020 of approx. \$566k. During the quarter A\$24,375 was paid to related parties for Director's fees, these fees were payable on normal commercial terms.

On the 27 November 2020 the Company held a Special General Meeting and its Annual General Meeting, all resolutions were passed on a poll.



The Board of Directors of Zinc of Ireland NL have authorised this announcement for release to the market.

Yours faithfully,

**Richard Monti** 

Non-Executive Chairman
Zinc of Ireland NL

**Investor Inquiries:** 

Richard Monti Zinc of Ireland NL Tel: +61 8 9287 4600

#### **Competent Persons' Statements**

The information in this report that relates to exploration results is based on information compiled by Mr. Greg Hope, a Competent Person who is a member of the Australian Institute of Geoscientists (AIG) Mr. Hope has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral resources and Ore Reserves (JORC Code). Mr. Hope consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Mineral Resources at ZMI's Kildare Project is based on information compiled by Brian Wolfe, Principal Consultant of International Resource Solutions Pty Ltd. Mr Wolfe is a Member of the Australian Institute of Geoscientists (AIG) and has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral resources and Ore Reserves (JORC Code). Mr. Wolfe consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

#### Disclaimer

Certain statements contained in this announcement, including information as to the future financial or operating performance of ZMI and its projects, are forward-looking statements that:

- may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by ZMI, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and,
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.



#### **TENEMENT DETAILS**

Location	Project Name	Tenement #	Ownership	Titleholder #
Ireland	Navan	1450		Beal Na Blath
ii ciana	Navan	1430	100%	Resources Ltd
Ireland	Navan	2836		Beal Na Blath
			100%	Resources Ltd
Ireland	Kildare	3846	100%	Raptor Resources
Ireland	Kildare	3866	100%	Raptor Resources
Ireland	Kildare	4069	100%	Raptor Resources
Ireland	Kildare	4070	100%	Raptor Resources
Ireland	Kildare	4072	100%	Raptor Resources
Ireland	Kildare	4073	100%	Raptor Resources
Ireland	Kildare	890	100%	Raptor Resources
Ireland	Charlestown	2981		Beal Na Blath
ireiariu	Charlestown	2301	100%	Resources Ltd
Ireland	Charlestown	2982		Beal Na Blath
			100%	Resources Ltd
Ireland	Charlestown	2523	1000/	Beal Na Blath
			100%	Resources Ltd Beal Na Blath
Ireland	Charlestown	1022	100%	Resources Ltd
			10070	Beal Na Blath
Ireland	Charlestown	1562	100%	Resources Ltd
luolo a d	Charlastavia	2774		Beal Na Blath
Ireland	Charlestown	3771	100%	Resources Ltd
Ireland	Charlestown	3772		Beal Na Blath
ii ciaria	Charlestown	3772	100%	Resources Ltd
Ireland	Charlestown	3774		Beal Na Blath
			100%	Resources Ltd
Ireland	Charlestown	3887	100%	Beal Na Blath Resources Ltd
			100%	Beal Na Blath
Ireland	Charlestown	3929	100%	Resources Ltd
		2222		Beal Na Blath
Ireland	Charlestown	3930	100%	Resources Ltd
Ireland	Holycross	3318		Centenary
ireianu	Holycross	2210	100%	Resources
Ireland	Holycross	4035		Centenary
	,		100%	Resources
Ireland	Holycross	4510	1000/	Centenary
Iroland	Dortarlington	1620	100%	Resources
Ireland	Portarlington	1628	100%	Raptor Resources
Ireland	Portarlington	3648	100%	Raptor Resources
Ireland	Portarlington	3854	100%	Raptor Resources
Ireland	Portarlington	4067	100%	Raptor Resources
Ireland	Portarlington	4066	100%	Raptor Resources



Ireland	Portarlington	4065	100%	Raptor Resources
Ireland	_	3674		•
Ireland	Portarlington		100%	Raptor Resources
	Portarlington	3662	100%	Raptor Resources
Ireland	Portarlington	3322	100%	Raptor Resources
Ireland	Portarlington	2748	100%	Raptor Resources
Ireland	Portarlington	2627	100%	Raptor Resources
Ireland	Portarlington	2474	100%	Raptor Resources
Ireland	Portarlington	1640	100%	Raptor Resources
Ireland	Portarlington	1641	100%	Raptor Resources
Ireland	Portarlington	2219	100%	Raptor Resources
Ireland	Portarlington	2512	100%	Raptor Resources
Ireland	Portarlington	2513	100%	Raptor Resources
Ireland	Portarlington	2516	100%	Raptor Resources
Ireland	Portarlington	3427	100%	Raptor Resources
Ireland	Portarlington	3649	100%	Raptor Resources
Ireland	Portarlington	3675	100%	Raptor Resources
Ireland	Portarlington	4071	100%	Raptor Resources
Ireland	Portarlington	4356	100%	Raptor Resources
Ireland	Rapla	1652	100%	Raptor Resources
Ireland	Rapla	1653	100%	Raptor Resources
Ireland	Rapla	3312	100%	Raptor Resources
Ireland	Rapla	4041	100%	Raptor Resources
Ireland	Rapla	4042	100%	Raptor Resources
Ireland	Rapla	4048	100%	Raptor Resources
Ireland	Derrykearn	1650	100%	Raptor Resources
Ireland	Derrykearn	2625	100%	Raptor Resources
Ireland	Derrykearn	3158	100%	Raptor Resources
Ireland	Derrykearn	3160	100%	Raptor Resources
Ireland	Derrykearn	3263	100%	Raptor Resources
Ireland	Cashel	1575	100%	Raptor Resources
Ireland	Cashel	2026	100%	Raptor Resources
Ireland	Cashel	2027	100%	Raptor Resources
Ireland	Cashel	2717	100%	Raptor Resources
Ireland	Cashel	2718	100%	Raptor Resources
Ireland	Cashel	3316	100%	Raptor Resources
Ireland	Cashel	3317	100%	Raptor Resources
Ireland	Cashel	3319	100%	Raptor Resources
Ireland	Cashel	3320	100%	Raptor Resources
Ireland	Cashel	3358	100%	Raptor Resources
Ireland	Cashel	3421	100%	Raptor Resources
Ireland	Cashel	3689	100%	Raptor Resources
Ireland	Cashel	3827	100%	Raptor Resources
Ireland	Cashel	4112	100%	Raptor Resources



Ireland	Cashel	4113	100%	Raptor Resources
Ireland	Cashel	4114	100%	Raptor Resources
Ireland	Cashel	4116	100%	Raptor Resources
Ireland	Cashel	4117	100%	Raptor Resources
Ireland	Cashel	4118	100%	Raptor Resources
Ireland	Cashel	4480	100%	Raptor Resources
Ireland	Cashel	4481	100%	Raptor Resources
Ireland	Cashel	4482	100%	Raptor Resources
Ireland	Cashel	4483	100%	Raptor Resources

<sup>#</sup> Beal na Blath Resources Ltd, Raptor Resources Ltd and Centenary Resources Limited are wholly-owned subsidiaries of Zinc Mines of Ireland Limited. Zinc Mines of Ireland Limited is a wholly-owned subsidiary of Zinc of Ireland NL (ZMI).



### Appendix 5B

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

Name of entity

Zinc of Ireland NL				
ABN	Quarter ended ("current quarter")			
23 124 140 889	31 December 2020			

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(24)	(48)
	(e) administration and corporate costs	(114)	(190)
1.3	Dividends received	-	-
1.4	Interest received	-	1
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	-
1.9	Net cash from / (used in) operating activities	(138)	(237)

2.	Ca	sh flows from investing activities		
2.1	Payments to acquire or for:			
	(a)	entities	-	-
	(b)	tenements	-	-
	(c)	property, plant and equipment	-	-
	(d)	exploration & evaluation	(35)	(231)
	(e)	investments	-	-
	(f)	other non-current assets	-	-



Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	50	50
	(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 (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	15	(182)

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 (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	-

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Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	694	990
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(138)	(238)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	15	(182)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-
4.5	Effect of movement in exchange rates on cash held	(5)	(4)
4.6	Cash and cash equivalents at end of period	566	566

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	546	674
5.2	Call deposits	20	20
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)	566	694

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	24*
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-
	if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must includnation for, such payments.	le a description of, and an

<sup>&#</sup>x27;\*' Directors fees paid on normal commercial terms.



Financing facilities  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	
Loan facilities	-	-	
Credit standby arrangements	-	-	
Other (please specify)	-	-	
Total financing facilities	-	-	
Unused financing facilities available at quarter end			
Include in the box below a description of each facility above, including the lender, interest rate, 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.			
	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.  Loan facilities  Credit standby arrangements  Other (please specify)  Total financing facilities  Unused financing facilities available at qualinclude in the box below a description of each rate, maturity date and whether it is secured facilities have been entered into or are proposed.	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.  Loan facilities - Credit standby arrangements - Other (please specify) - Total financing facilities - Unused financing facilities available at quarter end  Include in the box below a description of each facility above, including rate, maturity date and whether it is secured or unsecured. If any additacilities have been entered into or are proposed to be entered into af	

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(138)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(35)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(173)
8.4	Cash and cash equivalents at quarter end (item 4.6)	566
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	566
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	3.27

Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:

8.8.1 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: Not applicable

8.8.2 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: Not applicable

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

Answer: Not applicable

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.



#### Compliance statement

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- 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.

Sign here:	·	Date: 29 January 2021
	Jerry Monzu (Company Secretary)	

The Board of Directors of Zinc of Ireland NL have authorised this announcement for release to the market.

#### 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.
- 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.
- 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 - e.g. 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".
- 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.

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