



a subsidiary of xstrata

Sphere Minerals Limited

ACN 009 134 347
Level 38, Gateway, 1 Macquarie Place
Sydney NSW 2000
Telephone: +61 2 9253 6700
Fax: +61 2 9241 6898
Email: info@sphereminerals.com.au

26 October 2012

Company Announcements Officer
Australian Securities Exchange
20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

In accordance with the *AXS Listing Rules*, we attach an ASX form Appendix 3B (New issue announcement) regarding the issue of 6,450,000 fully paid ordinary shares in Sphere Minerals Limited.

Yours sincerely

Anthony Durbin
Company Secretary
Sphere Minerals Limited
Direct: +61 2 9253 6730
Fax: +61 2 9241 6898

Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12

Name of entity

SPHERE MINERALS LIMITED

ABN

66 009 134 847

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

- 1 +Class of +securities issued or to be issued

Fully paid ordinary shares

- 3 Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion)

On the same terms of existing fully paid ordinary shares

+ See chapter 19 for defined terms.

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<p>4 Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	<p>Yes - Ordinary shares</p>
<p>5 Issue price or consideration</p>	<p>\$13,560,000</p>
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>Exercise of 3,200,000 unquoted options at \$1.80 each and 3,250,000 unquoted options at \$2.40 each</p>
<p>If Yes, complete sections 6b – 6h in relation to the +securities the subject of this Appendix 3B, and comply with section 6i</p>	
<p>6b The date the security holder resolution under rule 7.1A was passed</p>	
<p>6c Number of +securities issued without security holder approval under rule 7.1</p>	

+ See chapter 19 for defined terms.

6d Number of +securities issued with security holder approval under rule 7.1A

6e Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)

6f Number of securities issued under an exception in rule 7.2

6g If securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the issue date and both values. Include the source of the VWAP calculation.

6h If securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements

6i Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market

	Number	+Class
8 Number and +class of all +securities quoted on ASX (including the securities in section 2 if applicable)	218,269,296	Shares (SPH)

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	Number	+Class
9	Number and +class of all +securities not quoted on ASX (including the securities in section 2 if applicable)	Nil

10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Not applicable
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Part 2 - Bonus issue or pro rata issue

11	Is security holder approval required?	Not applicable
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12	Is the issue renounceable or non-renounceable?	Not applicable
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13	Ratio in which the +securities will be offered	Not applicable
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14	+Class of +securities to which the offer relates	Not applicable
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15	+Record date to determine	Not applicable
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17	Policy for deciding entitlements in relation to fractions	Not applicable
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18	Names of countries in which the entity has +security holders who will not be sent new issue documents <small>Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.</small>	Not applicable
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+ See chapter 19 for defined terms.

19 Closing date for receipt of acceptances or renunciations of

Not applicable

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20	Names of any underwriters	Not applicable
21	Amount of any underwriting fee or commission	Not applicable
22	Names of any brokers to the issue	Not applicable
23	Fee or commission payable to the broker to the issue	Not applicable
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of +security holders	Not applicable
25	If the issue is contingent on +security holders' approval, the date of the meeting	Not applicable
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	Not applicable
27	If the entity has issued options, and the terms entitle option holders to participate on	Not applicable
29	Date rights trading will end (if applicable)	Not applicable
30	How do +security holders sell their entitlements <i>in full</i> through a broker?	Not applicable
31	How do +security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	Not applicable

+ See chapter 19 for defined terms.

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32 How do ⁺security holders dispose of their entitlements (except by sale through a broker)?

33 ⁺Despatch date

Part 3 - Quotation of securities

You need only complete this section if you are applying for quotation of securities

34 Type of securities
(tick one)

(a) Securities described in Part 1

(b) All other securities

Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to indicate you are providing the information or

⁺securities setting out the number of holders in the categories
1 - 1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 100,000
100,001 and over

37 A copy of any trust deed for the additional ⁺securities

⁺ See chapter 19 for defined terms.

Entities that have ticked box 34(b)

38 Number of securities for which
+quotation is sought

39 Class of +securities for which
quotation is sought

40 Do the +securities rank equally in
all respects from the date of
allotment with an existing +class
of quoted +securities?

If the additional securities do not
rank equally, please state:

- the date from which they do
- the extent to which they
participate for the next
dividend, (in the case of a
trust, distribution) or interest
payment
- the extent to which they do
not rank equally, other than in
relation to the next dividend,
distribution or interest
payment

41 Reason for request for quotation
now

	Number	+Class
42 Number and +class of all +securities quoted on ASX (including the securities in clause 38)		

+ See chapter 19 for defined terms.

Quotation agreement

1 +Quotation of our additional +securities is in ASX's absolute discretion. ASX may quote the +securities on any conditions it decides.

2 We warrant the following to ASX.

- The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
- There is no reason why those +securities should not be granted +quotation.
- An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.
- If we are a trust, we warrant that no person has the right to return the +securities to be quoted under section 1019B of the Corporations Act at the time that we request that the +securities be quoted.

+quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:
(Director/Company secretary)

Date: 26/10/2012

Print name: Anthony J. DURBIN.....

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+ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for ⁺eligible entities

Introduced 01/08/12

Part 1

Rule 7.1 – Issues exceeding 15% of capital	
Step 1: Calculate “A”, the base figure from which the placement capacity is calculated	
Insert number of fully paid ordinary securities on issue 12 months before date of issue or agreement to issue	
Add the following: <ul style="list-style-type: none"> • Number of fully paid ordinary securities issued in that 12 month period under an exception in rule 7.2 • Number of fully paid ordinary securities issued in that 12 month period with shareholder approval • Number of partly paid ordinary securities that became fully paid in that 12 month period 	
<i>this form is annexed</i> <ul style="list-style-type: none"> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	
Subtract the number of fully paid ordinary securities cancelled during that 12 month period	
“A”	

+ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities	
Step 1: Calculate “A”, the base figure from which the placement capacity is calculated	
“A” <i>Note: number must be same as shown in Step 1 of Part 1</i>	
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	
Step 3: Calculate “E”, the amount of placement capacity under rule 7.1A that has already been used	
<i>Insert</i> number of equity securities issued or agreed to be issued in that 12 month period under rule 7.1A <i>Notes:</i> <ul style="list-style-type: none"> • <i>This applies to equity securities – not just ordinary securities</i> • <i>Include here – if applicable – the</i> 	
<i>line items</i>	
“E”	

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Step 4: Subtract “E” from [“A” x “D”] to calculate remaining placement capacity under rule 7.1A	
<p>“A” x 0.10</p> <p><i>Note: number must be same as shown in Step 2</i></p>	
<p>Subtract “E”</p> <p><i>Note: number must be same as shown in Step 3</i></p>	
<p>Total [“A” x 0.10] – “E”</p>	<p><i>Note: this is the remaining placement capacity under rule 7.1A</i></p>

+ See chapter 19 for defined terms.