

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 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003.

Name of entity

Mineral Resources Limited

ABN

33 118 549 910

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 | Ordinary Shares Fully Paid |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 4,565,000 |
| 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) | Ordinary Shares Fully Paid |

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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? 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</p>
<p>5 Issue price or consideration</p>	<ol style="list-style-type: none"> 1. \$809,350 for 65,000 shares issued to CPU Share Plans Pty Limited in its capacity as trustee of the “Mineral Resources Limited Employee Share Trust” to be held on behalf of participants in the Mineral Resources Limited Employee Share Option Plan. 2. 4,500,000 fully paid ordinary shares – issued in consideration for the acquisition of Auvex Resources Limited, as per the scheme of arrangement between Auvex Resources Limited and its shareholders approved by the Federal Court of Australia on 20 July 2011.
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<ol style="list-style-type: none"> 1. 65,000 shares issued to CPU Share Plans Pty Limited in its capacity as trustee of the “Mineral Resources Limited Employee Share Trust” issued as a result of the exercise of 20,000 unlisted options expiring on 31/12/11 at an exercise price of \$6.31, 30,000 unlisted options expiring on 31/12/11 at an exercise price of \$4.31, and 15,000 unlisted options expiring on 15/01/13 at an exercise price of \$2.00 pursuant to the terms of the Mineral Resources Limited Employee Share Option Plan, 2. Consideration for the acquisition of Auvex Resources Limited
<p>7 Dates of entering +securities into uncertificated holdings or despatch of certificates</p>	<p>2 August 2011</p>

+ See chapter 19 for defined terms.

	Number	+Class
8	Number and +class of all +securities quoted on ASX (including the securities in clause 2 if applicable)	173,773,017 Ordinary Shares

	Number	+Class	
9	Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)	10,000,000 391,500 637,750 107,500 152,500 30,000	Options \$6.05, 6/8/11 Options \$1.90, 15/1/12 Options \$2.00, 15/1/13 Options \$4.31, 31/12/11 Options \$6.31, 31/12/11 Options \$4.03, 15/1/14

10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Ordinary shares participate equally with existing shareholders
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Part 2 - Bonus issue or pro rata issue

- | | | |
|----|--|--|
| 11 | Is security holder approval required? | |
| 12 | Is the issue renounceable or non-renounceable? | |
| 13 | Ratio in which the +securities will be offered | |
| 14 | +Class of +securities to which the offer relates | |
| 15 | +Record date to determine entitlements | |
| 16 | Will holdings on different registers (or subregisters) be aggregated for calculating entitlements? | |
| 17 | Policy for deciding entitlements in relation to fractions | |

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- 18 Names of countries in which the entity has +security holders who will not be sent new issue documents
Note: Security holders must be told how their entitlements are to be dealt with.
Cross reference: rule 7.7.
- 19 Closing date for receipt of acceptances or renunciations
- 20 Names of any underwriters
- 21 Amount of any underwriting fee or commission
- 22 Names of any brokers to the issue
- 23 Fee or commission payable to the broker to the issue
- 24 Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of +security holders
- 25 If the issue is contingent on +security holders' approval, the date of the meeting
- 26 Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled
- 27 If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders
- 28 Date rights trading will begin (if applicable)
- 29 Date rights trading will end (if applicable)
- 30 How do +security holders sell their entitlements *in full* through a broker?

+ See chapter 19 for defined terms.

- 31 How do +security holders sell *part* of their entitlements through a broker and accept for the balance?
- 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 documents

- 35 If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders
- 36 If the +securities are +equity securities, a distribution schedule of the additional +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

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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	<p>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 					
41	<p>Reason for request for quotation now</p> <p>Example: In the case of restricted securities, end of restriction period</p> <p>(if issued upon conversion of another security, clearly identify that other security)</p>					
42	Number and +class of all +securities quoted on ASX (<i>including</i> the securities in clause 38)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px;">Number</th> <th style="width: 50%; padding: 5px;">+Class</th> </tr> </thead> <tbody> <tr> <td style="height: 50px;"></td> <td></td> </tr> </tbody> </table>	Number	+Class		
Number	+Class					

+ See chapter 19 for defined terms.

