

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, 04/03/13

Name of entity

Lithium Australia NL

ABN

29 126 129 413

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 | Performance Rights |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 1,250,000 |
| 3 | Principal terms of the +securities (e.g. 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) | Performance Rights – As listed in the 2016 AGM Notice dated 19 October 2016 |

+ See chapter 19 for defined terms.

4	<p>Do the ⁺securities rank equally in all respects from the ⁺issue date 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>No - Performance Rights – As listed in the 2016 AGM Notice dated 19 October 2016</p>
5	Issue price or consideration	Nil
6	<p>Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	Performance Rights
6a	<p>Is the entity an ⁺eligible entity that has obtained security holder approval under rule 7.1A?</p> <p>If Yes, complete sections 6b – 6h <i>in relation to the ⁺securities the subject of this Appendix 3B</i>, and comply with section 6i</p>	Yes
6b	The date the security holder resolution under rule 7.1A was passed	28 November 2016
6c	Number of ⁺ securities issued without security holder approval under rule 7.1	

⁺ 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	1,250,000
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 Announcements	Rule 7.1 – 38,165,307 Rule 7.1A – 25,632,231
7	+Issue dates Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A. Cross reference: item 33 of Appendix 3B.	23 December 2016

+ See chapter 19 for defined terms.

8	Number and ⁺ class of all ⁺ securities quoted on ASX (including the ⁺ securities in section 2 if applicable)	Number	⁺ Class
		256,336,055 132,850,148	Fully paid ordinary shares Partly paid contributing shares paid to \$0.0001 each (\$0.2499 unpaid)
9	Number and ⁺ class of all ⁺ securities not quoted on ASX (including the ⁺ securities in section 2 if applicable)	Number	⁺ Class
		4,316,666	\$0.15 options exercisable on or before 1 July 2019
		7,875,000	\$0.20 options exercisable on or before 1 July 2019
		9,200,000	\$0.30 options exercisable on or before 1 July 2019
		10,340,000	Performance Rights as approved by shareholders on 15 July 2015
		16,250,000	Performance Rights as approved by shareholders on 30 November 2016
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	N/A	

Part 2 - 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	

⁺ See chapter 19 for defined terms.

- | | | |
|----|--|--|
| 16 | Will holdings on different registers (or subregisters) be aggregated for calculating entitlements? | |
| 17 | Policy for deciding entitlements in relation to fractions | |
| 18 | Names of countries in which the entity has security holders who will not be sent new offer 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 offer documents will be sent to persons entitled | |

+ See chapter 19 for defined terms.

- 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?
- 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 +Issue 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

+ See chapter 19 for defined terms.

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

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 +issue date 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
-

+ See chapter 19 for defined terms.

41 Reason for request for quotation now

Example: In the case of restricted securities, end of restriction period (if issued upon conversion of another +security, clearly identify that other +security)

	Number	+Class
42 Number and +class of all +securities quoted on ASX (including the +securities in clause 38)	256,336,055 132,850,148	Fully paid ordinary shares Partly paid contributing shares paid to \$0.0001 each (\$0.2499 unpaid)

+ 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.
- 3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- 4 We give ASX the information and documents required by this form. If any information or document is not available now, we will give it to ASX before +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: "Barry Woodhouse"
Company Secretary

Date: 23 December 2016

Print name: Barry Woodhouse

+ 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 Amended 04/03/13

Part 1

Rule 7.1 – Issues exceeding 15% of capital	
<i>Step 1: Calculate “A”, the base figure from which the placement capacity is calculated</i>	
<i>Insert</i> number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue	137,697,715
<i>Add</i> 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 	21,097,617 62,074,574 35,452,400
<i>Note:</i> <ul style="list-style-type: none"> • <i>Include only ordinary securities here – other classes of equity securities cannot be added</i> • <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	
<i>Subtract</i> the number of fully paid +ordinary securities cancelled during that 12 month period	Nil
“A”	256,322,306

+ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"	
"B"	0.15 <i>[Note: this value cannot be changed]</i>
Multiply "A" by 0.15	38,448,346
Step 3: Calculate "C", the amount of placement capacity under rule 7.1 that has already been used	
<p>Insert number of ⁺equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:</p> <ul style="list-style-type: none"> • Under an exception in rule 7.2 • Under rule 7.1A • With security holder approval under rule 7.1 or rule 7.4 <p><i>Note:</i></p> <ul style="list-style-type: none"> • <i>This applies to equity securities, unless specifically excluded – not just ordinary securities</i> • <i>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	283,039
"C"	283,039
Step 4: Subtract "C" from ["A" x "B"] to calculate remaining placement capacity under rule 7.1	
<p>"A" x 0.15</p> <p><i>Note: number must be same as shown in Step 2</i></p>	38,448,346
<p>Subtract "C"</p> <p><i>Note: number must be same as shown in Step 3</i></p>	283,039
Total ["A" x 0.15] – "C"	38,165,307 <i>[Note: this is the remaining placement capacity under rule 7.1]</i>

+ 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>	256,322,307
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	25,632,231
Step 3: Calculate “E”, the amount of placement capacity under rule 7.1A that has already been used	
Insert number of ⁺ equity securities issued or agreed to be issued in that 12 month period under rule 7.1A Notes: <ul style="list-style-type: none"> • <i>This applies to equity securities – not just ordinary securities</i> • <i>Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed</i> • <i>Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained</i> • <i>It may be useful to set out issues of securities on different dates as separate line items</i> 	-
“E”	25,632,231

+ See chapter 19 for defined terms.

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A	
"A" x 0.10 <i>Note: number must be same as shown in Step 2</i>	25,632,231
Subtract "E" <i>Note: number must be same as shown in Step 3</i>	-
Total ["A" x 0.10] – "E"	25,632,231 <i>Note: this is the remaining placement capacity under rule 7.1A</i>

Attachment A

Summary of Performance Rights Hurdles

The Company is cognisant of the requirement to preserve cash, while providing the principal drivers of Shareholder value with appropriate incentives. The following tables identify the hurdles to be reached for each of the Performance Rights.

Hurdle
Successful Pre-Feasibility Study on Sileach™ Technology
Procurement of feed to support 17,000 tpa lithium carbonate from Sileach™ plant
Commitment decision to large-scale pilot facility
Financial Investment Decision for full scale development plant

The Company has the aim of establishing a lithium production hub in Western Australia or other suitable location. It is setting a tight deadline target for directors and management to achieve, due to the fundamental shift that is to occur in the lithium industry in the near future as expanded production from spodumene mining in Western Australia becomes a reality. Success in achieving a financial investment decision would certainly rate LIT as one of the major participants in the global lithium industry.

The full terms of grant of the Performance Rights are set out in the 2016 Annual General Meeting Notice. Those terms include the following.

- (a) The Performance Rights issued will not vest and the underlying Shares will not be issued until the performance targets as listed above have been achieved.
- (b) If the beneficiary of the Performance Rights elects to resign prior to the vesting period, then the right to the underlying Shares is forfeited.
- (c) If the director elects to resign then the right to the underlying shares is forfeited.
- (d) If the director's office as director is terminated, then the Performance Rights vest immediately upon the date of termination.

+ See chapter 19 for defined terms.