

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

GREATCELL SOLAR LIMITED

ABN

92 111 723 883

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

1,331,522

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)

There is no exercise price for the Performance Rights. The Performance Rights will vest and convert to Shares upon satisfaction of vesting conditions over the vesting period from date of grant of the Performance Rights to 1 December 2020.

⁺ See chapter 19 for defined terms.

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4	Do the ⁺ securities rank equally in all respects from the date of allotment with an existing ⁺ class of quoted ⁺ securities?	<p>No.</p> <p>Shares acquired on vesting of the Performance Rights will rank equally with all existing shares from the date of allocation.</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
5	Issue price or consideration	Nil.
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	<p>The Performance Rights have been issued to the Managing Director under the Greatcell Solar Performance Rights Plan following approval by shareholders at the Company's 2017 Annual General Meeting.</p>
6a	Is the entity an ⁺ eligible entity that has obtained security holder approval under rule 7.1A?	<p>No</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>
6b	The date the security holder resolution under rule 7.1A was passed	N/A
6c	Number of ⁺ securities issued without security holder approval under rule 7.1	N/A
6d	Number of ⁺ securities issued with security holder approval under rule 7.1A	N/A
6e	Number of ⁺ securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	N/A

⁺ See chapter 19 for defined terms.

6f	Number of securities issued under an exception in rule 7.2	N/A				
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.	N/A				
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	N/A				
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	L/R 7.1 31,543,590 L/R 7.1A N/A				
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.	17 January 2018				
8	Number and ⁺ class of all ⁺ securities quoted on ASX (<i>including</i> the securities in section 2 if applicable)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Number</th> <th style="text-align: left; padding: 2px;">⁺Class</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 2px;">388,068,379</td> <td style="text-align: left; padding: 2px;">Ordinary fully paid shares</td> </tr> </tbody> </table>	Number	⁺ Class	388,068,379	Ordinary fully paid shares
Number	⁺ Class					
388,068,379	Ordinary fully paid shares					
9	Number and ⁺ class of all ⁺ securities not quoted on ASX (including the securities in section 2 if applicable)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Number</th> <th style="text-align: left; padding: 2px;">⁺Class</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 2px;">6,264,233</td> <td style="text-align: left; padding: 2px;">Performance Rights</td> </tr> </tbody> </table>	Number	⁺ Class	6,264,233	Performance Rights
Number	⁺ Class					
6,264,233	Performance Rights					
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Not applicable				

Part 2 - Pro rata issue

Questions 11 to 33 Not Applicable

⁺ See chapter 19 for defined terms.

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

Questions 35 to 37 - Not Applicable

Entities that have ticked box 34(b)

Questions 38 to 42 - Not Applicable

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, 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: Date: **17 January 2018**
(Company secretary)

Print name: **Kim Hogg**

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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 Amended 04/03/13

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 the ⁺ issue date or date of agreement to issue	372,953,676	
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 7.2Number of fully paid ordinary securities issued in that 12 month period with shareholder approvalNumber of partly paid ordinary securities that became fully paid in that 12 month period Note: <ul style="list-style-type: none">Include only ordinary securities here – other classes of equity securities cannot be addedInclude here (if applicable) the securities the subject of the Appendix 3B to which this form is annexedIt may be useful to set out issues of securities on different dates as separate line items	15,114,703	1 Sep 2017
Subtract the number of fully paid ordinary securities cancelled during that 12 month period	-	
“A”	388,068,379	

⁺ See chapter 19 for defined terms.

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Step 2: Calculate 15% of “A”		
“B”	0.15 <i>[Note: this value cannot be changed]</i>	
Multiply “A” by 0.15	58,210,257	
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>Note:</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> 	26,666,667	2 Nov 2017
“C”	26,666,667	
Step 4: Subtract “C” from [“A” x “B”] to calculate remaining placement capacity under rule 7.1		
“A” x 0.15 <i>Note: number must be same as shown in Step 2</i>	58,210,257	
Subtract “C” <i>Note: number must be same as shown in Step 3</i>	(26,666,667)	
Total [“A” x 0.15] – “C”	31,543,590 <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>	N/A
Step 2: Calculate 10% of “A”	
“D” <i>Note: this value cannot be changed</i>	0.10
<i>Multiply “A” by 0.10</i>	
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 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”	
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>	
Subtract “E” <i>Note: number must be same as shown in Step 3</i>	
Total [“A” x 0.10] – “E”	<i>Note: this is the remaining placement capacity under rule 7.1A</i>

+ See chapter 19 for defined terms.