

Cancellation of Performance Rights

Queanbeyan, 5 February 2018 – Greatcell Solar Limited (ASX:GSL) advises that it has, at the request of ASX, cancelled the Performance Rights issued to its Managing Director, Mr Richard Caldwell, on 17 January 2018.

The reason for the cancellation is that one of the terms of shareholder approval was that the Performance Rights were to be issued within 10 business days of shareholder approval, which occurred at the Company's AGM held on 23 November 2017. Regrettably, due to a combination of circumstances, the Performance Rights were not issued until 17 January 2018, which was outside the 10 business day period.

ASX have stated that the Company must, if it wishes, seek shareholder approval to re-issue the Performance Rights to Mr Caldwell at the Company's next general meeting.

An Appendix 3B and Appendix 3Y reflecting the above are attached herewith.

Kim Hogg
Company Secretary

About GREATCELL SOLAR LIMITED

Greatcell Solar is a global leader in the development and commercialisation of Perovskite Solar Cell (PSC) technology – 3rd Generation photovoltaic technology that can be applied to glass, metal, polymers or cement. Greatcell Solar manufactures and supplies high performance materials and is focused on the successful commercialisation of PSC photovoltaics. It is a publicly listed company: Australian Securities Exchange ASX (GSL) and German Open Market (D5I). Learn more at www.greatcellsolar.com and subscribe to our mailing list in English and German.

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 - cancelled |
| 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) | Unlisted Performance Rights cancelled. |

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

4	<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 	<p>N/A</p>
5	<p>Issue price or consideration</p>	<p>N/A. Cancellation of Performance Rights for nil consideration.</p>
6	<p>Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>N/A</p>
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 in relation to the +securities the subject of this Appendix 3B, and comply with section 6i</p>	<p>No</p>
6b	<p>The date the security holder resolution under rule 7.1A was passed</p>	<p>N/A</p>
6c	<p>Number of +securities issued without security holder approval under rule 7.1</p>	<p>N/A</p>
6d	<p>Number of +securities issued with security holder approval under rule 7.1A</p>	<p>N/A</p>
6e	<p>Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)</p>	<p>N/A</p>

+ 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	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">L/R 7.1</td> <td style="text-align: right;">31,543,590</td> </tr> <tr> <td>L/R 7.1A</td> <td style="text-align: center;">N/A</td> </tr> </table>	L/R 7.1	31,543,590	L/R 7.1A	N/A
L/R 7.1	31,543,590					
L/R 7.1A	N/A					
7	<p>+Issue dates</p> <p><small>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.</small></p>	N/A				
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%;"> <tr> <th style="width: 50%;">Number</th> <th style="width: 50%;">+Class</th> </tr> <tr> <td style="text-align: right;">388,068,379</td> <td style="text-align: center;">Ordinary fully paid shares</td> </tr> </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%;"> <tr> <th style="width: 50%;">Number</th> <th style="width: 50%;">+Class</th> </tr> <tr> <td style="text-align: right;">8,007,711</td> <td style="text-align: center;">Performance Rights</td> </tr> </table>	Number	+Class	8,007,711	Performance Rights
Number	+Class					
8,007,711	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:
(Company secretary)

Date: **5 February 2018**

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 7.2 • 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 <p><i>Note:</i></p> <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> 	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.

Appendix 3B
New issue announcement

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><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> 	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”	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	
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"> • This applies to equity securities – not just ordinary securities • Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed • 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 • It may be useful to set out issues of securities on different dates as separate line items 	
“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.

Appendix 3Y

Change of Director's Interest Notice

*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 30/9/2001. Amended 01/01/11

Name of entity	Greatcell Solar Limited
ABN	92 111 723 883

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Richard Alexander Caldwell
Date of last notice	17 January 2018

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Direct or indirect interest	Direct.
Nature of indirect interest (including registered holder) <small>Note: Provide details of the circumstances giving rise to the relevant interest.</small>	
Date of change	5 February 2018
No. of securities held prior to change	<u>Direct</u> 9,680,587 fully paid ordinary shares; 3,762,233 performance rights. <u>Indirect</u> 2,504,219 fully paid ordinary shares.
Class	Performance Rights
Number acquired	-
Number disposed	1,331,522
Value/Consideration <small>Note: If consideration is non-cash, provide details and estimated valuation</small>	Nil.

+ See chapter 19 for defined terms.

Appendix 3Y
Change of Director's Interest Notice

No. of securities held after change	<p><u>Direct</u></p> <p>9,680,587 fully paid ordinary shares;</p> <p>2,430,711 performance rights.</p> <p><u>Indirect</u></p> <p>2,504,219 fully paid ordinary shares.</p>
<p>Nature of change</p> <p>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</p>	Cancellation of Performance Rights.

Part 2 – Change of director's interests in contracts

Detail of contract	No change.
Nature of interest	
Name of registered holder (if issued securities)	
Date of change	
<p>No. and class of securities to which interest related prior to change</p> <p>Note: Details are only required for a contract in relation to which the interest has changed</p>	
Interest acquired	
Interest disposed	
<p>Value/Consideration</p> <p>Note: If consideration is non-cash, provide details and an estimated valuation</p>	
Interest after change	

Part 3 – +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No.
If so, was prior written clearance provided to allow the trade to proceed during this period?	
If prior written clearance was provided, on what date was this provided?	

+ See chapter 19 for defined terms.