

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

PREDICTIVE DISCOVERY LIMITED (PDI)

ABN

11 127 171 877

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 | <ol style="list-style-type: none">1. Fully paid Ordinary Shares (Shares)2. Quoted Options exercisable at \$0.06 each and expiring 30/11/19 (Options) |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | <ol style="list-style-type: none">1. Shares – 62,137,7322. Options – 62,137,732 |
| 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) | <ol style="list-style-type: none">1. Fully paid ordinary shares.2. Quoted options exercisable at \$0.06 each and expiring 30/11/19. |

+ See chapter 19 for defined terms.

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<p>4 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>Shares will rank equally with existing fully paid ordinary shares on issue</p> <p>Quoted Options are a new class of quoted securities.</p> <p>Shares issued on exercise of the Options will rank equally with fully paid ordinary shares on issue</p>
<p>5 Issue price or consideration</p>	<ol style="list-style-type: none"> 1. \$0.042 per Share. 2. The Options are free attaching options for which no additional consideration is payable.
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>Shares and Options to be issued pursuant to a partially underwritten rights issue on the basis of 8 new Shares for every 21 Shares held on the record date, together with 1 Option for every Share issued (Rights Issue).</p> <p>Further details are set out in the Rights Issue prospectus released on ASX on 27/10/ 2017.</p>
<p>6a 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>	<p>No</p>
<p>6b The date the security holder resolution under rule 7.1A was passed</p>	<p>N/A</p>
<p>6c Number of +securities issued without security holder approval under rule 7.1</p>	<p>N/A</p>
<p>6d Number of +securities issued with security holder approval under rule 7.1A</p>	<p>N/A</p>

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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							
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	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.</small></p> <p><small>Cross reference: item 33 of Appendix 3B.</small></p>	Estimated 28/11/ 2017							
8	Number and +class of all +securities quoted on ASX (including the +securities in section 2 if applicable)	<table border="1"> <thead> <tr> <th>Number</th> <th>+Class</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">225,249,279</td> <td>Ordinary Shares</td> </tr> <tr> <td style="text-align: center;">62,137,732</td> <td>Quoted Options exercisable at \$0.06 each and expiring 30/11/19</td> </tr> </tbody> </table>	Number	+Class	225,249,279	Ordinary Shares	62,137,732	Quoted Options exercisable at \$0.06 each and expiring 30/11/19	
Number	+Class								
225,249,279	Ordinary Shares								
62,137,732	Quoted Options exercisable at \$0.06 each and expiring 30/11/19								

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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)	1,952,500	Options exercisable at \$0.1805 each and expiring 29/11/18
	1,952,500	Options exercisable at \$0.2578 each and expiring 29/11/19
	1,952,500	Options exercisable at \$0.3867 each and expiring 29/11/20
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?	No
12 Is the issue renounceable or non-renounceable?	Renounceable
13 Ratio in which the +securities will be offered	<ol style="list-style-type: none"> 1. 8 new Shares for every 21 existing Shares held on the record date. 2. 1 new Option for every 1 new Share issued.
14 +Class of +securities to which the offer relates	<ol style="list-style-type: none"> 1. Ordinary fully paid Shares 2. Quoted Options (new class)
15 +Record date to determine entitlements	02/11/ 2017
16 Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	N/A
17 Policy for deciding entitlements in relation to fractions	Round up to nearest whole number
18 Names of countries in which the entity has security holders who will not be sent new offer documents <small>Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.</small>	Countries other than Australia and New Zealand

+ See chapter 19 for defined terms.

19	Closing date for receipt of acceptances or renunciations	21/11/ 2017
20	Names of any underwriters	CPS Capital Group Pty Ltd
21	Amount of any underwriting fee or commission	\$60,000 lead manager fee, 1% of funds raised under the Rights Issue, 5% of the underwritten amount and 5% of any shortfall placed
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	N/A
25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	07/11/2017
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	27/10/2017
28	Date rights trading will begin (if applicable)	01/11/ 2017
29	Date rights trading will end (if applicable)	14/11/ 2017

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30	How do security holders sell their entitlements <i>in full</i> through a broker?	Contact your Stockbroker or CPS Capital and refer to the details provided in the prospectus and the Entitlement and Acceptance Form.
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	Complete the application form accompanying the Prospectus by inserting the number of new Shares you wish to accept and contact your stockbroker in respect of the part of our entitlement you wish to sell. Follow the instructions in Section 2 of the Prospectus.
32	How do security holders dispose of their entitlements (except by sale through a broker)?	Forward a completed renunciation form (obtainable through your stockbroker or the Company's share registry) together with your application form completed by the transferee together with a cheque for the appropriate application monies to the Company's share registry, Link Market Services Limited.
33	+Issue date	28/11/ 2017

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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 – TO BE PROVIDED TO ASX AT COMPLETION OF THE ISSUE

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

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39 +Class of +securities for which quotation is sought

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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

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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)

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	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.

- 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:
(Company secretary)

Date: 27 October 2017

Print name: Eric Moore.

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Appendix 3B – Annexure 1

N/A – Company not an eligible entity