

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

Genetic Signatures Limited

ABN

30 095 913 205

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 | Employee Share Plan (ESP) shares |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | Buy back of 175,000 unvested ESP shares |
| 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) | 175,000 unvested ESOP shares bought back by the Company at \$0.40 |

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 	Yes
5	Issue price or consideration	175,000 unvested ESP shares bought back by the Company at \$0.40
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Buy-back of 175,000 unvested ESP shares by the Company from Participants who are no longer eligible in accordance with the Company's Employee Share Ownership Plan.
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	29 November 2016
6c	Number of +securities issued without security holder approval under rule 7.1	750,000 unlisted options
6d	Number of +securities issued with security holder approval under rule 7.1A	Nil

6e	Number of +securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Nil
6f	Number of +securities issued under an exception in rule 7.2	Not Applicable
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.	Not Applicable
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	Not Applicable
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	Listing Rule 7.1 – 14,908,041 Listing Rule 7.1A – 10,438,694
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.	20 December 2016 (cancellation date)

8	Number and ⁺ class of all ⁺ securities quoted on ASX (<i>including</i> the ⁺ securities in section 2 if applicable)	<table><tr><th>Number</th><th>⁺Class</th></tr><tr><td>104,386,937</td><td>Ordinary Shares This includes:<ul style="list-style-type: none">• 81,711,957 fully paid ordinary (FPO) shares• 4,000,000 ESP shares (includes unvested ESP shares, ESP shares issued 19/11/15 and ESP vested shares escrowed until 26/03/19)• 2,872,355 (FPO shares – ASX escrowed 24 months)• 15,802,625 (FPO shares – voluntarily escrowed 24 months)</td></tr></table>	Number	⁺ Class	104,386,937	Ordinary Shares This includes: <ul style="list-style-type: none">• 81,711,957 fully paid ordinary (FPO) shares• 4,000,000 ESP shares (includes unvested ESP shares, ESP shares issued 19/11/15 and ESP vested shares escrowed until 26/03/19)• 2,872,355 (FPO shares – ASX escrowed 24 months)• 15,802,625 (FPO shares – voluntarily escrowed 24 months)		
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9	Number and ⁺ class of all ⁺ securities not quoted on ASX (<i>including</i> the ⁺ securities in section 2 if applicable)	<table><tr><th>Number</th><th>⁺Class</th></tr><tr><td>750,000</td><td>Unlisted Options (\$0.52; 13 October 2031)</td></tr><tr><td>100,000</td><td>Unlisted Options (\$0.52; 30 November 2031)</td></tr></table>	Number	⁺ Class	750,000	Unlisted Options (\$0.52; 13 October 2031)	100,000	Unlisted Options (\$0.52; 30 November 2031)
Number	⁺ Class							
750,000	Unlisted Options (\$0.52; 13 October 2031)							
100,000	Unlisted Options (\$0.52; 30 November 2031)							
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Same as existing Fully Paid Ordinary Shares from the date of issue						

Part 2 - Pro rata issue

11	Is security holder approval required?	<i>Not Applicable</i>
12	Is the issue renounceable or non-renounceable?	<i>Not Applicable</i>
13	Ratio in which the ⁺ securities will be offered	<i>Not Applicable</i>
14	⁺ Class of ⁺ securities to which the offer relates	<i>Not Applicable</i>
15	⁺ Record date to determine entitlements	<i>Not Applicable</i>
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	<i>Not Applicable</i>
17	Policy for deciding entitlements in relation to fractions	<i>Not Applicable</i>
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>	<i>Not Applicable</i>
19	Closing date for receipt of acceptances or renunciations	<i>Not Applicable</i>
20	Names of any underwriters	<i>Not Applicable</i>
21	Amount of any underwriting fee or commission	<i>Not Applicable</i>
22	Names of any brokers to the issue	<i>Not Applicable</i>
23	Fee or commission payable to the broker to the issue	<i>Not Applicable</i>

24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of security holders	<i>Not Applicable</i>
25	If the issue is contingent on security holders' approval, the date of the meeting	<i>Not Applicable</i>
26	Date entitlement and acceptance form and offer documents will be sent to persons entitled	<i>Not Applicable</i>
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	<i>Not Applicable</i>
28	Date rights trading will begin (if applicable)	<i>Not Applicable</i>
29	Date rights trading will end (if applicable)	<i>Not Applicable</i>
30	How do security holders sell their entitlements <i>in full</i> through a broker?	<i>Not Applicable</i>
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	<i>Not Applicable</i>
32	How do security holders dispose of their entitlements (except by sale through a broker)?	<i>Not Applicable</i>
33	⁺ Issue date	<i>Not Applicable</i>

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

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 +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 					
41	<p>Reason for request for quotation now</p> <p><small>Example: In the case of restricted securities, end of restriction period</small></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 (including the +securities in clause 38)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 40%;">+Class</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"></td> <td></td> </tr> </tbody> </table>		+Class		
	+Class					

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:



Anna Sandham
Company Secretary
Date: 21 December 2016

+ 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	72,688,990
<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 <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> 	32,194,197
<i>Subtract</i> the number of fully paid +ordinary securities cancelled during that 12 month period	496,250
“A”	104,386,937

Step 2: Calculate 15% of “A”	
“B”	0.15 <i>[Note: this value cannot be changed]</i>
Multiply “A” by 0.15	15,658,041
Step 3: Calculate “C”, the amount of placement capacity under rule 7.1 that has already been used	
Insert number of +equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued: <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 Note: <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> 	750,000
“C”	Nil
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>	15,658,041
Subtract “C” <i>Note: number must be same as shown in Step 3</i>	750,000
Total [“A” x 0.15] – “C”	14,908,041 <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>	104,386,937
Step 2: Calculate 10% of “A”	
“D”	0.10 <i>Note: this value cannot be changed</i>
Multiply “A” by 0.10	10,438,694
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 	Nil
“E”	Nil

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>	10,438,694
Subtract “E” <i>Note: number must be same as shown in Step 3</i>	Nil
Total [“A” x 0.10] – “E”	10,438,694 <i>Note: this is the remaining placement capacity under rule 7.1A</i>

Change to company details

Company details

Company name

GENETIC SIGNATURES LIMITED

Australian Company Number (ACN)

095 913 205

Lodgement details

Who should ASIC contact if there is a query about this form?

Name

COMPANY MATTERS PTY LIMITED

ASIC registered agent number (if applicable)

25767

Signature

This form must be signed by a current officeholder of the company.

I certify that the information in this form is true and complete

Name

ANNA MAREA SANDHAM

Capacity

Secretary

Signature

Date signed

21-12-2016

C1 Cancellation of shares

Reason for cancellation

Shares cancellation details

Reason for cancellation

ss.257H(3) Share buyback - Other buy-back type. A form 280 or 281 must be lodged at least 14 days, and no more than 1 year before the share buy-back can take place

The cancelled shares are listed below:

Share class code	Number of shares cancelled	Amount paid (cash or otherwise)	
ORD	175000	0.40	

Earliest Date of
cancellation

21-12-2016

C3 Change to share structure

The updated details for this changed share class are shown in the table below.

Share class code	Full title if not standard	Total number of shares	Total amount paid on these shares	Total amount unpaid on these shares
ORD	ORDINARY SHARES	104386937	51834347.74	0.00

Earliest date of
change

21-12-2016