

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 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003.

Name of entity

UraniumSA Limited

ABN

48 119 978 013

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 | Ordinary fully paid shares |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 5,000,000 |
| 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) | Ordinary fully paid shares |

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

<p>4 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>Yes</p>													
<p>5 Issue price or consideration</p>	<p>20 cents</p>													
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<p>Placement to sophisticated investors to provide additional capital for continued drilling at Blackbush prospect and Mullaquana project.</p>													
<p>7 Dates of entering +securities into uncertificated holdings or despatch of certificates</p>	<p>20 October 2009</p>													
<p>8 Number and +class of all +securities quoted on ASX (<i>including</i> the securities in clause 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="818 1129 1057 1157">Number</th> <th data-bbox="1062 1129 1372 1157">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="818 1163 1057 1211">92,888,193</td> <td data-bbox="1062 1163 1372 1211">Fully paid ordinary shares</td> </tr> <tr> <td data-bbox="818 1218 1057 1266">30,362,780</td> <td data-bbox="1062 1218 1372 1266">Bonus options expiring 18 January 2010</td> </tr> </tbody> </table>		Number	+Class	92,888,193	Fully paid ordinary shares	30,362,780	Bonus options expiring 18 January 2010						
Number	+Class													
92,888,193	Fully paid ordinary shares													
30,362,780	Bonus options expiring 18 January 2010													
<p>9 Number and +class of all +securities not quoted on ASX (<i>including</i> the securities in clause 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="818 1402 1029 1430">Number</th> <th data-bbox="1034 1402 1372 1430">+Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="818 1436 1029 1484">6,500,000</td> <td data-bbox="1034 1436 1372 1484">20 cent options expiring 1/9/2011</td> </tr> <tr> <td data-bbox="818 1491 1029 1539">886,950</td> <td data-bbox="1034 1491 1372 1539">20 cent options expiring 16/5/2011</td> </tr> <tr> <td data-bbox="818 1545 1029 1593">400,000</td> <td data-bbox="1034 1545 1372 1593">25 cent options expiring 4/7/2011</td> </tr> <tr> <td data-bbox="818 1600 1029 1648">500,000</td> <td data-bbox="1034 1600 1372 1648">11 cent options expiring 24/6/2012</td> </tr> <tr> <td data-bbox="818 1654 1029 1703">1,000,000</td> <td data-bbox="1034 1654 1372 1703">10 cent options expiring 31/3/2011</td> </tr> </tbody> </table>		Number	+Class	6,500,000	20 cent options expiring 1/9/2011	886,950	20 cent options expiring 16/5/2011	400,000	25 cent options expiring 4/7/2011	500,000	11 cent options expiring 24/6/2012	1,000,000	10 cent options expiring 31/3/2011
Number	+Class													
6,500,000	20 cent options expiring 1/9/2011													
886,950	20 cent options expiring 16/5/2011													
400,000	25 cent options expiring 4/7/2011													
500,000	11 cent options expiring 24/6/2012													
1,000,000	10 cent options expiring 31/3/2011													

+ See chapter 19 for defined terms.

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

N/A

Part 2 - Bonus issue or 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
- 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 issue 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

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

+ See chapter 19 for defined terms.

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 prospectus or Product Disclosure Statement will be sent to persons entitled	
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 <i>in full</i> through a broker?	
31	How do +security holders sell <i>part</i> 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	+Despatch date	

+ 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 **N/A**

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 date of allotment
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

--

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 (<i>including</i> the securities in clause 38)		

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

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.
 - We warrant that if confirmation is required under section 1017F of the Corporations Act in relation to the +securities to be quoted, it has been provided 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 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 : 20 October 2009

Print name: **Craig Gooden**

+ See chapter 19 for defined terms.