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			
Name of entity			
TH	UNDELARRA EXPLORATION	LTD	
ABN	[
74 9	74 950 465 654		
We (the entity) give ASX the following i	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	Fully paid ordinary shares.	
2	Number of +securities issued or to be issued (if known) or maximum number which may be issued	Approximately 89,014,464 (depending on acceptances and assuming that no existing options are exercised prior to the record date)	
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)	Fully paid ordinary shares.	

⁺ See chapter 19 for defined terms.

Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities?

Yes, the shares will rank equally in all respects from the date of allotments with the fully paid ordinary shares currently on issue.

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

Issue price or consideration \$0.05 per share.

6 Purpose of the issue
(If issued as consideration for the acquisition of assets, clearly identify those assets)

5

Non-renounceable entitlement offer to eligible shareholders to provide funds for the exploration and evaluation of the Company's base metal and uranium projects, administration expenses and general working capital.

6a Is the entity an ⁺eligible entity that has obtained security holder approval under rule 7.1A?

Not applicable.

If Yes, complete sections 6b – 6h in relation to the *securities the subject of this Appendix 3B, and comply with section 6i

6b The date the security holder resolution under rule 7.1A was passed

Not applicable.

6c Number of *securities issued without security holder approval under rule 7.1

Not applicable.

6d Number of *securities issued with security holder approval under rule 7.1A

Not applicable.

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⁺ See chapter 19 for defined terms.

6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Not applicable.	
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	Not applicable.	
7	Dates of entering *securities into uncertificated holdings or despatch of certificates	5 October 2012	
		Number	+Class
8	Number and +class of all +securities quoted on ASX (including the securities in section	267,043,391	Ordinary fully paid shares.
	2 if applicable)	6,778,130	Options expiring 29 March 2013 exercisable at 20 cents each.

⁺ See chapter 19 for defined terms.

9 Number and *class of all *securities not quoted on ASX (*including* the securities in section 2 if applicable)

	1
Number	+Class
4,250,000	Options expiring 28
	February 2013
	exercisable at \$0.50.
4,250,000	Options expiring 28
	February 2014
	exercisable at \$0.20.
280,000	Options expiring 30
	September 2012
	exercisable at \$0.32.
6,750,000	Options expiring 25
	February 2015
	exercisable at \$0.64.
1,160,000	Options expiring 20
	September 2013
	exercisable at \$0.96.
6,750,000	Options expiring 27
	February 2016
	exercisable at \$0.84.
1.025.000	0 .: 20
1,025,000	Options expiring 30
	June 2014 exercisable
	at \$0.39.
2,000,000	Options expiring 28
2,000,000	February 2017
	exercisable at \$0.23.
	CACICISAUIC at \$0.23.
1,000,000	Options expiring 16
1,000,000	April 2014 exercisable
	at \$0.25.
	,
1,000,000	Options expiring 16
1,000,000	April 2015 exercisable
	at \$0.45.

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

Not applicable.

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⁺ See chapter 19 for defined terms.

Part 2 - Bonus issue or pro rata issue

11	Is security holder approval required?	No.
12	Is the issue renounceable or non-renounceable?	Non-renounceable.
13	Ratio in which the *securities will be offered	1 share for every 2 shares held at the record date.
14	⁺ Class of ⁺ securities to which the offer relates	Fully paid ordinary shares.
15	⁺ Record date to determine entitlements	5.00 pm (WST) on 10 September 2012
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	Not applicable.
17	Policy for deciding entitlements in relation to fractions	Fractions will be rounded up to the nearest whole number.
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.	United Arab Emirates, Argentina, Canada, China, Costa Rica, Germany, Finland, United Kingdom, Ghana, Gibraltar, Hong Kong, Indonesia, Malaysia, Netherlands, Singapore, Taiwan, United States of America and Vanuatu.
19	Closing date for receipt of acceptances or renunciations	27 September 2012.
20	Names of any underwriters	Not applicable.
21	Amount of any underwriting fee or commission	Not applicable.
22	Names of any brokers to the issue	Not applicable.
23	Fee or commission payable to the broker to the issue	Not applicable.

⁺ See chapter 19 for defined terms.

Amount of any handling fee The Company reserves the right to pay a payable to brokers who lodge commission of up to 3% (exclusive of GST) acceptances or renunciations on of amounts subscribed through any licenced behalf of *security holders securities dealer or Australian financial services licensees in respect of any valid Shortfall Application Form lodged and accepted by the Company, and bearing the stamp of the licensed securities dealer or Australian financial services licensee. 25 If the issue is contingent on Not applicable. +security holders' approval, the date of the meeting Date entitlement and acceptance 26 13 September 2012. form and prospectus or Product Disclosure Statement will be sent to persons entitled If the entity has issued options, and 27 August 2012. 27 the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders Date rights trading will begin (if 28 Not applicable. applicable) Date rights trading will end (if Not applicable. 29 applicable) 30 How do +security holders sell their Not applicable. entitlements in full through a broker? 31 How do +security holders sell part Not applicable. of their entitlements through a broker and accept for the balance? 32 How do +security holders dispose Not applicable. of their entitlements (except by sale through a broker)? 33 +Despatch date 5 October 2012.

Part 3 - Quotation of securities

You need only complete this section if you are applying for quotation of securities

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⁺ See chapter 19 for defined terms.

34	Type of	of securities ne)
(a)	\checkmark	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
Entitie	es tha	t have ticked box 34(a)
Additi	onal s	ecurities forming a new class of securities
Tick to documer		you are providing the information or
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
Entitie	es tha	t have ticked box 34(b)
38		er of securities for which ation is sought
39		of *securities for which ion is sought

⁺ See chapter 19 for defined terms.

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)		
42	Number and ⁺ class of all ⁺ securities quoted on ASX (<i>including</i> the securities in clause 38)	Number	+Class

Quotation agreement

- ⁺Quotation of our additional ⁺securities is in ASX's absolute discretion. ASX may quote the ⁺securities on any conditions it decides.
- 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

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⁺ See chapter 19 for defined terms.

Date: 24 August 2012

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.
- 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.
- 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:

(Director/Company secretary)

Print name: Frank DeMarte.

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⁺ See chapter 19 for defined terms.