Form 45-106F1

Report of Exempt Distribution

This is the form required under section 6.1 of National Instrument 45-106 for a report of exempt distribution.

Issuer/underwriter information

Item 1: State the full name of the issuer of the security distributed and the address and telephone number of its head office. If the issuer of the security distributed is an investment fund, state the name of the fund as the issuer, and provide the full name of the manager of the investment fund and the address and telephone number of the head office of the manager. Include the former name of the issuer if its name has changed since last report. If an underwriter is completing this form, also state the full name of the underwriter and the address and telephone number of the head office of the head office of the head office of the underwriter.

Name of issuer:	Athabasca Uranium Inc. (the "Issuer")
Head Office Address:	Suite 1040, 885 West Georgia Street
	Vancouver, B.C. V6C 3E8
Telephone Number:	604-689-8336

Item 2: State whether the issuer is or is not a reporting issuer and, if reporting, each of the jurisdictions in which it is reporting.

The Issuer is a reporting issuer in British Columbia and Alberta.

Item 3: Indicate the industry of the issuer by checking the appropriate box next to one of the industries listed below.

Bio-tech	Mining
Financial Services	\boxtimes exploration/development \square production
\square mortgage investment companies	☐ Oil and gas
□ Forestry	□ Real estate
Hi-tech	□ Utilities
□ Industrial	Other (describe)

Details of distribution

Item 4: Complete Schedule I to this report. Schedule I is designed to assist in completing the remainder of this report.

See attached Schedule I

Item 5: State the distribution date. If the report is being filed for securities distributed on more than one distribution date, state all distribution dates.

December 22, 2010

Item 6: For each security distributed:

(a) describe the type of security,

(b) state the total number of securities distributed. If the security is convertible or exchangeable, describe the type of underlying security, the terms of exercise or conversion and any expiry date; and

(c) state the exemption(s) relied on.

Private placement of 1,348,695 units (the "FT Units") and 6,500,000 units (the "NFT Units") at the price of \$0.23 per FT Unit and \$0.20 per NFT Unit. Each FT Unit consists of one flow-through common share of the Issuer (a "FT Share") and one share purchase warrant (a "FT Warrant"). Each FT Warrant entitling the holder thereof to purchase one common shares of the Issuer (a "Share") on or before December 22, 2011 at an exercise price of \$0.35 per Share. Each NFT Unit consists of one Share and one share purchase warrant (a "NFT Warrant"). Each NFT Warrant will entitle the holder to purchase one Share at a price of \$0.30 per Share on or before December 22, 2011.

Exemptions relied on: section 2.3(1) of National Instrument 45-106.

Item 7: Complete the following table for each Canadian and foreign jurisdiction where purchasers of the securities reside. Do not include in this table, securities issued as payment for commissions or finder's fees disclosed under item 8, below.

Each jurisdiction where purchasers reside	Number of purchasers	Price per security (Canadian \$) ¹	Total dollar value raised from purchasers in the jurisdiction (Canadian \$)
Alberta	3	\$0.23	\$28,000.00
Alberta	1	\$0.20	\$13,800.00
Total for Alberta	4		\$41,800.00
British Columbia	39	\$0.23	\$623,750.00
British Columbia	13	\$0.20	\$228,687.86
Total for British Columbia	52		\$852,437.86
Manitoba	2	\$0.23	\$17,000.00
Ontario	7	\$0.23	\$591,250.00
Ontario	4	\$0.20	\$57,707.00
Total for Ontario	11		\$648,957.00
Saskatchewan	1	\$0.20	\$10,005.00
Australia	1	\$0.23	\$10,000.00

Each jurisdiction where purchasers reside	Number of purchasers	Price per security (Canadian \$) ¹	Total dollar value raised from purchasers in the jurisdiction (Canadian \$)
Bangladesh	1	\$0.23	\$30,000.00
Total number of Purchasers	72		
Total dollar value of distribution in all jurisdictions (Canadian \$)			\$1,610,199.86

Note 1: If securities are issued at different prices list the highest and lowest price the securities were sold for.

Commissions and finder's fees

Item 8: Complete the following table by providing information for each person who has received or will receive compensation in connection with the distribution(s). Compensation includes commissions, discounts or other fees or payments of a similar nature. Do not include payments for services incidental to the distribution, such as clerical, printing, legal or accounting services.

If the securities being issued as compensation are or include convertible securities, such as warrants or options, please add a footnote describing the terms of the convertible securities, including the term and exercise price. Do not include the exercise price of any convertible security in the total dollar value of the compensation unless the securities have been converted.

	Compensation paid or to be paid (cash and/or securities)				
		Securities			
Full name and address of the person being compensated	Cash (Canadian \$)	Number and type of securities issued	Price per security	Exemption relied on and date of distribution	Total dollar value of compensation (Canadian \$)
1318648 Alberta Ltd. PO Box 2006, Banff, Alberta T1L 1B7	\$12,496.00	86,025 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106 December 22, 2010	\$12,496.00 cash \$25,807.50 exercise price
Union Securities Ltd. 900 - 700 West Georgia St. Vancouver, BC V7Y 1H4	\$1,399.09	8,690 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106 December 22, 2010	\$1,399.09 cash \$2,607.00 exercise price

Compensation paid or to be paid (cash and/or securities)					
		Securities			
Full name and address of the person being compensated	Cash (Canadian \$)	Number and type of securities issued	Price per security	Exemption relied on and date of distribution	Total dollar value of compensation (Canadian \$)
Macquarie Private Wealth Inc. Brookfield Place, 181 BAY Suite 3200 Toronto ON M5J 2T3	\$1,932.00	12,000 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106 December	\$1,932.00 cash 3,600.00 exercise price
				22, 2010	
Steve Voelpel 306 – 1772 Pendrell Street Vancouver, BC, V6G 1T1	\$2,072.00	14,176 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106	\$2,072.00 cash \$4,252.80 exercise price
				December 22, 2010	
Canaccord Genuity Corp. 2200 - 609 Granville Street Vancouver, B.C. V7Y 1H2	\$53,305.00	367,478 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106	\$53,305.00 cash \$110,243.40 exercise price
				December 22, 2010	
PI Financial Corp. 1900 - 666 Burrard Street Vancouver, BC V6C 3N1	\$7,000.00	50,000 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106	\$7,000.00 cash \$15,000.00 exercise price
				December 22, 2010	
Pope & Company Suite 420 - 40 University Ave. Toronto, ON M5J 1P1 (2% only)	\$10,000.00	N/A	N/A	N/A	\$10,000.00 cash
Peter Ball 36198 Auguston Parkway S. Abbottsford, BC V3A 2Y9	\$1,750.00	12,500 Broker's Warrants ⁽¹⁾	\$0.30 (exercise price)	Section 2.3(2) of National Instrument 45-106	\$1,750.00 cash \$3,750.00 exercise price
				December 22, 2010	

	Compensation paid or to be paid (cash and/or securities)				
		Securities			
Full name and address of the person being compensated	Cash (Canadian \$)	Number and type of securities issued	Price per security	Exemption relied on and date of distribution	Total dollar value of compensation (Canadian \$)
Total	\$89,954.09	550,869 Broker's Warrants ⁽¹			\$89,954.09 cash \$165,260.70 exercise price

Note:

(1) Each Broker's Warrants entitling the holder thereof to purchase one Share on or before December 22, 2011 at an exercise price of \$0.30 per Share.

Item 9: If a distribution is made in Ontario, please include the attached "Authorization of Indirect Collection of Personal Information for Distributions in Ontario". The "Authorization of Indirect Collection of Personal Information for Distributions in Ontario" is only required to be filed with the Ontario Securities Commission.

Certificate

On behalf of the Issuer, I certify that the statements made in this report are true.

Date: December 22, 2010

Athabasca Uranium Inc Name of issuer (please print)

Barry Lee, Chief Financial Officer, telephone: 604 689-8336 Print name, title and telephone number of person signing

<u>"Barry Lee"</u> Signature

Item 10: State the name, title and telephone number of the person who may be contacted with respect to any questions regarding the contents of this report, if different than the person signing the certificate.

IT IS AN OFFENCE TO MAKE A MISREPRESENTATION IN THIS REPORT.

Notice – Collection and use of personal information

The personal information required under this form is collected on behalf of and used by the securities regulatory authorities or, where applicable, the regulators under the authority granted in securities legislation for the purposes of the administration and enforcement of the securities legislation.

If you have any questions about the collection and use of this information, contact the securities regulatory authority or, where applicable, the regulator in the jurisdiction(s) where the form is filed, at the address(es) listed at the end of this report.

Authorization of Indirect Collection of Personal Information for Distributions in Ontario

The attached Schedule I contains personal information of purchasers and details of the distribution(s). The issuer/underwriter hereby confirms that each purchaser listed in Schedule I of this report who is resident in Ontario

(a) has been notified by the issuer/underwriter

(i) of the delivery to the Ontario Securities Commission of the information pertaining to the person as set out in Schedule I,

(ii) that this information is being collected indirectly by the Ontario Securities Commission under the authority granted to it in securities legislation,

(iii) that this information is being collected for the purposes of the administration and enforcement of the securities legislation of Ontario, and

(iv) of the title, business address and business telephone number of the public official in Ontario, as set out in this report, who can answer questions about the Ontario Securities Commission's indirect collection of the information, and

(b) has authorized the indirect collection of the information by the Ontario Securities Commission.