

Creation of a significant Athabasca Basin uranium explorer

***Targeting the next world
class uranium ore body***

Athabasca Basin, SK

TSX.V : NXE

April 2013

INFORMATION CONTAINED IN THIS PRESENTATION

This presentation is a summary description of NexGen Energy Ltd. (“**NexGen**” or the “**Company**”) and its business and does not purport to be complete. This presentation is not, and in no circumstances is it to be construed as, a prospectus, an advertisement, or a public offering of securities. No securities regulatory authority or similar authority has reviewed or in any way passed upon the document or the merits of the Company’s securities and any representation to the contrary is an offence.

Except where otherwise indicated, the information contained in this presentation has been prepared by NexGen and there is no representation or warranty by NexGen or any other person as to the accuracy or completeness of the information set forth herein. This presentation includes information on adjacent properties that was obtained from various publicly available sources referred to herein and the accuracy and completeness of such information has not been verified by NexGen. Except as otherwise stated, information included in this presentation is given as of the date hereof. Neither the delivery of this presentation nor any sale made under the terms described herein shall imply that the information herein is correct as of any date after the date hereof.

Note: There is no known uranium mineralization at either the Radio Project or Rook I. Information regarding adjacent properties contained in this presentation is not necessarily indicative of the mineralization at the projects described herein.

All dollar amounts referenced herein, unless otherwise indicated, are expressed in Canadian dollars.



CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

Statements contained in this presentation that are not current or historical factual statements may constitute “forward-looking information” within the meaning of applicable securities laws including statements with respect to the properties, a concurrent financing, our plans for exploration and development of our properties and our financial condition, operations and prospects. The forward-looking information reflects current expectations regarding future results, performance or achievements and speaks only as of the date of this presentation. When used in this presentation, forward-looking information can be identified by such words as “may”, “will”, “expect”, “believe”, “plan”, “project”, “anticipate”, “intend”, “estimate” and other similar terminology. Such forward-looking information involves known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed in or implied by such information. Such risks, uncertainties and other factors include, but are not limited in any manner to those risks set forth in this presentation under the heading “Risk Factors”, including, the risk that no mineralization will be identified on the Radio and Rook I properties; the Company’s dependence on third party financing; the Company’s limited operating history; risks inherent in exploration activities; environmental and safety risks including increased regulatory burdens; unexpected geological or hydrological conditions; a possible deterioration in political support for nuclear energy; changes in government regulations and policies, including trade laws and policies; demand for nuclear power; failure to obtain necessary permits and approvals from government authorities; weather and other natural phenomena; and other exploration, development, operating, financial market and regulatory risks. The foregoing list of factors is not exhaustive.

The forward-looking information contained in this presentation requires management to make certain assumptions including with respect to the financing and its ability to successfully develop its properties. Although management of the Company believes that the assumptions underlying, and the expectations reflected in, the forward-looking information are reasonable, significant risks and uncertainties are involved in such information. Management can give no assurances that its assumptions, estimates and expectations will prove to have been correct. Forward-looking information should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not or the times at or by which such performance or results will be achieved. Many factors that are beyond the Company’s control could cause actual results to differ materially from the results discussed in the forward-looking statements.

Summary

Significant achievements over the last 12 months!

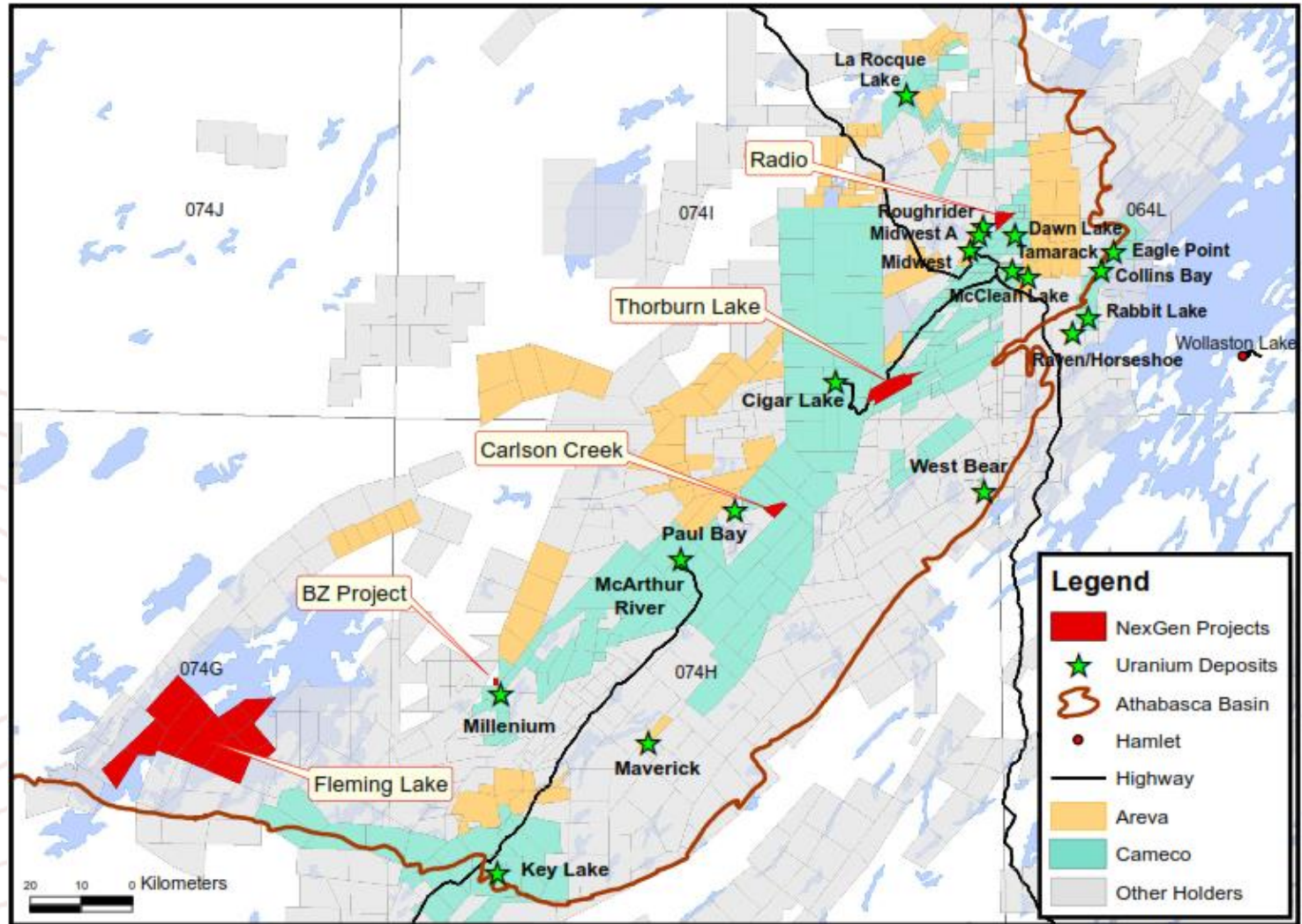
- Identified and acquired a strategically positioned exploration package in the world's leading uranium province, Athabasca Basin, Saskatchewan, Canada
- Raised \$15.6M as a private company
- TSXV listing approval received, **trading Tuesday 23 April 2013**
- Uranium market forecasted to approach a near term supply deficit
- Proven management and board (ex. Uranium One, Rio Tinto, Energy Resource Australia)

Asset Location Map

East Athabasca Basin

Projects predominantly located in the shallower sections/ boundary of the Athabasca Basin at the unconformity

Radio adjacent to Roughrider

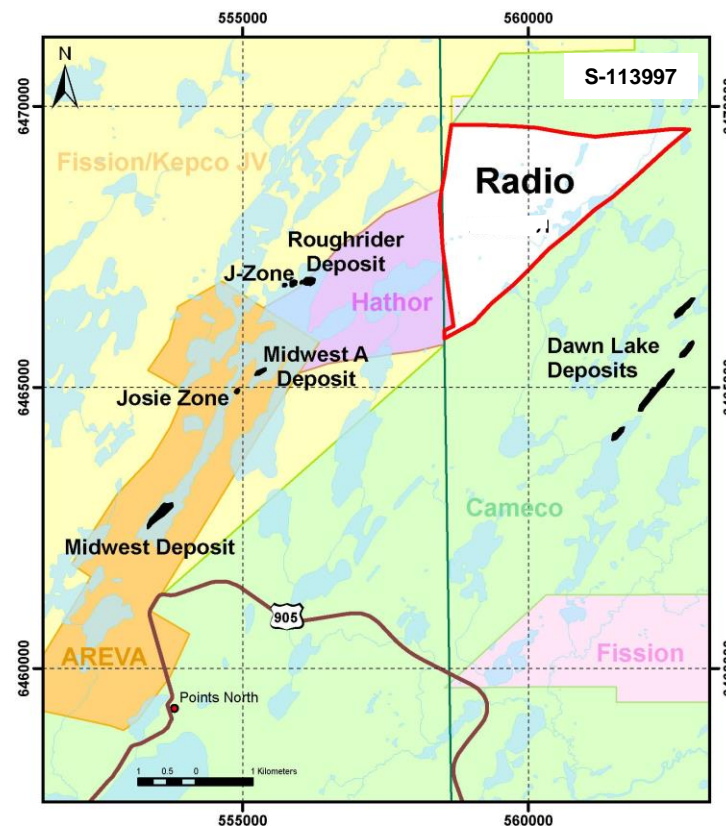


Radio Property Location

Claim Maps and Nearby Uranium Deposits ⁽¹⁾

~100Mlb indicated and ~50Mlb of inferred resources within 10km radius of Radio

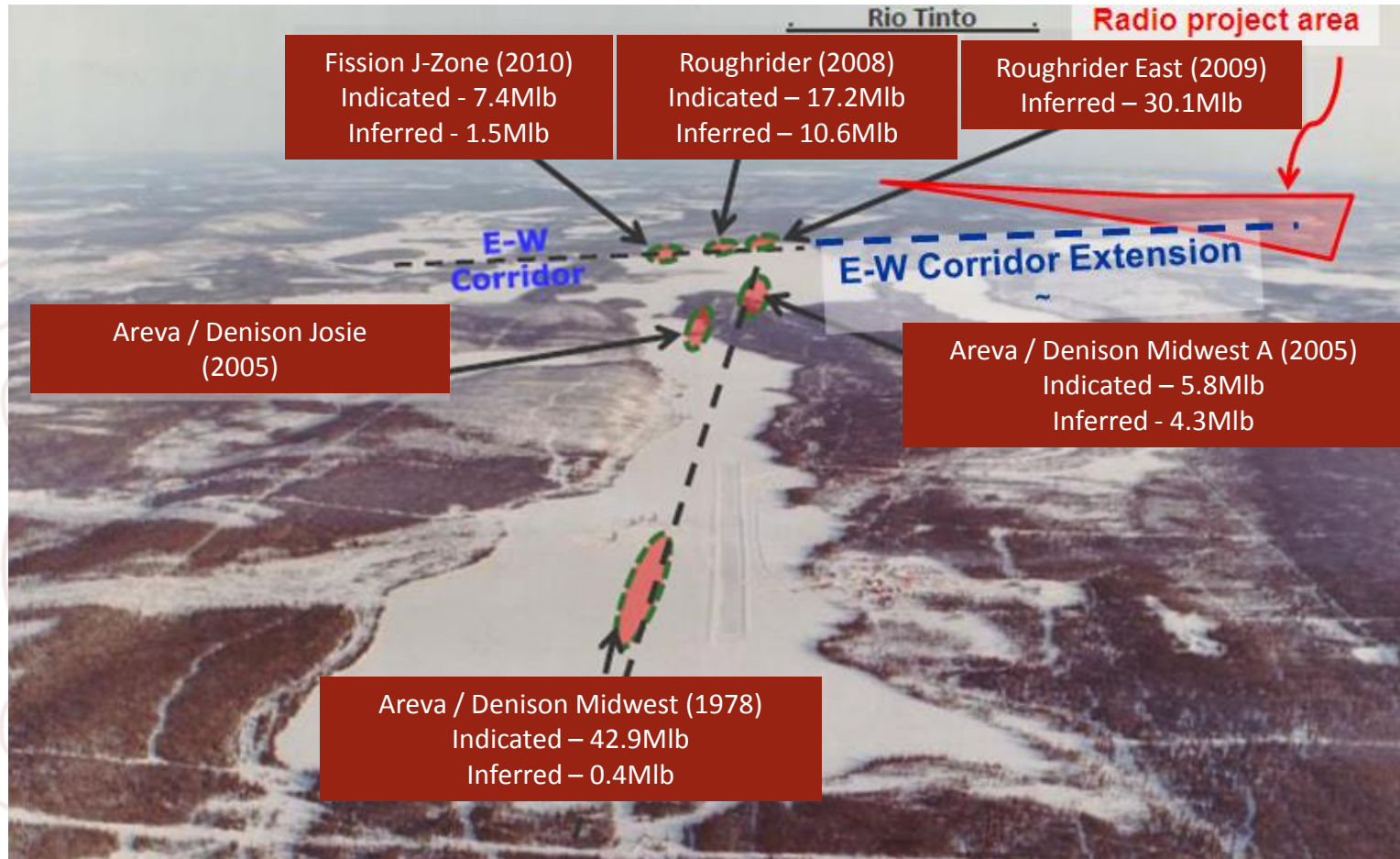
Deposit	Resources (Mlb U ₃ O ₈)	Grade (% U ₃ O ₈)	Owner
Roughrider ⁽²⁾	Inferred – 40.7	11.30%	Rio Tinto (Hathor) – 100%
	Indicated – 17.2	1.98%	
Midwest A ⁽³⁾	Inferred – 4.3	18.00%	Areva – 69.2%
	Indicated – 5.8	0.48%	Denison – 25.2% OURD – 5.7%
Midwest Lake ⁽⁴⁾	Inferred – 0.4	0.80%	Areva – 69.2%
	Indicated – 42.9	5.50%	Denison – 25.2% OURD 5.7%
Dawn Lake ⁽⁵⁾	Indicated – 12.9	1.69%	Cameco – 57.5% Areva – 23.1% JCU – 19.5%
McClellan Lake (incl. McClellan Lake N + Sue) ⁽⁶⁾	Inferred – 0.1	0.74%	Areva – 70.0%
	Indicated – 11.5	2.80%	Denison – 22.5% OURD – 7.5%
J-Zone ⁽⁷⁾	Inferred – 1.5	0.46%	Fission – 60%
	Indicated – 7.4	1.99%	KEPCO – 40%



(1) There is no known uranium mineralisation at the Radio Project. Information regarding adjacent properties is not necessarily indicative of the mineralisation at the Radio Project.
 (2) "Preliminary Economic Assessment Technical Report for the East and West Zones Roughrider Uranium Project, Saskatchewan", 13 Sep 2011, on SEDAR (www.sedar.com) under the profile of Hathor Exploration Limited.
 (3) "Technical Report on the Midwest A Uranium Deposit Saskatchewan, Canada", 31 Jan 2008, on SEDAR (www.sedar.com) under the profile of Denison Mines Corp.
 (4) "Technical Report on the Midwest Uranium Deposit Mineral Resource and Mineral Reserve Estimates Saskatchewan, Canada", 01 Jun 2005, revised 14 Feb 2006, on SEDAR (www.sedar.com) under the profile of Denison Mines Inc.
 (5) Annual information form for the financial year ended December 31, 2011, on SEDAR (www.sedar.com) under the profile of Cameco Corp.
 (6) "Technical Report on the Mineral Resource Estimate for the McClellan North Uranium Deposits, Saskatchewan", 31 Jan 2007, on SEDAR (www.sedar.com) under the profile of Denison Mines Corp.
 (7) "Technical report on the Waterbury Lake uranium project including resource estimate on the J Zone uranium deposit, Waterbury Lake property, located in the Athabasca Basin, Northern Saskatchewan", Feb 29 2012 and revised May 29, 2012 on SEDAR (www.sedar.com) under the profile of Fission Energy Corp.

Radio Property Location

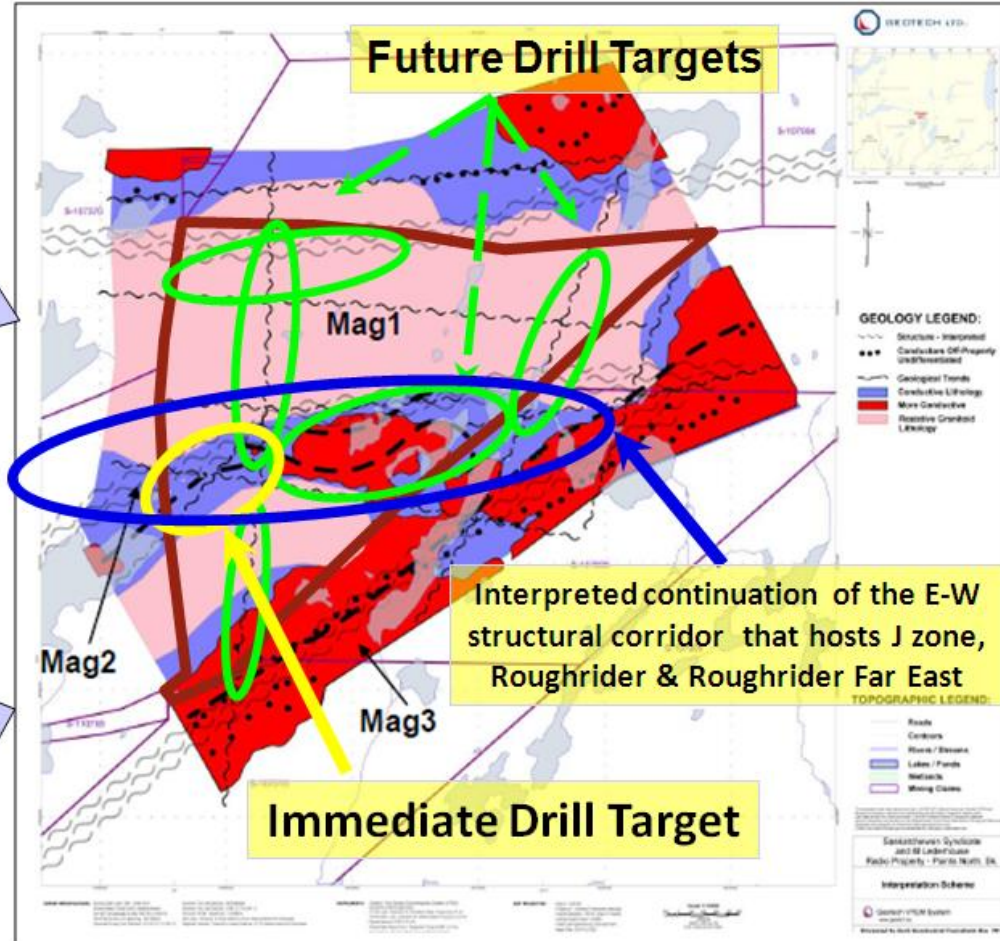
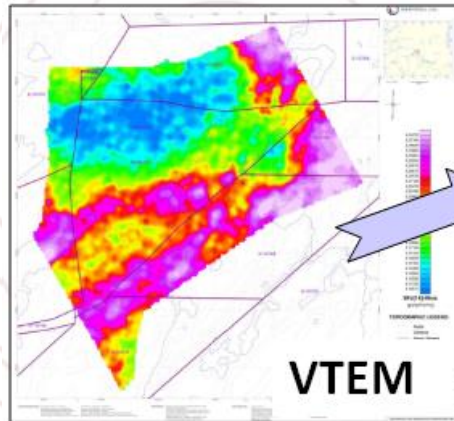
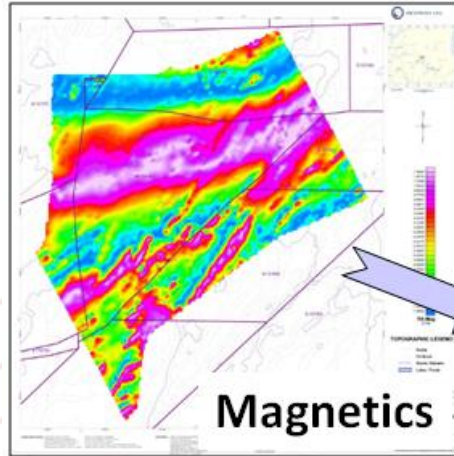
- Radio is adjacent to and covers the extension of the interpreted E-W structural corridor which hosts the world class Roughrider deposits



Source: Fission Energy presentation to Agora Financial, Vancouver; July 25, 2012

Radio Project Aeromagnetics and VTEM

Flown April 2011

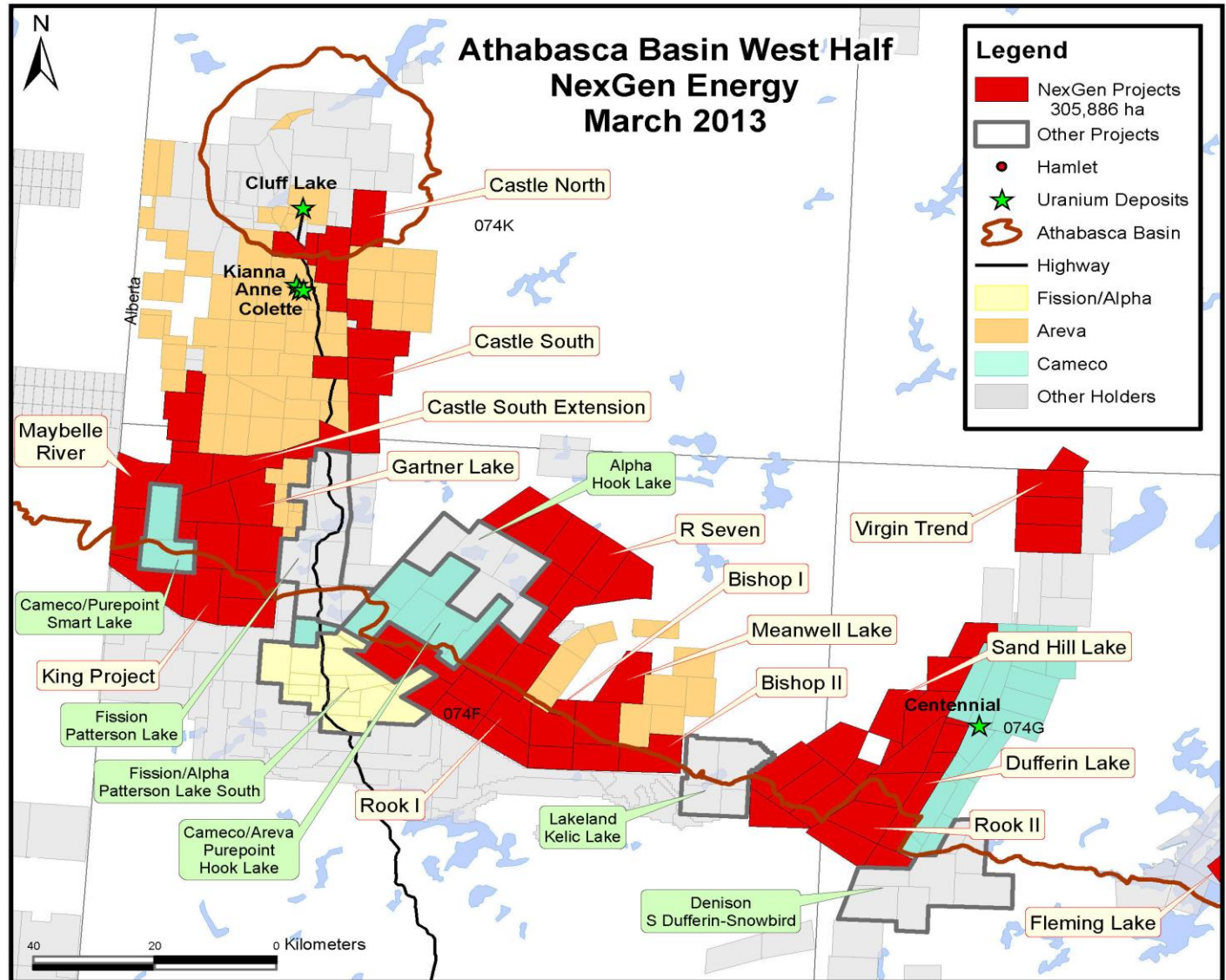


Asset Location Map

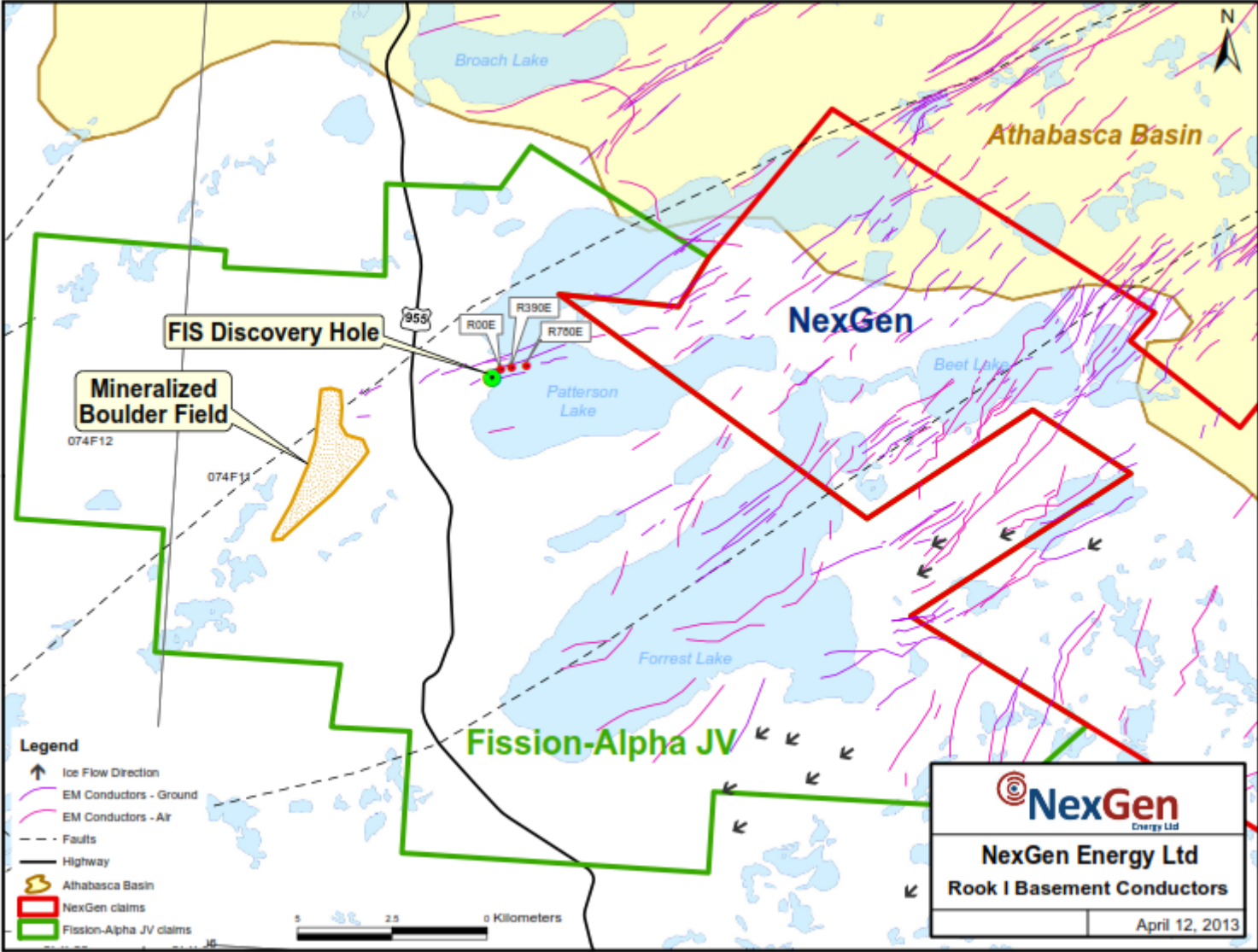
One of the most dominant land positions on the Western side of the Athabasca Basin

Rook I adjacent to Patterson Lake South discovery,

Land position covers the shallower section of the Basin at the unconformity



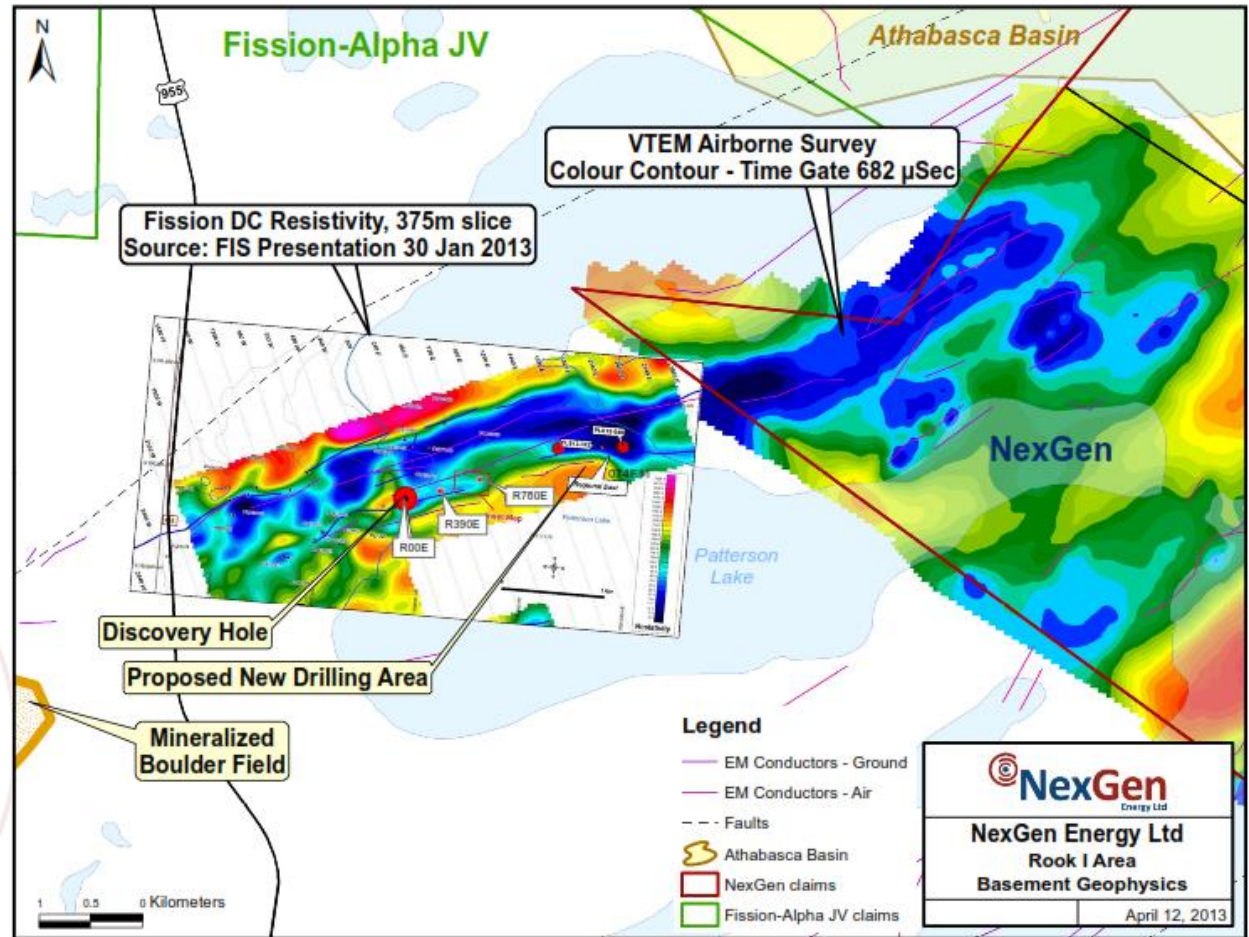
Rook I – Adjacent to Patterson Lake South FIS/AMW JV



Rook I – Adjacent to Patterson Lake South FIS/AMW JV

Highlights

- Located directly to the northeast of and along strike from the Fission/Alpha Patterson Lake South property with one reported intersection of **12.5m @ 2.49% U308**
- The same conductor system trends onto the Rook 1 property, and bedrock source of the high grade boulders is interpreted to lie on Rook 1



NexGen Exploration Program

- Ground gravity and organic soil geochemistry to detect buried mineralisation
- Drilling June 2013

Northwest Athabasca Project*

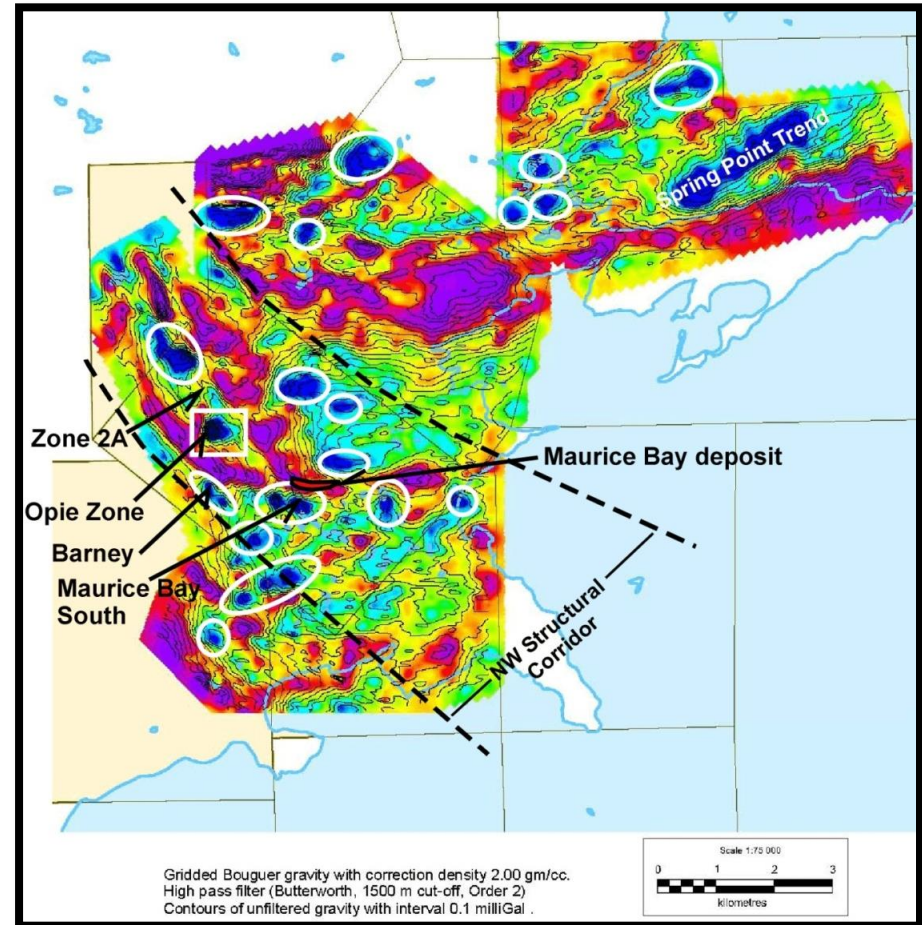
Highlights.

- **Zone 2A** drilling in 2012 returned a result of **1.5m @ 2.48% U₃O₈ (incl. 0.5m @ 5.77% U₃O₈)** from a vertical depth of 26m.
- **Barney** drilling in 2012 returned a result of **7.0m @ 0.132%** from a vertical depth of 119m.
- 50/50 JV with Forum Uranium Corp.. Forum and Mega can earn a 60% interest in the NW Athabasca project, a JV between Cameco Corp. and Areva Resources Canada, by completing \$4 million in exploration over four years and making cash payments of \$400,000 over three years

See Mega Uranium press release dated May 9, 2012; on SEDAR (www.sedar.com) under the profile of Mega Uranium.

NexGen Exploration Program

- Drill Opie Zone
- Gravity lows are spatially co-incident with zones of intense alteration and act as a vector to mineralisation. Fifteen gravity targets identified for drilling.



Exploration Program and Budget

*A continuous and focused exploration program**

Property	Program	When	Budget (\$M)
Radio	Summer drilling campaign of 12 holes	June – July 2013	\$2.25M
Rook I	Resistivity Survey Summer drilling campaign of 6 holes	May – July 2013	\$1.25M
NexGen properties NE – SW of Rook I	Geophysics	June - July	\$0.3M

**Timing of expenditures subject to seasonal conditions and availability of suitable contractors and equipment*

Share Structure

Share Structure:

Current

Shares issued and outstanding

No. of shares

86,813,166

Warrants (\$0.40 - \$0.60)

7,879,056

Options (\$0.40)

5,750,000

100,442,222

Cash at Bank on close of RTO proforma \$6.3M

Ownership Pro forma (Undiluted):

Tigers Realm Minerals & Associates 27%

Mega Uranium 25%

Radio Optionors 13%

Board of Directors

Strong board with a successful track record

- Gordon Bogden, Chairman
- Leigh Curyer, Chief Executive Officer
- Chris McFadden, Director
- Trevor Thiele, Director
- Richard Patricio, Director
- Gerry Feldman, Director
- James Currie, Director

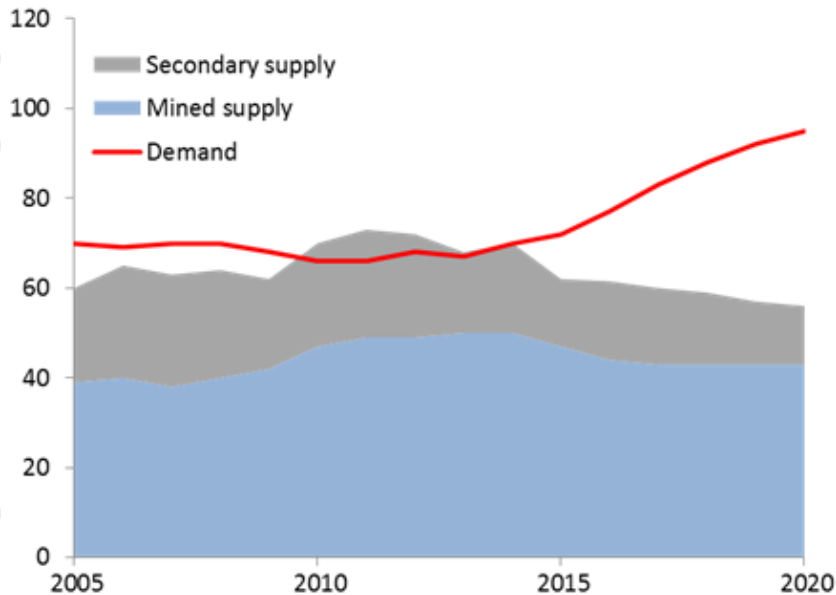


APPENDICES

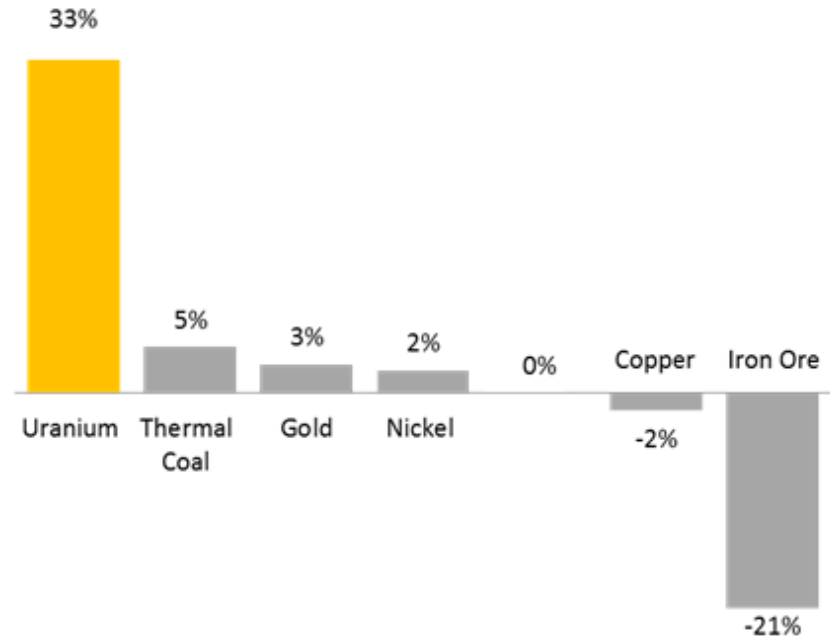
Uranium Market Update

- Nuclear growth is robust post Fukushima
 - August 2012: PDN 2019 – 2024 contract, UAE \$3BN supply contracting, Cameco purchased Yeelirrie for \$430MM
- Forecasted reduction in secondary supply in late 2013 due to expiry of HEU
- Supply/demand deficit forecasted with a high reliance on new projects, but it won't be enough!

Demand & Supply Dynamics (Kt U)



Key Commodity Price Performance ⁽¹⁾ (3 Year Horizon)



Source: Japanese Ministry of Economy, Trade & Industry, WNA, Bloomberg, Company filings
(1) Consensus Forecast: Argonaut July 2012

Uranium Market Update

Japanese PM Shinzo Abe tours Fukushima 29 Dec 2012

“Observers widely expect Japan to restart its nuclear programme on the LDP's watch”

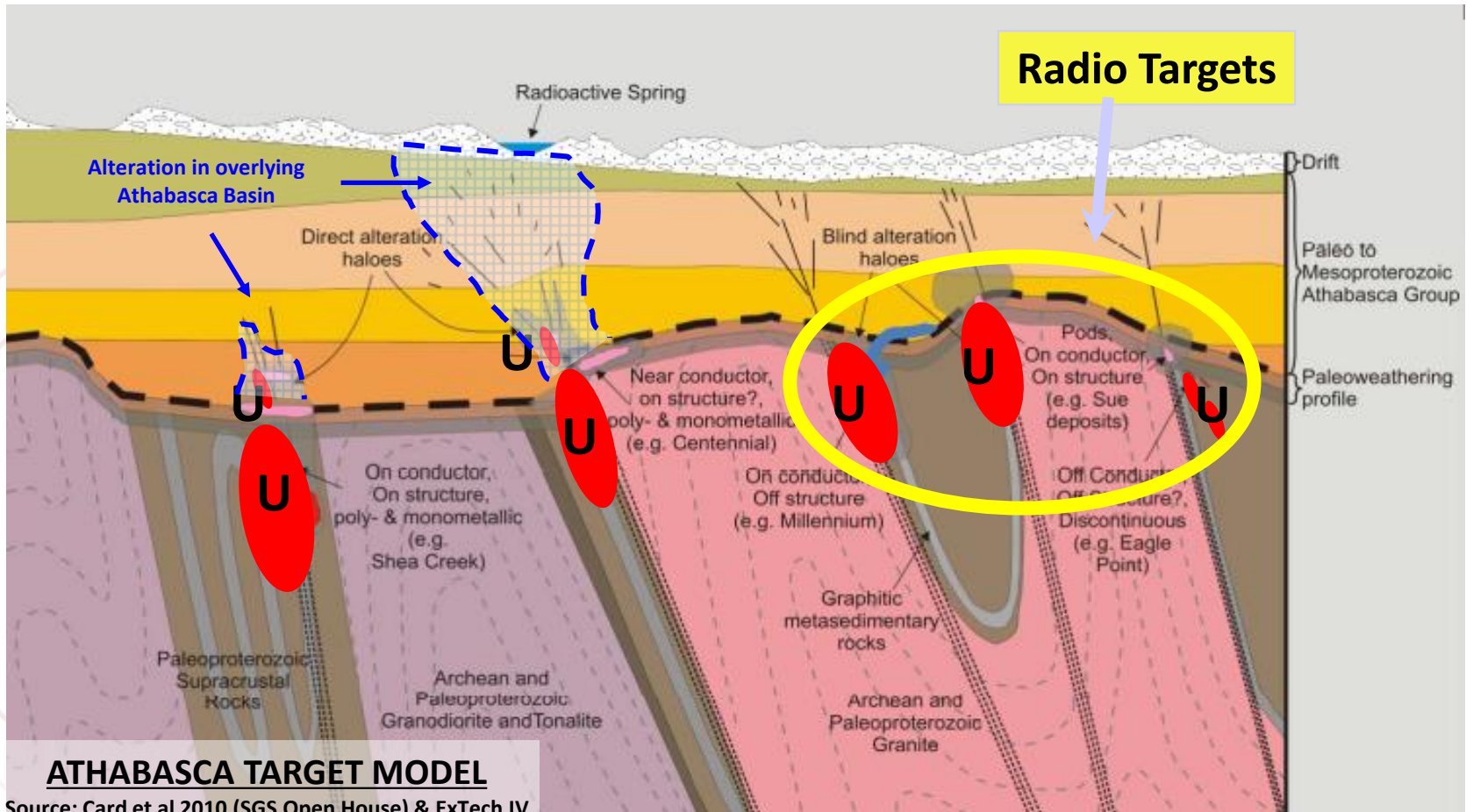
“His government said Thursday it would review a pledge by the previous administration to scrap nuclear power within three decades and would give the green light to power plants deemed safe by regulators”

source France24

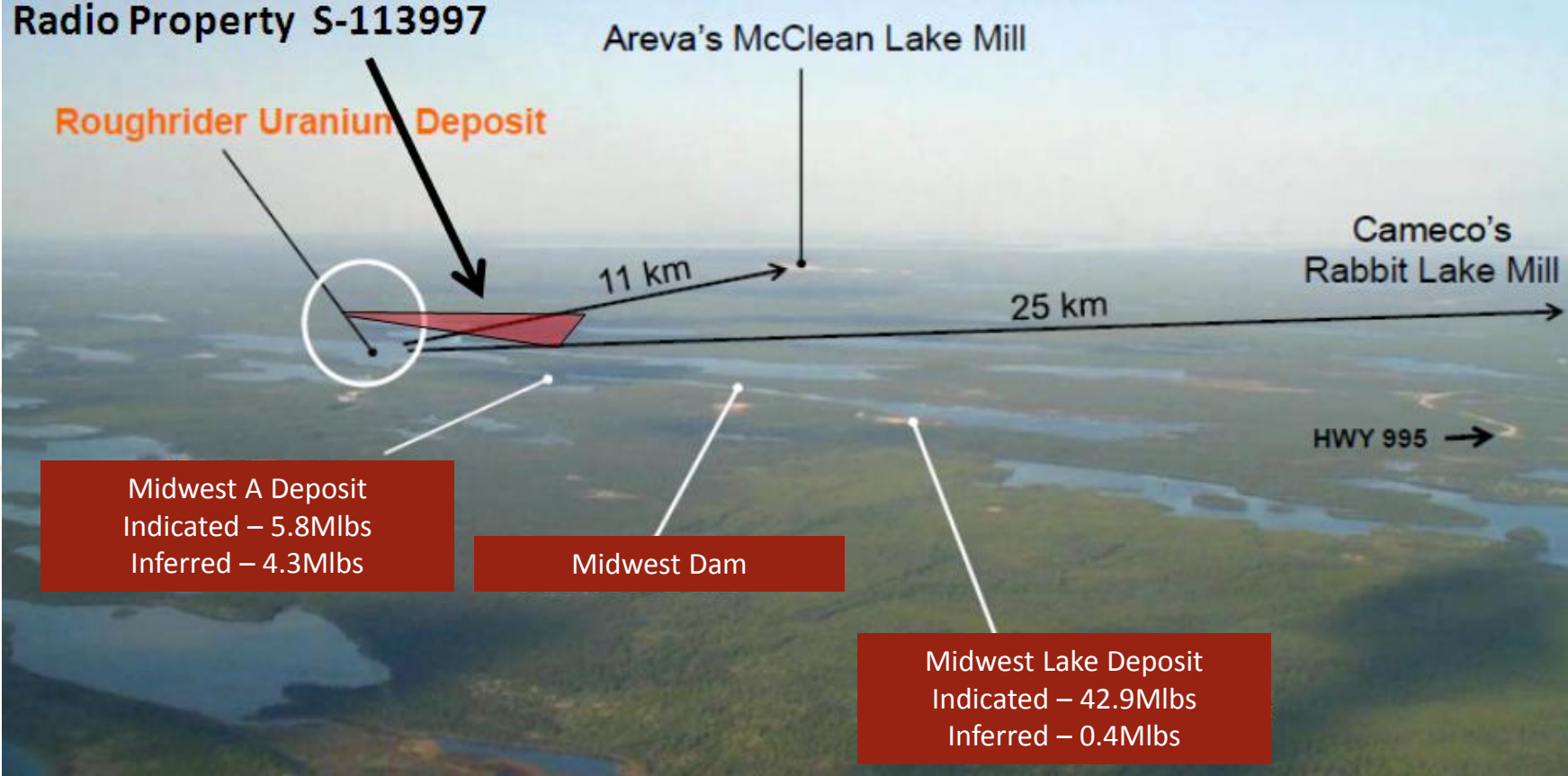


Athabasca Basin Uranium Target Model

- Uranium is associated with basement fault systems, resulting in extensive alteration envelopes above mineralisation; depth to basement at Radio ~170 – 200m



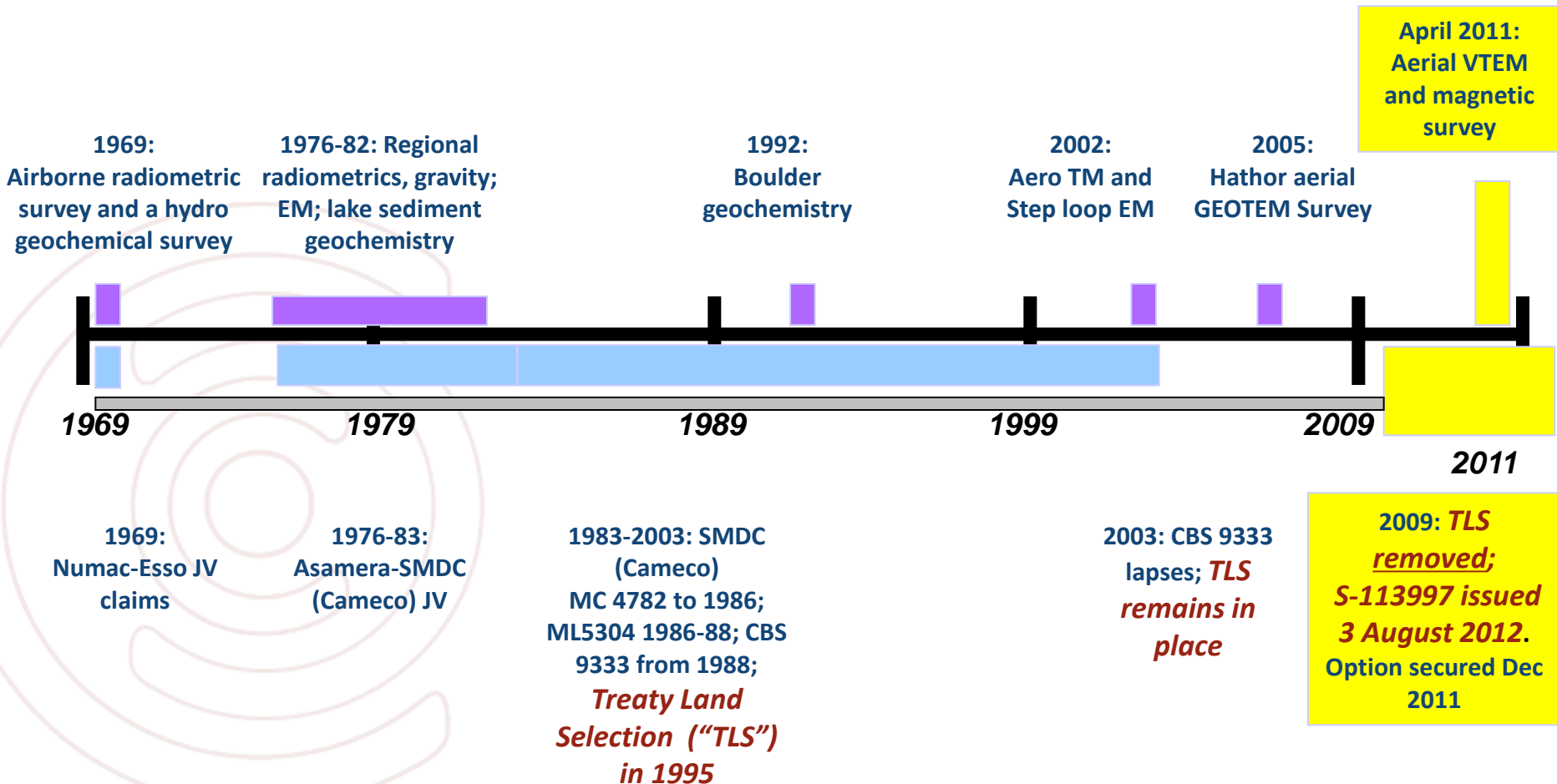
Radio Property Neighbors



Source: Hathor Exploration April 2011 Corporate Presentation

Tenement History & Exploration, 1969 - 2011

Radio has never had a single drill hole!



Radio Option Agreement Terms

- Exclusive option to earn initial 70% interest over 3 years for (i) \$15M in expenditures on the property (\$5M by March 31, 2014, \$5M by May 31, 2014, \$5M by 31 March 2015); and
- Cash payments of \$6M due as follows:
 - \$3.1M cash has been paid
 - \$600k per annum (next 30 June 2013, then 5 December 2014 – 2017);
- Qualifying Exploration to 31 March 2013 of \$927,461;
- Optionors entitled to shares representing 20% of NexGen's share capital (until such time as NexGen raises \$21M in financing), issuable annually during earn-in (raised \$10M to date);
- First Right of Offer on remaining 30% interest or free carry to production

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Prospective investors are cautioned that investment in the Company is highly speculative due to the nature of the Company's business and the present early stage of its development. You should be prepared to accept that you may lose your investment in the Company. There are a number of risks that may have a material and adverse impact on the future operating and financial performance of the Company and the value of its securities, including, without limitation:

- there is no known mineralisation at the Radio Project; and there is no assurance that any will be identified;
- the Company depends on third party financing and there can be no assurance it will raise funds as and when required and there can be no assurance that the Company will be successful in listing its securities on a Canadian stock exchange;
- the company has a limited operating history;
- mineral exploration is highly speculative, involves substantial expenditures, and is frequently unsuccessful;
- all phases of the Company's operations are subject to environmental regulation;
- changes in the market price of uranium will affect the viability of the Company's projects;
- unexpected geological or hydrological conditions;
- a possible deterioration in political support for nuclear energy;
- changes in governmental regulations and policies;
- changes in the demand for nuclear power;
- obtaining and maintaining various permits and governmental approvals;
- weather and other natural phenomena;
- the Company is dependent upon a number of key management personnel.

RIGHTS OF WITHDRAWAL AND RESCISSION

ONTARIO

In certain circumstances, subscribers for the Securities in the Province of Ontario shall have a right of action for rescission and/or damages, in addition to any other right they may have at law, against the Company if this confidential presentation or any amendment hereto contains a misrepresentation (as defined in the Securities Act (Ontario)). In particular, Ontario Securities Commission Rule 45-501 provides that when an offering memorandum, such as this confidential presentation, is delivered to an investor to whom securities are distributed in reliance upon the “accredited investor” or “minimum amount investment” prospectus exemption in NI 45-106, the right of action referred to in Section 130.1 of the Securities Act (Ontario) is applicable. Section 130.1 of the Securities Act (Ontario) provides that if this presentation contains a misrepresentation, the subscriber, without regard to whether the subscriber relied on the misrepresentation, will have a statutory right of action against the Company for damages or for rescission; if the subscriber elects to exercise the right of rescission, the subscriber will have no right of action for damages against the Company. No such action shall be commenced more than, in the case of an action for rescission, 180 days after the date of the transaction that gave rise to the cause of action, or, in the case of any action other than an action for rescission, the earlier of: (i) 180 days after the subscriber first had knowledge of the facts giving rise to the cause of action, or (ii) three years after the date of the transaction that gave rise to the cause of action.

The Securities Act (Ontario) provides a number of limitations and defences to such actions, including the following: (a) the Company will not be liable if it proves that the subscriber purchased the Securities with knowledge of the misrepresentation; (b) in an action for damages, the Company is not liable for all or any portion of the damages that the Company proves do not represent the depreciation in value of the Securities as a result of the misrepresentation relied upon; and (c) in no case shall the amount recoverable exceed the price at which the Securities were offered.

These rights are not available for a Subscriber that is: (a) a Canadian financial institution, meaning either: (i) an association governed by the Cooperative Credit Associations Act (Canada) or a central cooperative credit society for which an order has been made under section 473(1) of that Act; or (ii) a bank, loan corporation, trust company, trust corporation, insurance company, treasury branch, credit union, caisse populaire, financial services corporation, or league that, in each case, is authorized by an enactment of Canada or a province or territory of Canada to carry on business in Canada or a territory in Canada; (b) a Schedule III bank, meaning an authorized foreign bank named in Schedule III of the Bank Act (Canada); (c) the Business Development Bank of Canada incorporated under the Business Development Bank of Canada Act (Canada); or (d) a subsidiary of any person referred to in paragraphs (a), (b) or (c), if the person owns all of the voting securities of the subsidiary, except the voting securities required by law to be owned by the directors of the subsidiary.

The right of action for rescission or damages is in addition to and without derogation from any other rights an Ontario subscriber may have at law. The foregoing summary is subject to the express provisions of Ontario securities laws, regulations and rules, and reference should be made thereto for the complete text of such provisions. Such provisions may contain limitations and statutory defences not described herein which we and other applicable parties may rely. Subscribers in the Province of Ontario should refer to the applicable provisions of Ontario securities laws, regulations and rules for the particulars of these rights or consult with a legal adviser.

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The Securities Act (Alberta) provides a number of limitations and defences to such actions, including the following: (a) the Company or its directors will not be liable if it proves that the subscriber purchased the Securities with knowledge of the misrepresentation; (b) in an action for damages, the Company and its directors will not be liable for all or any portion of the damages that the Company proves do not represent the depreciation in value of the Securities as a result of the misrepresentation; and (c) in no case shall the amount recoverable exceed the price at which the Securities were offered to the subscribers. In addition, no person other than the Company is liable if the person proves that: (a) this presentation or the amendment to it was sent to the subscriber without the person’s knowledge or consent and that, on becoming aware of its being sent, the person promptly gave reasonable notice to the Company that it was sent without their knowledge or consent; (b) on becoming aware of any misrepresentation in this presentation or amendment to it, the person withdrew their consent to the presentation, or amendment to the presentation, and gave reasonable notice to the Company of the withdrawal and the reason for it; or (c) with respect to any part of the presentation or amendment to it purporting: (i) to be made on the authority of an expert, or (ii) to be a copy of, or an extract from, a report, an opinion or a statement of an expert, the person had no reasonable grounds to believe and did not believe that: (iii) there had been a misrepresentation, or (iv) the relevant part of the presentation or amendment to the presentation (A) did not fairly represent the report, opinion or statement of the expert, or (B) was not a fair copy of, or an extract from, the report, opinion or statement of the expert.

Furthermore no person other than the Company is liable with respect to any part of the presentation or amendment to the presentation not purporting to be made on the authority of an expert, or to be a copy of, or an extract from, a report, opinion or statement of an expert, unless the person either failed to conduct an investigation sufficient to provide reasonable grounds for a belief that there had been no misrepresentation, or believed that there had been a misrepresentation.

A subscriber in Alberta to whom this presentation is required to be sent may rescind the subscription agreement by sending written notice to the Company not later than midnight on the second day, exclusive of Saturdays, Sundays and holidays, after the subscriber signs the agreement to purchase the Securities.

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