

# Skyharbour Resources Ltd.

TSX.V:  
**SYH**

## Exploring for Uranium in the Athabasca Basin of Northern Saskatchewan



April 2013



# Forward Looking Statements

This presentation may contain forward-looking statements including but not limited to comments regarding the timing and content of upcoming work programs, geological interpretations, capital and other costs and credits, timing for and results of feasibility study and other programs, receipt of property titles, potential mineral recovery processes, and other related matters. Forward looking statements address future events and conditions and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements. No representation or prediction is intended as to the results of future work, nor can there be any promise that the estimates and projections herein will be sustained in future work or that the Project will otherwise prove to be Economic. This presentation contains certain "Forward-Looking Statements" within the meaning of Section 21E of the United States Securities Exchange Act of 1934, as amended. All statements, other than statements of historical fact, included herein are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations are disclosed in the Company's documents filed from time to time with the British Columbia Securities Commission and the United States Securities & Exchange Commission.



# Skyharbour Share Capital Structure

Trading Symbol: **SYH** (TSX-V)

Issued & outstanding shares: 35.7 million  
Fully Diluted: 62.2 million

Market Capitalization: \$1.90 million

Recent Price: \$0.055

Cash: \$850,000



# Skyharbour's Management

## *Don C. Huston: President & CEO*

Has been associated with the mineral exploration industry for 25 years and has extensive experience as a financier in-field manager of numerous mineral exploration projects in North America. He was born and raised in Red Lake, Ontario and spent 15 years as a geophysical contractor with C.D Huston & Sons Ltd. As mineral exploration consultants in northern Ontario, Manitoba, and Saskatchewan.

## *Robert D. Marvin, P.Geo., CPG: Exploration Manager*

Since 1979, Mr. Marvin has been involved in mineral exploration for and evaluation of gold, copper, zinc, and uranium deposits throughout the Americas as an employee and as an independent consultant. He graduated from the University of New Mexico with a Bachelor of Science degree in geology in 1984.

## *Jim Pettit: Director*

Jim Pettit is a Director of Skyharbour Resources Ltd. Mr. Pettit is currently serving as a Director on the Boards of 6 public resource companies and offers 15 years experience within the industry specializing in finance, corporate governance, management, and compliance. He specializes in the early stage development of private, as well as public companies. His background over the past 15 years has been focused primarily within the resource sector where he has managed and directed junior resource companies through good times and bad.



# Skyharbour's Uranium Advisory Board

## *Richard Kusmirski, P.Geo, M.Sc.: Head of Advisory Board*

Rick Kusmirski, P.Geo, M.Sc., Head of Advisory Board, has over 40 years of exploration experience in North America and overseas, and has actively participated in the discovery of a number of uranium, gold and base metal deposits. For several years, in his capacity as Exploration Manager, he directed Cameco Corporation's (TSX: CCO) uranium exploration projects in the Athabasca Basin. In 1999, Rick joined JNR Resources becoming Vice President of Exploration in 2000. Subsequently, he directed the exploration program that led to the discovery of the Maverick Zone on the Moore Lake uranium joint venture in the Athabasca Basin in Saskatchewan with partner Kennecott Canada. Rick became JNR's President and CEO in January of 2001. In February of 2013, Denison Mines Corp. (TSX: DML) successfully acquired all of the outstanding shares of JNR by way of a friendly all-share take-over bid.



# Uranium Exploration in the Athabasca Basin

- The Uranium ( $U_3O_8$ ) deposits of Saskatchewan, Canada are the richest in the world
- The Athabasca Basin is an ancient sedimentary basin which hosts the world's most significant uranium mines and produces almost 20% per cent of the current world uranium production
- Athabasca uranium deposits also have grades substantially higher than the world average grade of about 0.2%  $U_3O_8$



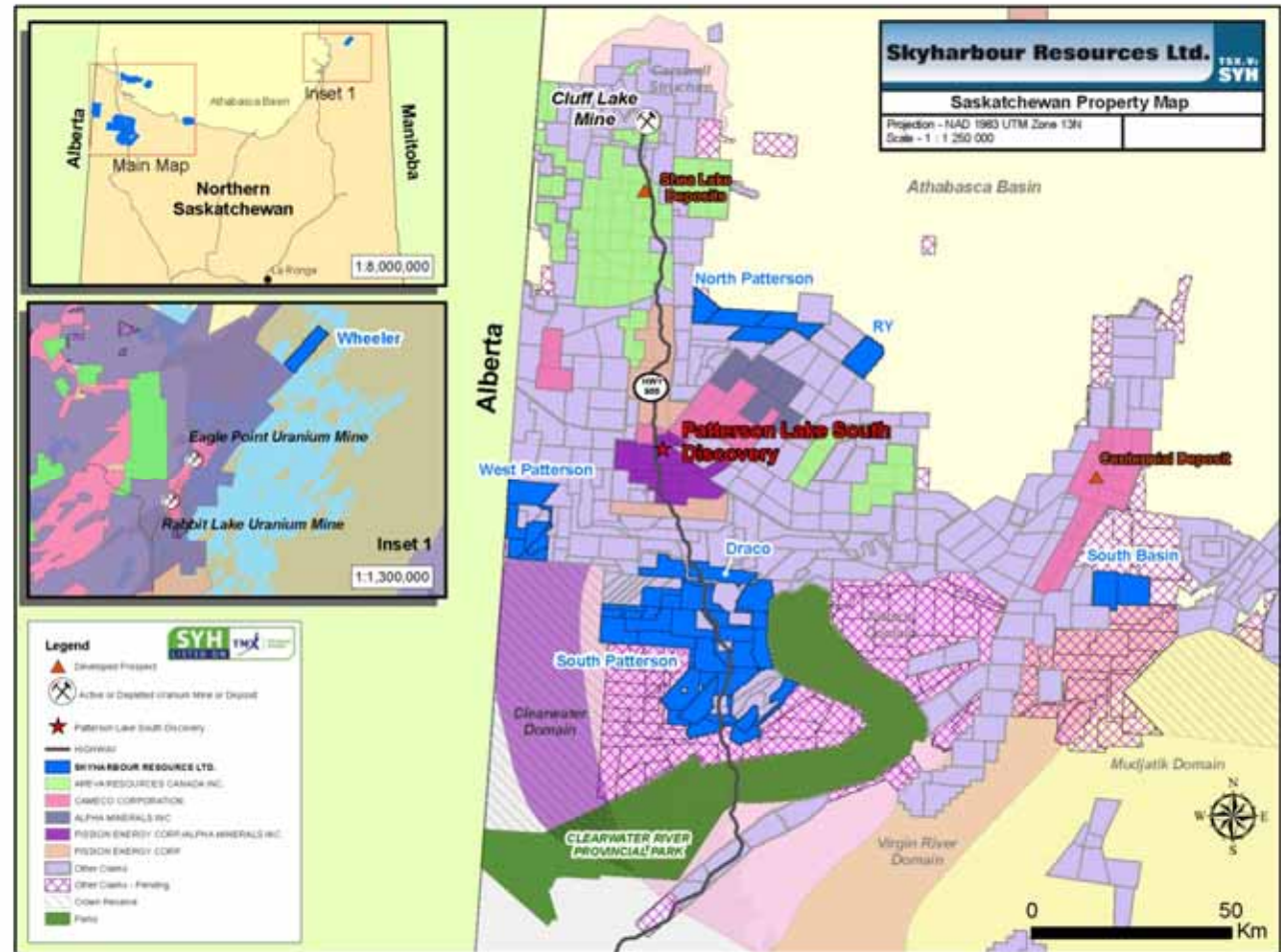
# Uranium Exploration in the Athabasca Basin: Recent Discoveries

- 2012 Southwest Athabasca Basin
  - Patterson Lake South (Alpha Minerals and Fission Energy)
  - Drill results include 10.5m of 29.26% U<sub>3</sub>O<sub>8</sub>, 34m of 4.92% U<sub>3</sub>O<sub>8</sub> and 12.5m of 2.49% U<sub>3</sub>O<sub>8</sub>
  
- 2010 Eastern Flank Athabasca Basin
  - J-Zone (Fission Energy and KEPCO)
  - Indicated 306,831 tonnes at 1.52% U<sub>3</sub>O<sub>8</sub> (10.2 Million lbs)
  - Inferred 138,404 tonnes at 0.90% U<sub>3</sub>O<sub>8</sub> (2.7 Million lbs)
  
- 2008 Eastern Flank Athabasca Basin
  - Wheeler River – Phoenix Deposit (Denison Mines)
  - Phoenix A: 89,900 tonnes at 18.0% U<sub>3</sub>O<sub>8</sub> (35.6 Million lbs)
  - Phoenix B: 23,800 tonnes at 7.3% U<sub>3</sub>O<sub>8</sub> (3.8 Million lbs)



# Skyharbour Uranium Projects in the Athabasca Basin

- Skyharbour has acquired seven properties in the Athabasca Basin of Saskatchewan totaling 400,000 acres
- 6 properties located in the Patterson Lake area totalling approx. 388,000 acres
- 1 property in the Eastern Flank totalling approx. 12,000 acres



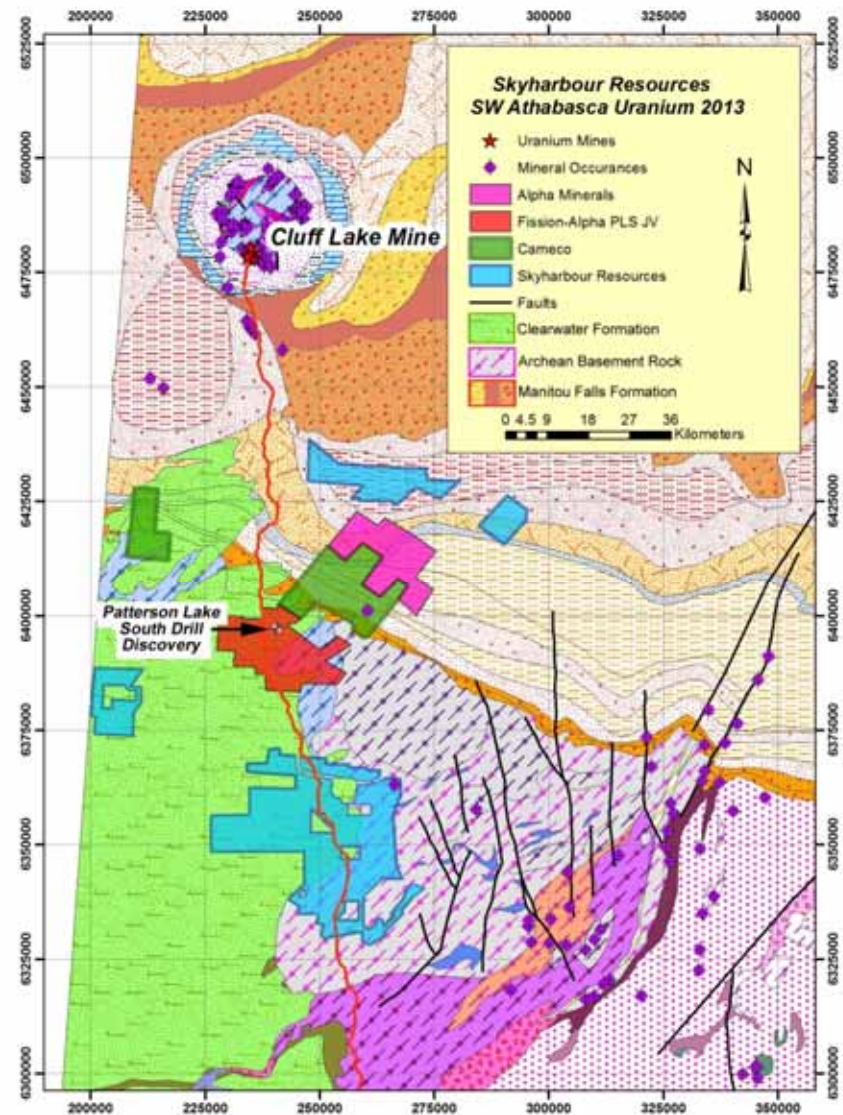
# Alpha Minerals / Fission Energy's Patterson Lake South High Grade Uranium Discovery

- The Patterson Lake area has received escalating exploration attention and claim acquisition activity as a result of the new, shallow discovery made by Alpha and Fission
- Three separate zones along a semi-continuous conductor corridor (as identified by magnetic, resistivity and electromagnetic (EM) geophysical surveys with the three zones supported by discrete radon and radon in water anomalies) have been discovered and partially delineated, with all 3 zones remaining largely open in all directions
- Drill results include 29.26% U<sub>3</sub>O<sub>8</sub> over 10.5 metres in hole PLS13-051 (Alpha / Fission News Release dated April 22) as well as 4.92% U<sub>3</sub>O<sub>8</sub> over 34 metres in hole PLS13-038 (see Alpha / Fission News Release dated March 25)
- This mineralized zone is located approximately 400 metres to the northeast of discovery hole PLS12-024 which returned 2.49% U<sub>3</sub>O<sub>8</sub> over 12.5 metres
- These discoveries demonstrate the potential for high-grade uranium mineralization on the margins of the western side of the Athabasca Basin where significantly less exploration has been carried out compared to the eastern side of the Athabasca Basin



# Patterson Lake Area Properties

- 388,000 acres of prospective ground are strategically located near the Alpha Minerals (TSX-V: AMW; "Alpha") and Fission Energy (TSX-V: FIS; "Fission") Patterson Lake South (PLS) discovery area
- Skyharbour's properties were acquired for their proximity to the PLS discovery and interpreted favourable geology for the occurrence of PLS style uranium mineralization; it is one of the largest land positions in the Patterson Lake area
- The Company continues to examine and compile all available historic and related mineral exploration data associated with the acquired properties in anticipation of uranium exploration work programs this year
- Other regional operators in the area include Cameco Corp., Areva, and Denison Mines

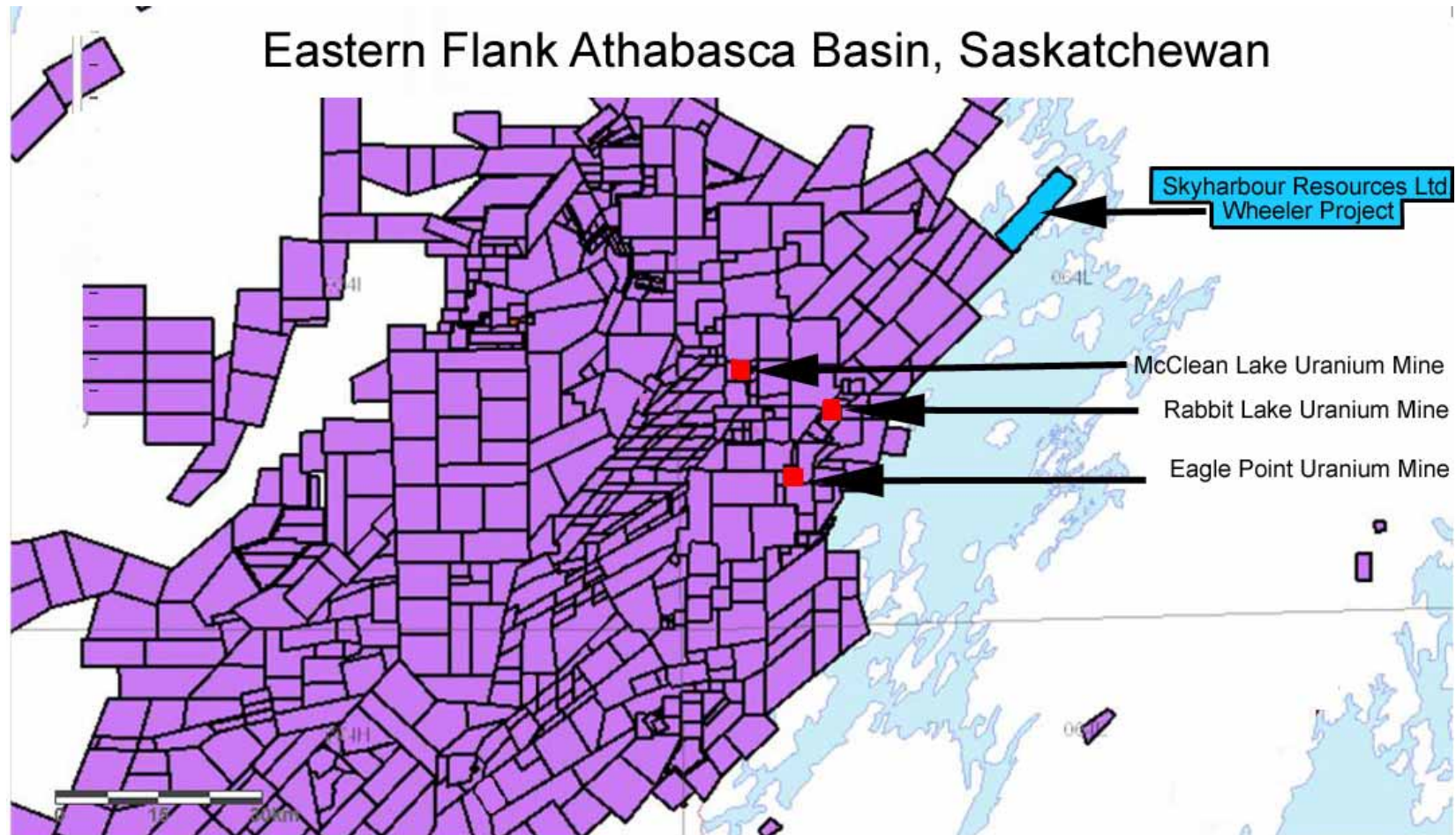


# Patterson Lake Properties

- Skyharbour's West Patterson Property is located approximately 18 km to the southwest of Fission / Alpha's Patterson Lake South project claim boundary
- This property is on strike with the W-SW to E-NE mineralized trend being delineated at the PLS uranium discovery zones
- Skyharbour also has two properties, North Patterson and RY, that are strategically located approximately 27 km and 35 km respectively to the north of Fission / Alpha's Patterson Lake South project claim boundary and cover prospective geology within the Athabasca Basin sandstones including NE-SW regional structural trends
- Another two properties, Draco and South Patterson, are approximately 15 km to the south of Fission / Alpha's Patterson Lake South project claim boundary and are road accessible via all-weather Highway 955 which runs north to the former Cluff Lake mine (> 60M lbs of U3O8 produced)
- Approximately 90 km east of the PLS discovery is Skyharbour's South Basin Property which is situated along the unconformable contact between basement rocks and the Athabasca Basin
- With this significant land package, the Company is well positioned in this emerging area to the north, south and east of the recent high grade uranium discovery



# Wheeler Uranium Property



# Wheeler Uranium Property

- 11,769 acre Wheeler Project is located in the Eastern Flank of the Athabasca Basin and has three uranium showings on the property; grab sample assay values range from 10 ppm to 0.495% U<sub>3</sub>O<sub>8</sub>
- The mineralization is contemporaneous with the formation of the pegmatoid rocks and uranium mineralization is scattered uraninite grains enclosed in fresh and weakly altered biotite, quartz and feldspar
- The Wheeler Project has two obvious targets for immediate exploration: first, the known, outcropping, pegmatite hosted uranium mineralization mentioned above, and second, Cigar Lake style uranium mineralization hosted at the regional, unconformable contact between the Archean age pegmatites and overlying basin fill sedimentary units



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Contact: Jordan Trimble – Corp. Comm.

Telephone: (604) 687-3376

Toll Free: 800-567-8181

[www.skyharbourltd.com](http://www.skyharbourltd.com)

[info@skyharbourltd.com](mailto:info@skyharbourltd.com)

**Suite 2230, 885 West Georgia Street, Vancouver, BC, V6C 3E8, CANADA**

*Qualified Person: Robert Marvin, P.Geo., CPG, is the Qualified Person as defined by National Instrument 43-101 and supervised both the project field exploration and the preparation of the technical information in this presentation.*