

Deliberately Positioned for Uranium's Revival

FORWARD-LOOKING STATEMENTS



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Qualified Person

Scott Frostad BSc, MASc, PGeo, Purepoint's Vice President, Exploration, is the Qualified Person responsible for technical content of this presentation.

The Company We Keep



Established in the Basin since 2002, Purepoint holds 12 highly prospective uranium projects in the Athabasca Basin.

Its Hook Lake Project is a joint venture with two of the largest uranium suppliers in the world, **Cameco Corp** & **Orano Canada** and it is on trend with the decade's largest uranium discoveries from NexGen Energy Ltd. and Fission Uranium Corp.

Our Partners



Our Neighbors



Purepoint Uranium Group Inc.

Why Uranium?

To Date

- We are coming out of the acknowledged **bottom** of the uranium price cycle
- Ongoing mine closures/ production **reductions are depleting** available supply
- **Demand** continues to rise with new reactors

Now

- Elimination of excess inventory to result in **near term correction**
- A **50% - 100%** increase in current uranium prices required to attain economic production (open mines)
- Limited investment choices now remain

The pending revival in uranium prices is expected to be quick and significant

Why Purepoint?

To Date

- **Hook Lake** project in the Athabasca Basin's Patterson Uranium District
- **High-Grade Discoveries** already made on trend with this century's largest uranium discoveries (Fission/NexGen)
- **Funding/Exploration Partners** - Cameco & Orano

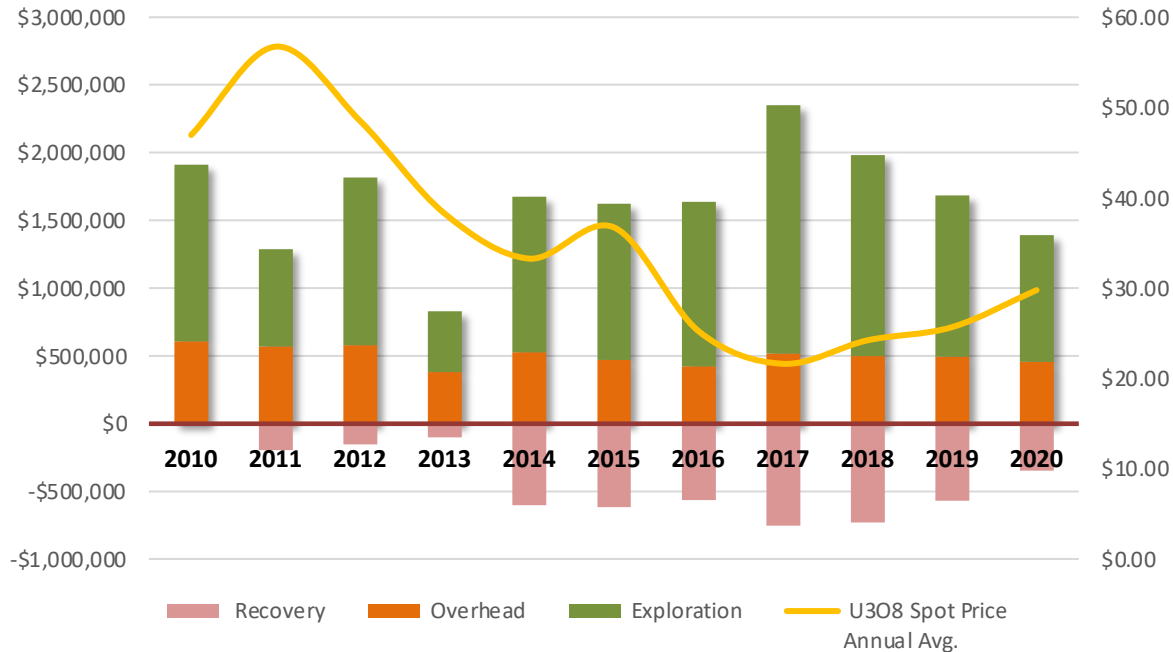
Now

- One of the most advanced **portfolios** of 100%-owned projects in the Athabasca Basin
- A pipeline of **advanced** projects
- **>\$25MM invested** to date
- Easily **maintained** in anticipation of a U price revival

Poised for discoveries as we enter a new phase of the uranium price cycle

Sustainable Operational Strategy

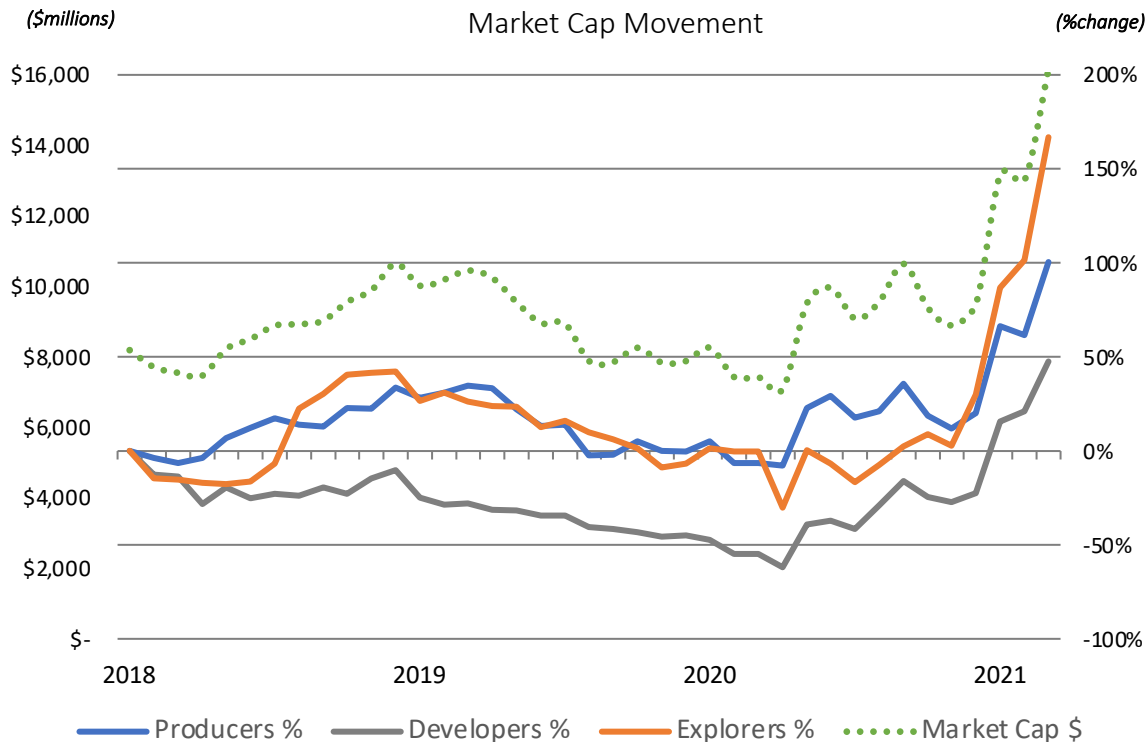
Allowed Purepoint to Remain Active and Relevant During the Down Cycle



Since 2011:

- ✓ We have averaged \$1,135,000 per year in exploration spending while managing well over twice that
- ✓ We have raised and spent approximately \$12MM – almost all was flow-through
- ✓ O/H costs have averaged just under \$500,000 per year
- ✓ Recoveries from joint venture operations (\$4,600,000) have covered almost all overheads

Equities Anticipate a U Price Correction



In the last year, the value of uranium equities has jumped approximately 130% to over \$16 billion

PRODUCERS

Cameco Corp
Denison Mines Corp
Energy Fuels Inc
Energy Resources of Australia Limited
Paladin Energy Ltd
Ur-Energy Inc
Uranium Energy Corp

88%

DEVELOPERS

Anfield Energy Inc
Berkeley Energia Ltd
Fission Uranium Corp
Forsys Metals Corp
Global Atomic
Goviex Uranium Inc
Laramide Resources Ltd
NexGen Energy Ltd
Toro Energy Limited
UEX Corporation
Vimy Resources Ltd

75%

EXPLORERS

Azarga Uranium Corp
Bannerman Resources
Deep Yellow Limited
Fission 3.0 Corp
Purepoint Uranium
Skyharbour Resources

165%

5 Month Gain

Established Pipeline of Uranium Projects

Covering all stages of the exploration cycle

Outside its flagship Hook Lake Project, drilling to date on Smart Lake, Red Willow and Turnor Lake projects have all resulted in the identification of uranium mineralization and related exploration indicators for further follow-up

High Grade Discoveries at Flagship Hook Lake Project

2021 Results pending assay and JV review

Hook Lake	28,683 h	21% Ownership (Cameco & Orano)
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First Pass Drilling Completed

Uranium mineralization identified at all projects

Smart Lake	9,800 h	27% Ownership (Cameco)
Red Willow	40,116 h	100% Owned
Turnor Lake	9,705 h	100% Owned

Drill Targets Defined

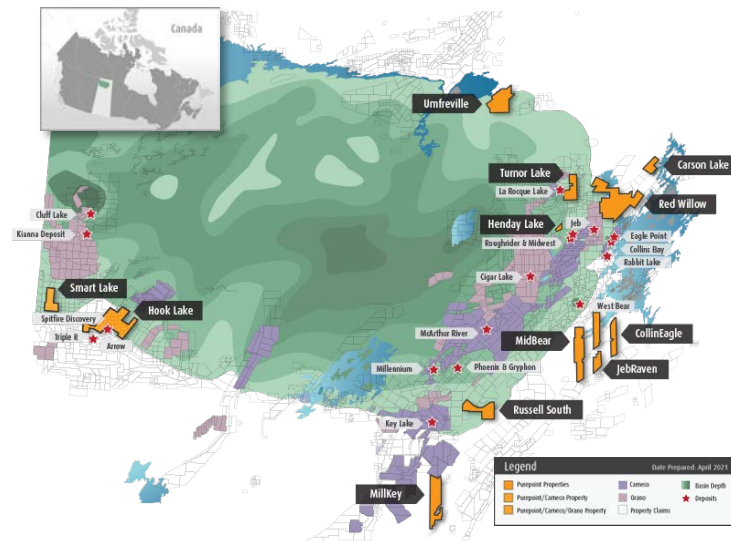
Pending maiden drill programs

Umfreville	18,273 h	100% Owned
Henday	1,029 h	100% Owned

Follow-Up Geophysics Planned

Pending ground/airborne geophysics*

Carson Lake *	4,972 h	100% Owned
Russell South*	13,320 h	100% Owned
JebHaven	14,400 h	100% Owned
ColinEagle	8,461 h	100% Owned
MidBear	21,546 h	100% Owned
Millkey	21,661 h	100% Owned



Aggressive Exploration Work Underway

Exploration Pipeline

High Level Plan subject to change on availability of service providers , pending permit applications and seasonal weather conditions

Projects	May-21	June-21	July-21	Aug-21	Sept-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar- 22
Hook Lake*	JV Tech Comm Meeting					JV Tech Comm Meeting		Drilling TBD			
Smart Lake	JV Tech Comm Meeting		Permit applications		Secure service providers	JV Tech Comm Meeting	Ground Geophysics		Drilling TBD		TBD
Red Willow*	Secure service providers (drilling)	Drilling (up to 2,000 m)							TBD	TBD	TBD
Umfreville*		Drilling (up to 2,000 m)							TBD	TBD	TBD
Henday*					Drilling (up to 2,000 m)				TBD	TBD	TBD
Carson Lake			Permit applications		Secure service providers			Ground Geophysics	TBD	TBD	TBD
Russell South								Ground Geophysics	TBD	TBD	TBD
Turnor Lake						Secure service providers			Drilling		
Tabbenor Block (Midbear, JebRaven, CollinEagle & Millkey)		Secure service providers		Airborne Geophysics					TBD	TBD	TBD

* Drilling permits granted and in place

Highly Qualified Leadership Team

With Decades of Experience in the Basin



Chris Frostad, BBA, CA, CPA - President & CEO and Director

- 35+ years of experience in the development and building a variety of high growth, early stage, public and private companies in both the technology and mining and metals industries.
- Served as President & CEO of Minera Alamos Inc (MAI) and director of Victory Capital Corp (VIC) and Enthusiast Gaming Holdings Inc (EGLX) as well as CEO in Resident of Toronto-based Venture Capital Firm.



Linda Tong, GIS Specialist

- 20+ years of experience in GIS application, GIS development and computer programming.
- Linda has been Purepoint's GIS Specialist since January 2016.



Scott Frostad, BSc, MSc, PGeo – Vice President, Exploration and Director

- 30+ years of experience in the mining industry throughout Canada.
- Worked with renowned mining companies such as Lac Minerals, Teck and Placer Dome. Most recently, he was Environmental Specialist for Cogema Resources Inc. and managed environmental issues at both the Cluff Lake and McClean Lake Uranium Mines in Northern Saskatchewan.



Jeanny So, Corporate Communications

- 20+ years of sales and investor management leadership in the Capital Markets
- A communications and relationship expert with a well-respected reputation within the mining industry

Allan Beach, BA, LLB - Director

- Former partner Fasken Martineau DuMoulin LLP, with over 30 years of experience emphasizing mergers and acquisitions, venture capital, tax advantaged structures and general corporate finance.

Borys Chabursky, BCS - Director

- Founder of Shift Networks and served as the Chairman of SHI Capital, a boutique investment bank, and President of SHI Ventures, a vehicle through which he has invested as an angel in over 40 companies.

Ram Ramachandran, BA, CA, CPA – CFO

- Spent 11-years as Deputy Director and Associate Chief Accountant with the Ontario Securities Commission.

Capital Structure

Deliberately Positioned for Uranium's Revival



TSX Venture: PTU

Market Capitalization (as of April 8, 2021)	\$38.45 mm
52 Week Range	\$0.12 - \$0.025
Shares Outstanding	320.45 mm
Options (@\$0.08 weighted avg.)	22.21 mm
Warrants (@\$0.10 weighted avg.)	99.00 mm
Shares Fully Diluted	441.66 mm
Insider Ownership	~4.5%
Institutional Ownership	~27%
Cash on Hand (as of April 8, 2021)	~\$6.5 million

A “Major” Exploration Project



The Patterson Corridor is home to the largest uranium discoveries of this century, worldwide – NexGen’s Arrow Deposit & Fission’s Triple R Deposit



Hook Lake JV & the Patterson Corridor

The priority exploration project of two of the world’s largest suppliers of Uranium – Cameco Corp and Orano Canada

Hook Lake & The Patterson Corridor

Purepoint's **Spitfire** Deposit

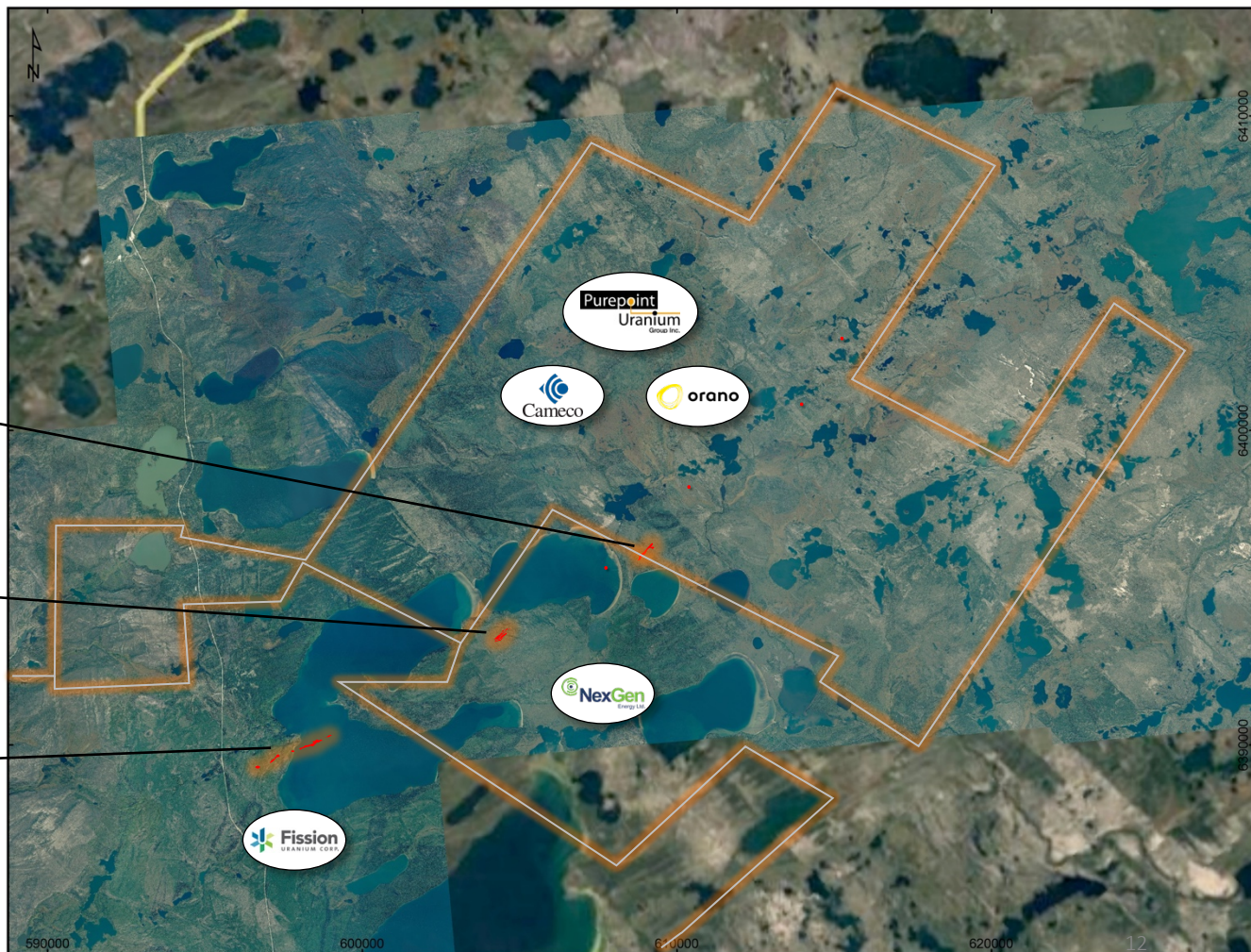
- Resource not defined
- Results include **10.3% U_3O_8** over 10.0 metres

NexGen's **Arrow** Deposit

- 2018 PFS
- Indicated Resource
- **256,600,000 lbs U_3O_8**
- Avg Grade **4.03% U_3O_8**

Fission's **Triple R** Deposit

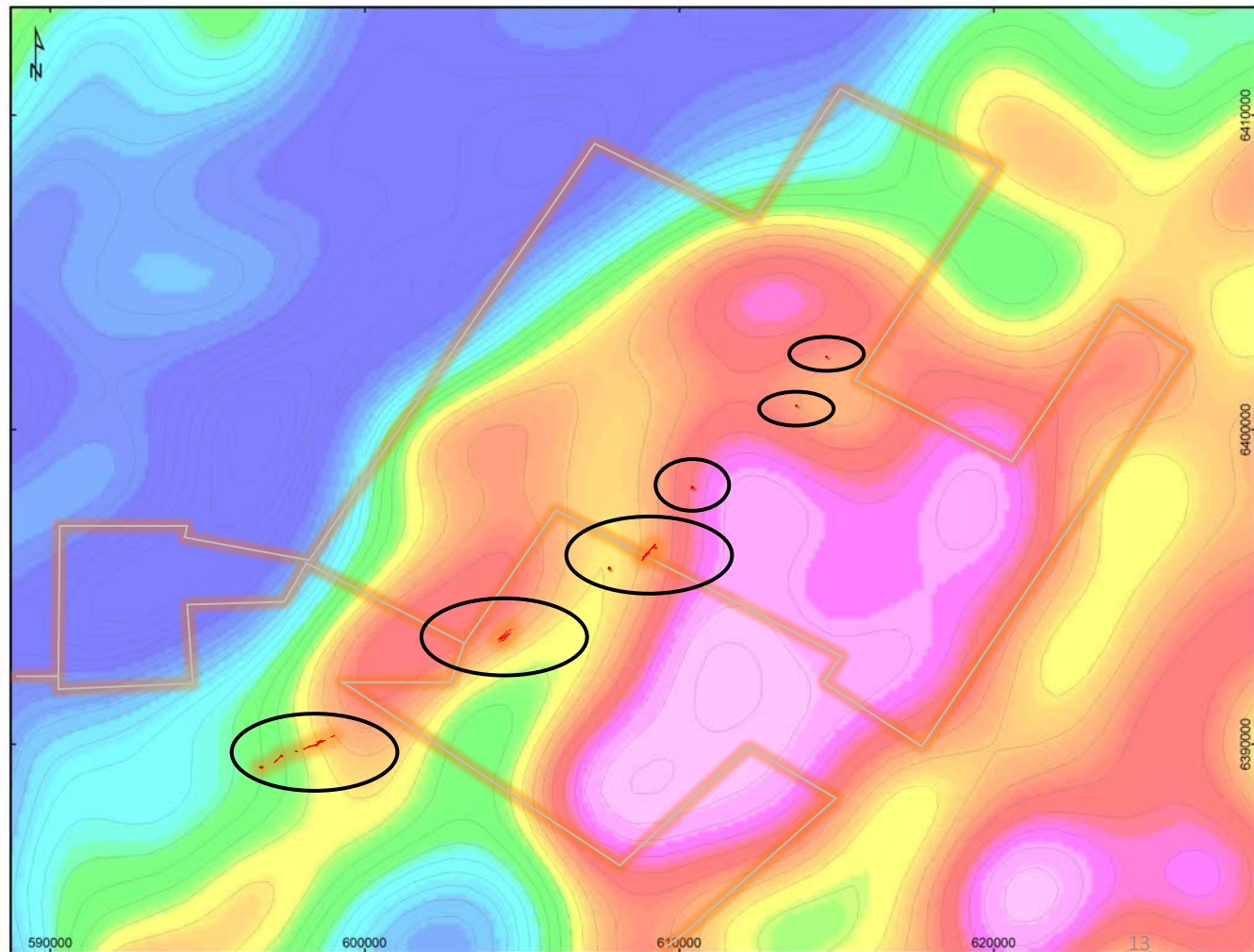
- 2019 PFS
- Indicated Resource
- **102,360,000 lbs U_3O_8**
- Avg Grade **2.10% U_3O_8**



Hook Lake & The Patterson Corridor

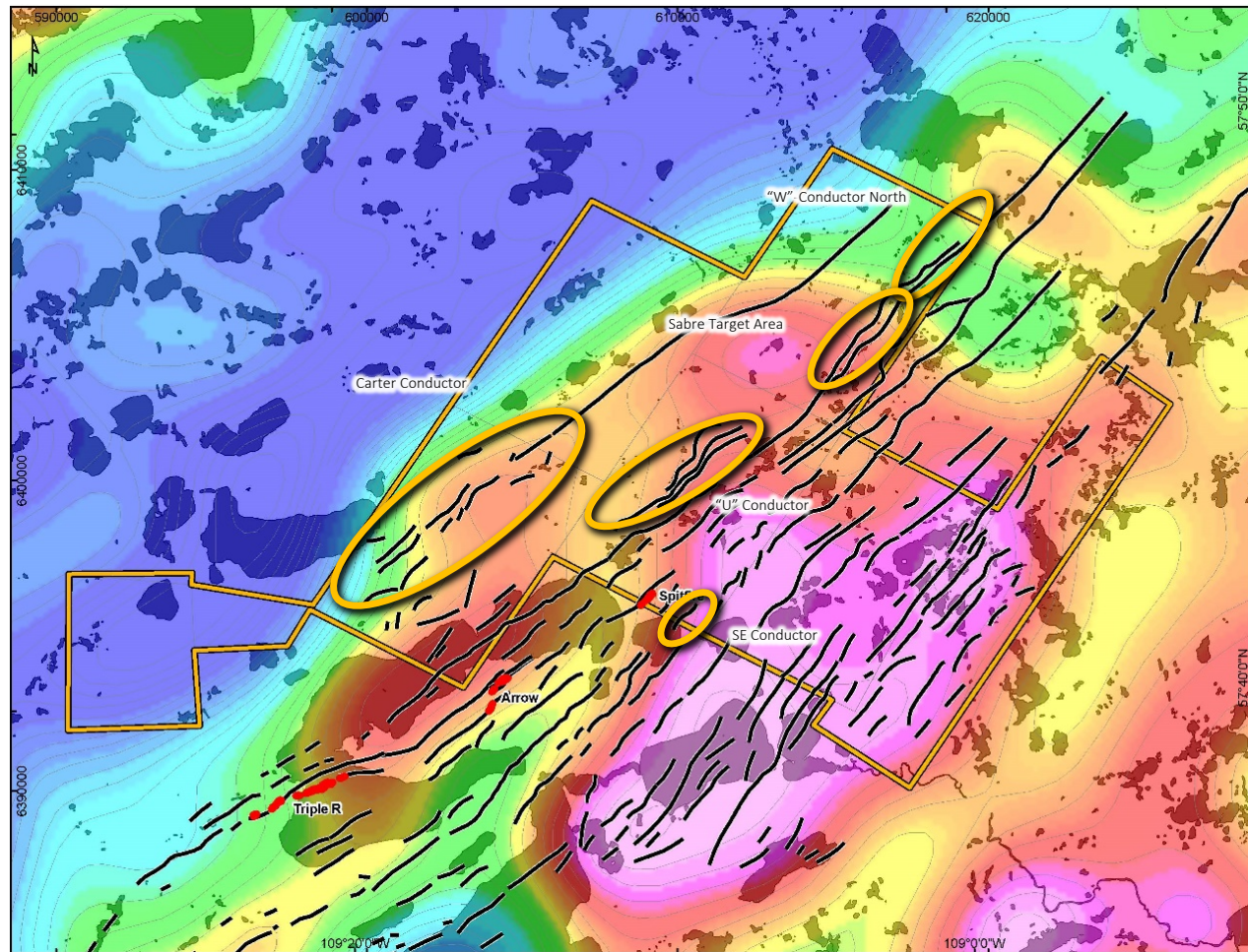
Mineralization Trend

- ✓ Along central cluster of graphitic conductors (Patterson Corridor)
- ✓ Appearing in transition zones between gravity highs and lows



Priority Targets

- Sabre Target Area
Current Year Drill Program
- W Conductor – Far North
- U Conductor
- SE Conductor
- Carter Conductor



Hook Lake & The Patterson Corridor

2021 Winter Program Completed

Hole HK21-A

- 400m step out from hole HK19-105
- HK19-105; radioactivity and extensive alteration

Hole HK21-B

- 800m step out from hole HK19-115

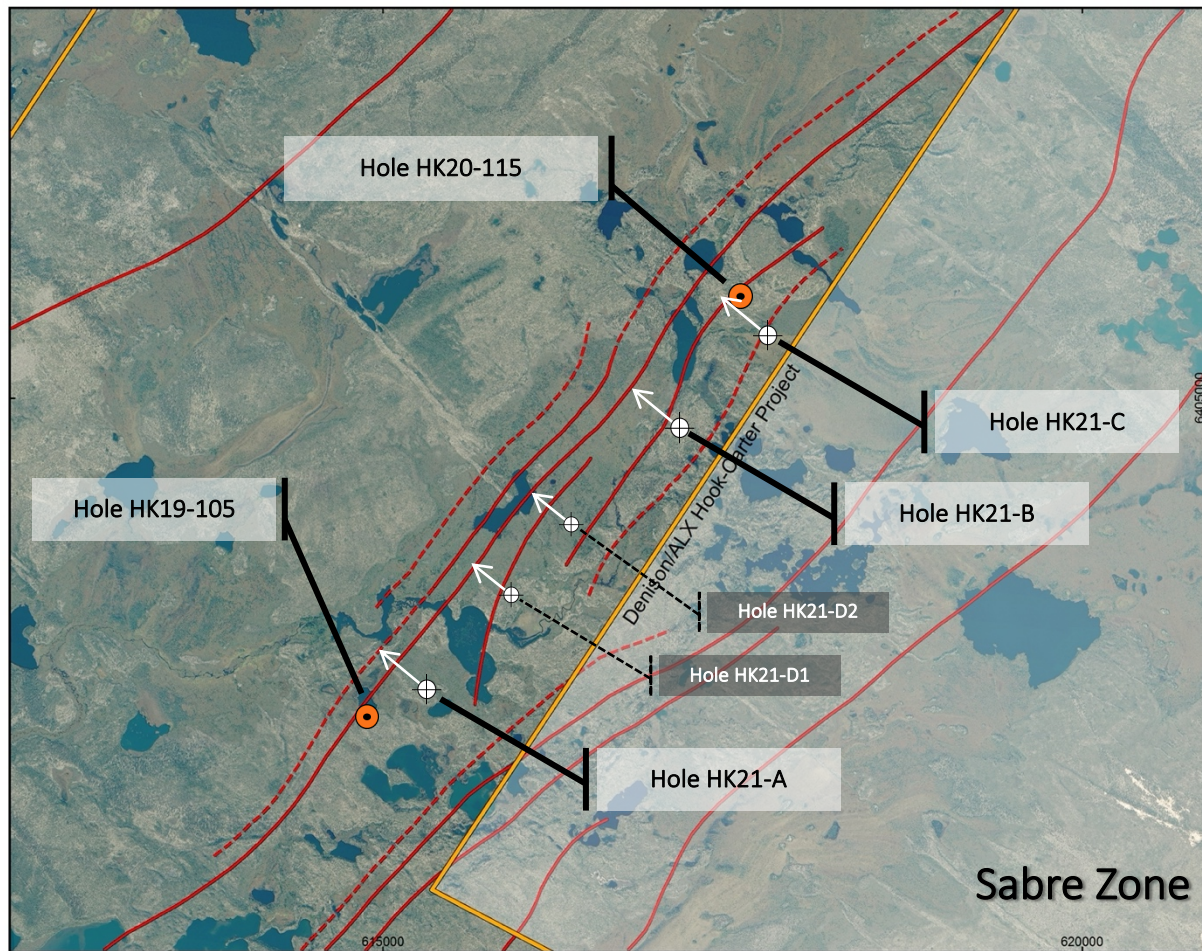
Hole HK21-C

- Follow up of hole HK19-115
- HK20-115; radioactivity, encouraging extensive alteration and anomalous dravite
- Targeting second conductor

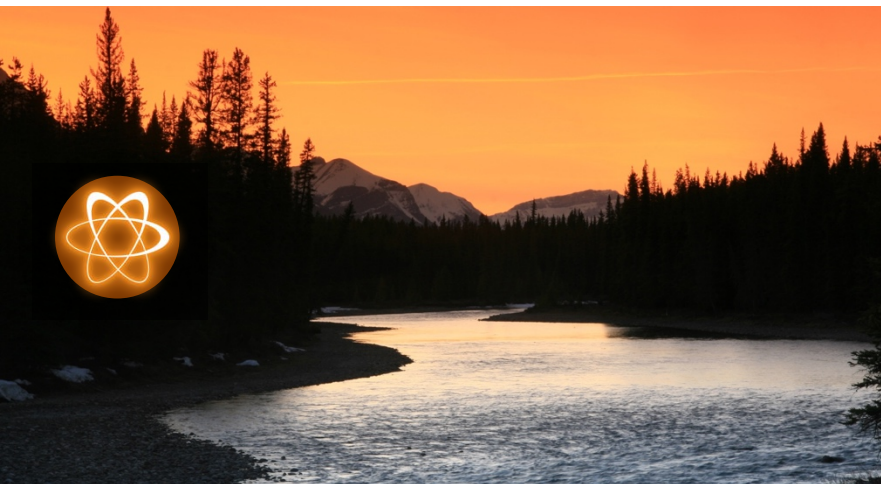
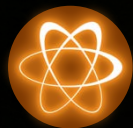
Holes HK21-D1/D2

- 800m step outs not completed due to weather (early thaw)

Results pending assay and JV review



Deep Portfolio of Advanced and Highly Prospective Projects



Since 2002, Purepoint has acquired and explored over 500,000 hectares of property across the Athabasca Basin, quickly and efficiently releasing those demonstrating the fewest prospects.

What remains is a collection of well understood projects with dozens of clearly defined, uranium bearing targets that have been safely maintained in order to maximize their value during the pending uranium price revival

Joint Ventures



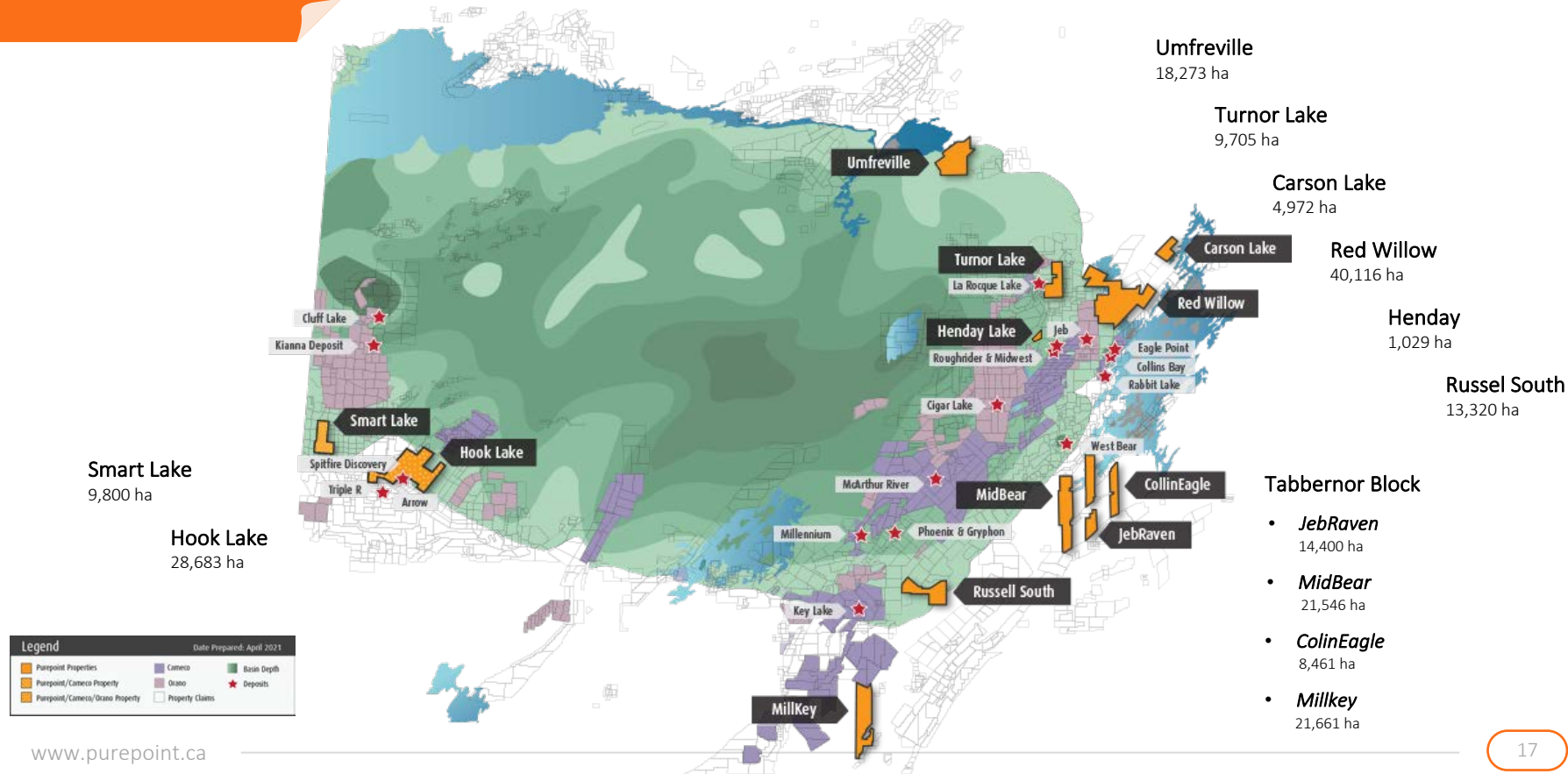
- Hook Lake Project
- Smart Lake Project

100% Owned

- 153,483 hectares in 10 projects in the eastern Athabasca Basin
- Turnor Lake, Red Willow, Umfreville and Henday drill ready
- Drill permits in place

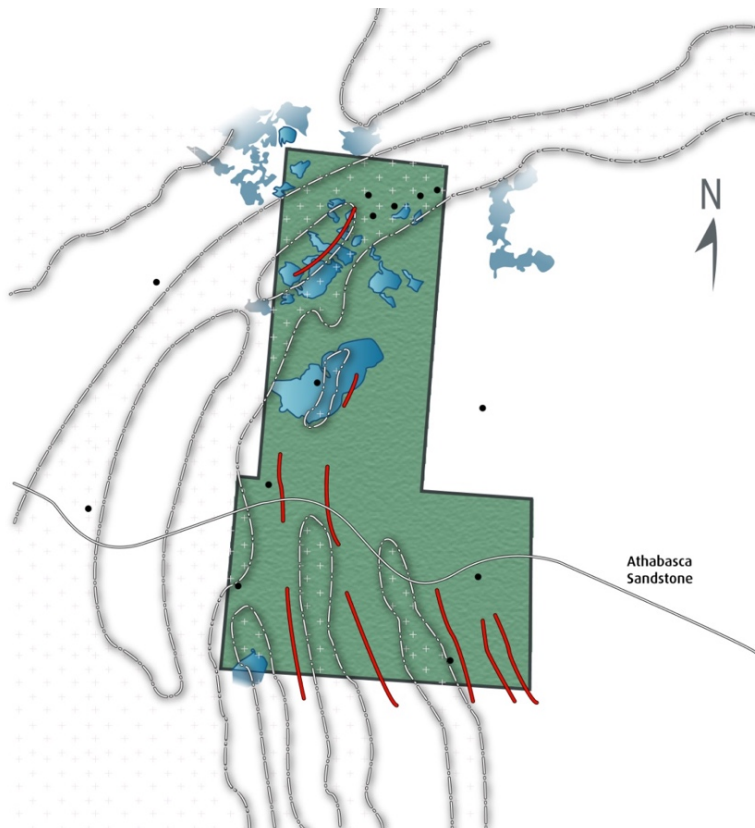
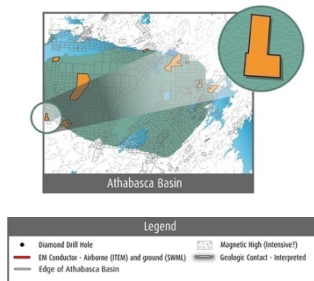
Portfolio of Projects in the Athabasca Basin

182,261 hectares covering all stages of the exploration cycle



Smart Lake

In Partnership with Cameco

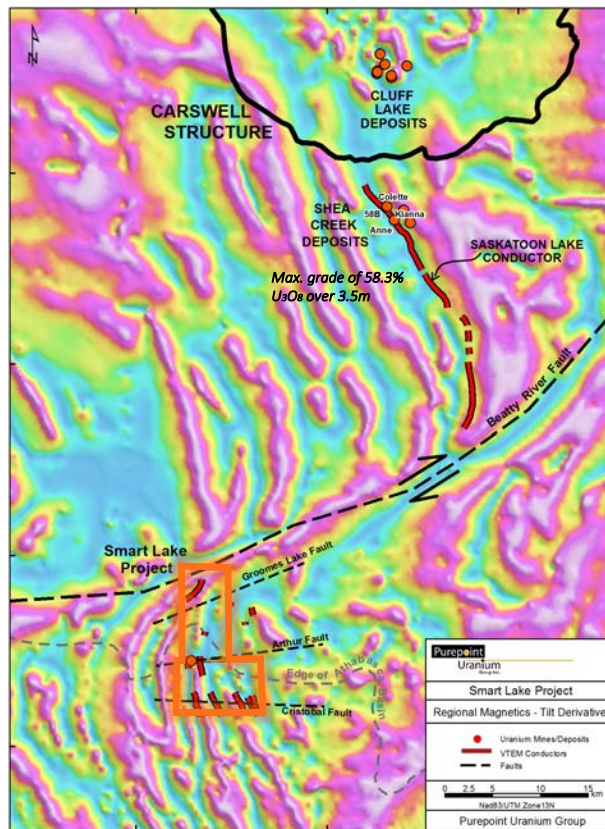
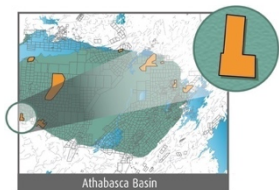


Description:

- 9,860 hectares situated in the southwestern portion of the Athabasca Basin
- **Joint Venture:**
 - Purepoint – 27%
 - Cameco – 73%
- **Operator:** Purepoint
- **Assessment held until:** July 2024

Smart Lake

In Partnership with Cameco

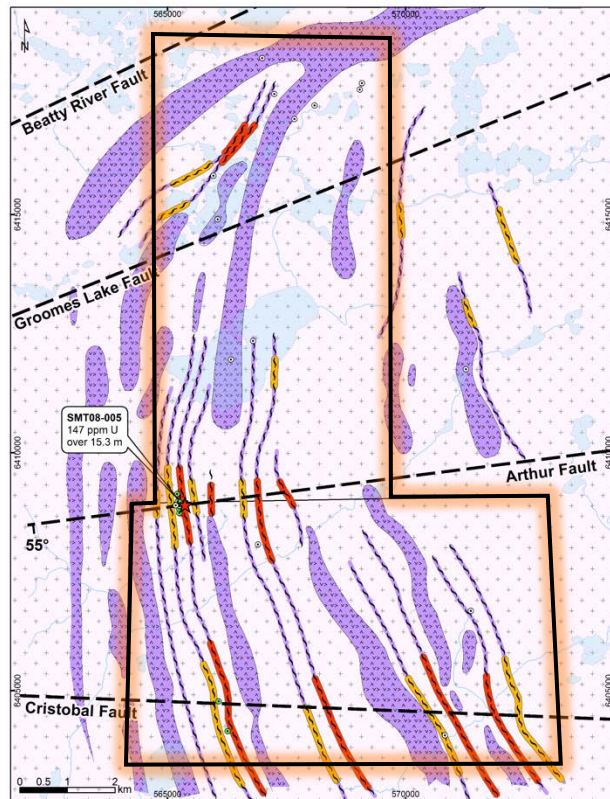
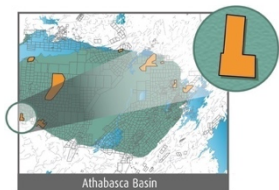


Description:

- Staked originally by Cameco due to its direct geological connection to the Shea Creek Deposits to the north
- Smart Lake conductors seen as an extension of the Saskatoon Lake conductor shifted by the Beatty River Fault

Smart Lake

In Partnership with Cameco



Description:

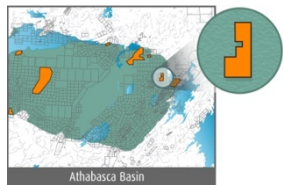
- Only one first pass drill program to date (*by Purepoint*)
- Mineralization identified in first hole
- SMT08-005: 147ppmU over 15.3m



Turnor Lake
100% owned

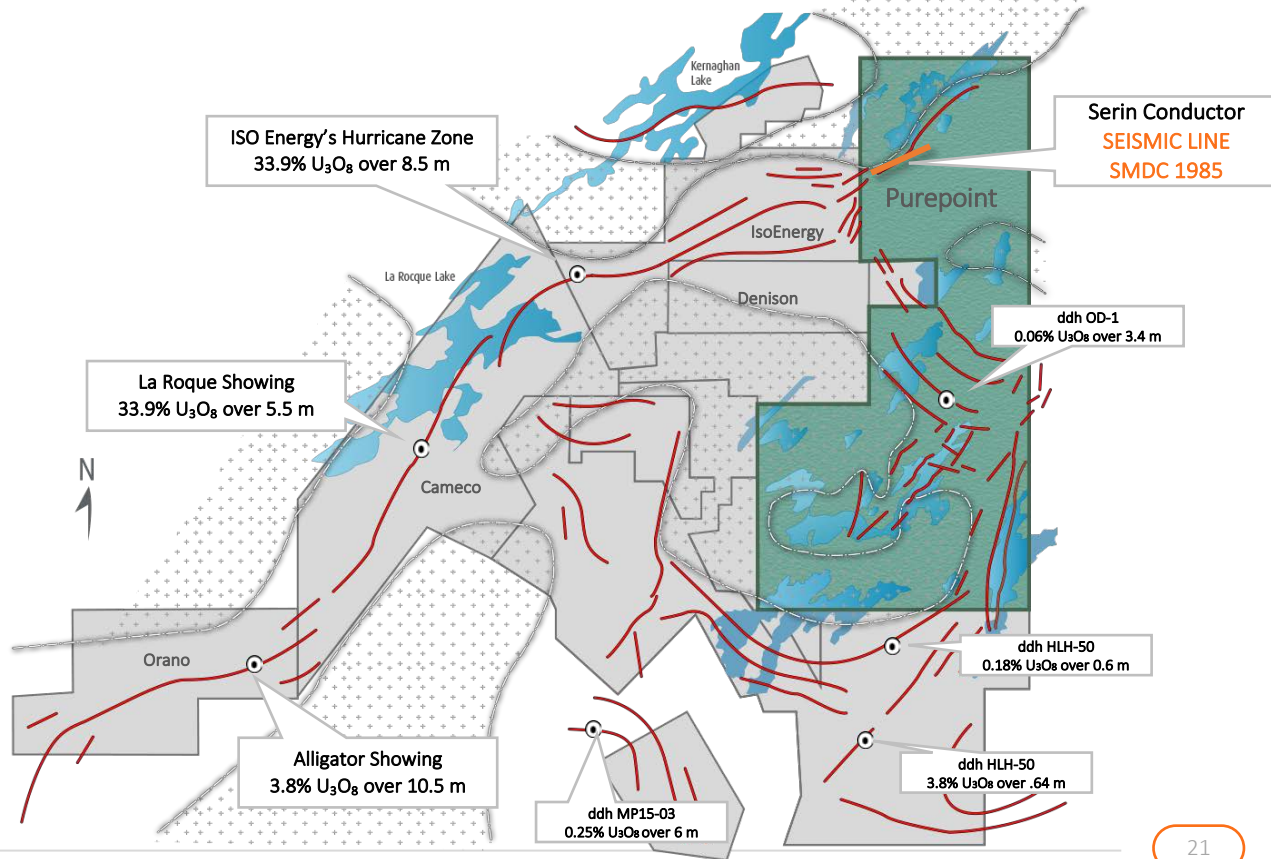
Turnor Lake

Drilling to date has identified a large region of elevated uranium



Description:

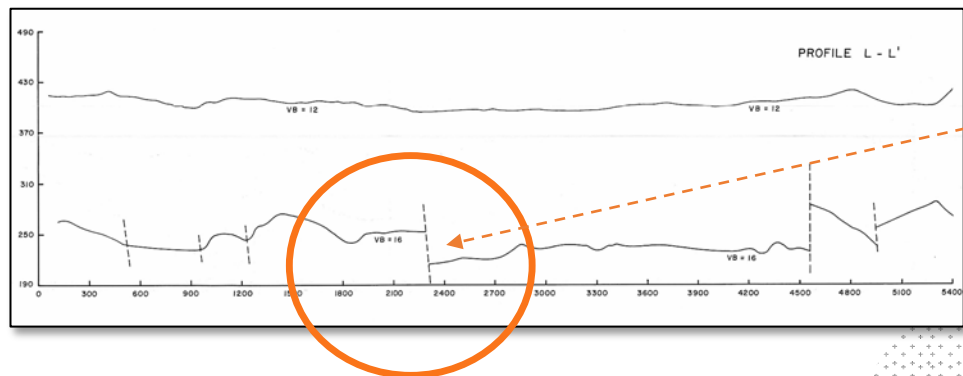
- 9,706 hectares situated in the eastern plane of the Athabasca Basin
- 100% Owned
- Assessment held until: August 2031



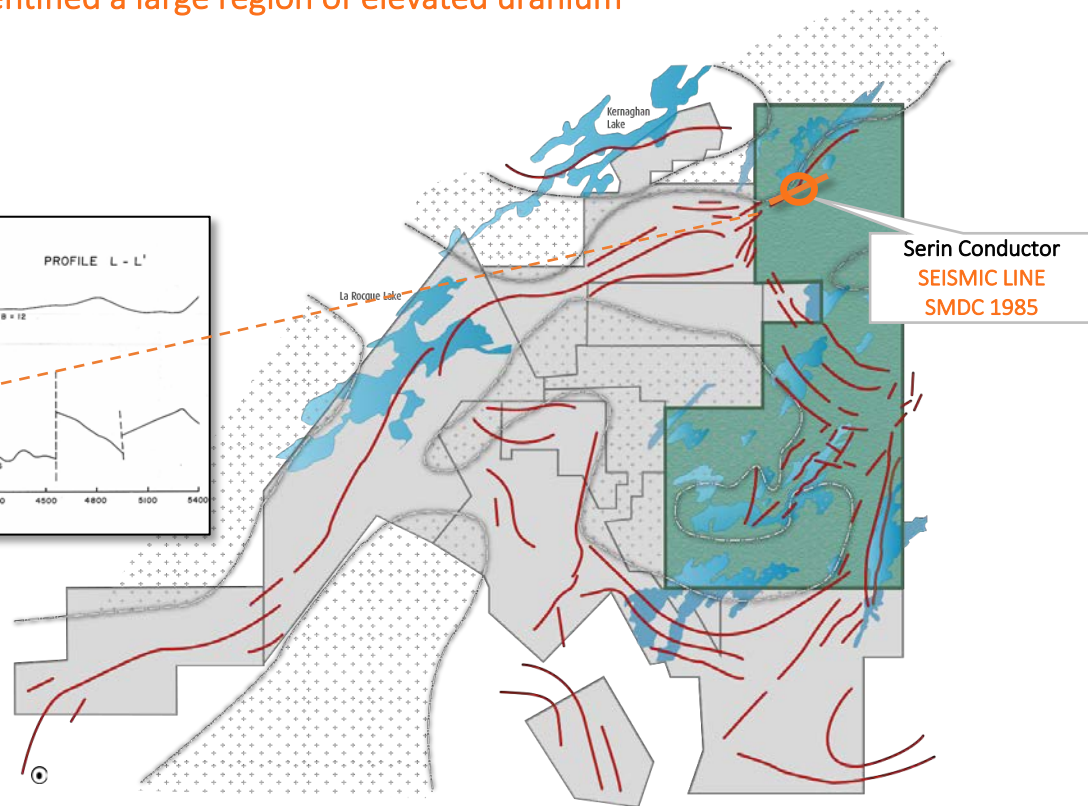
Turnor Lake
100% owned

Turnor Lake

Drilling to date has identified a large region of elevated uranium



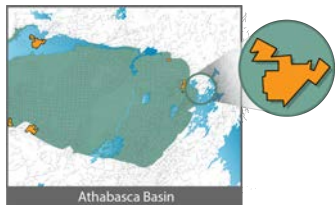
Seismic survey identified a 50m thrust fault
At the Serin Conductor
(setting similar to MacArthur River Deposit)



Red Willow
100% owned

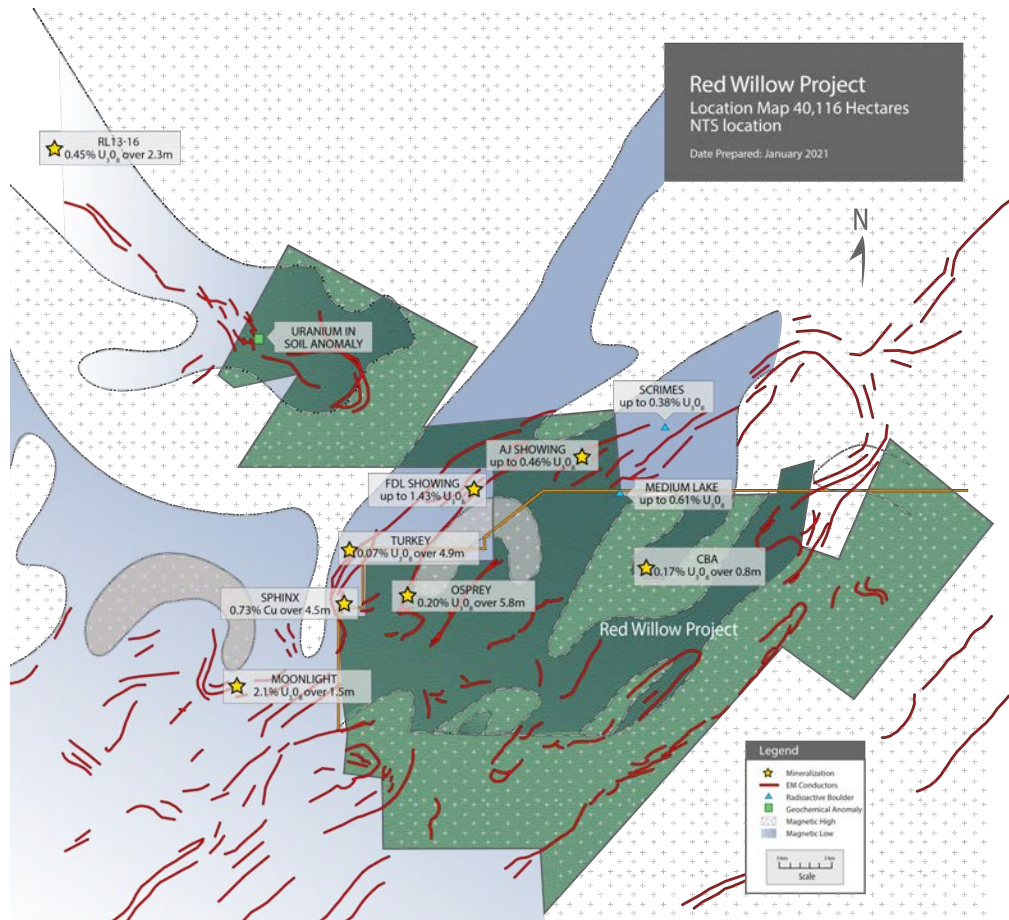
Red Willow

A host of ready targets



Description:

- 22 mineral claims having a total area of 40,116 hectares
- 100% Owned
- Assessment held until: March 2025



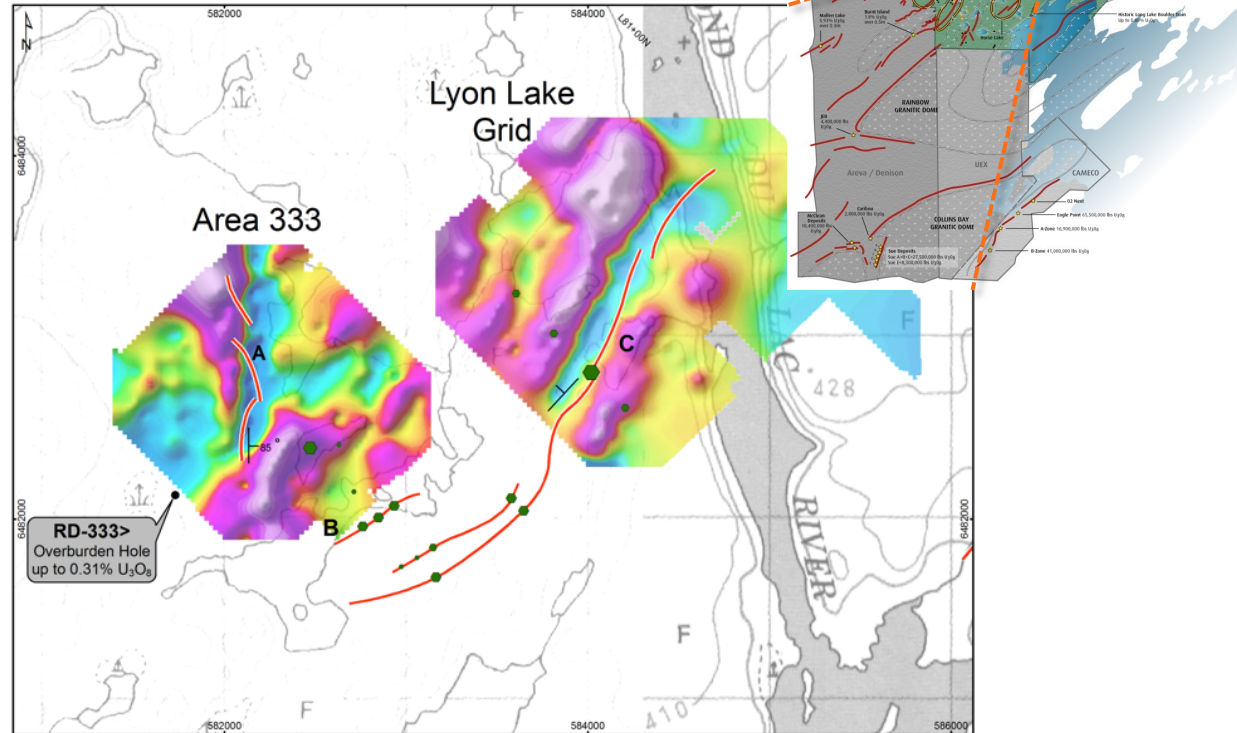
Red Willow
100% owned

Red Willow

A host of ready targets

Description:

- Area 333 represents the best hole of a 350-hole overburden drill program carried out by Gulf Oil down the eastern edge of the Basin in 1975
- Hole RD-333 returned .31% U_3O_8 *in the overburden* and despite plans, was never followed up on
- Purepoint's subsequent geophysical survey identified the setting of the underlying target



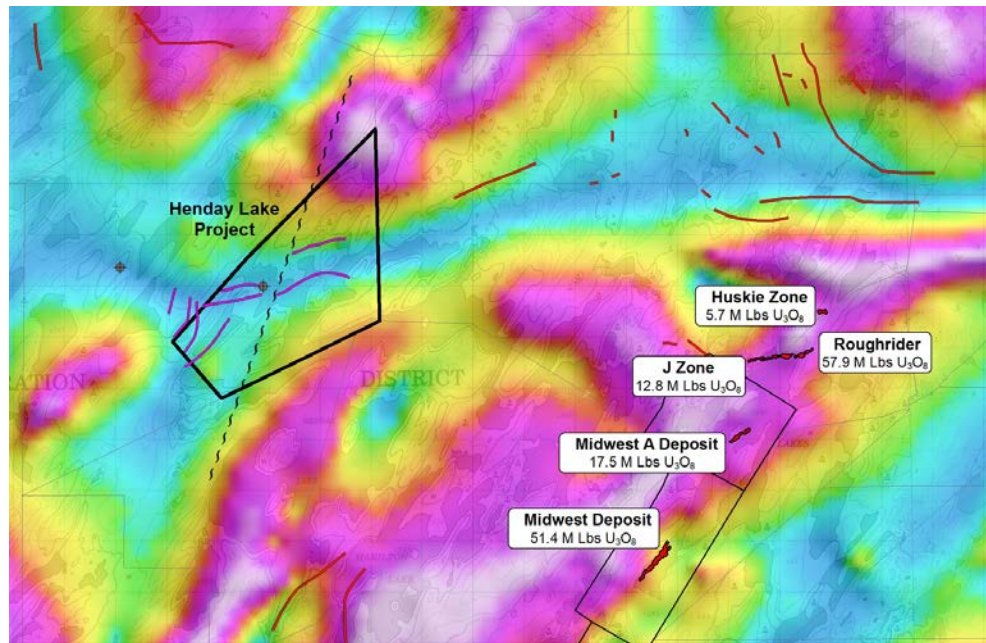
Henday Lake
100% owned

Henday Lake

Untested Target Among Numerous Discoveries

Description:

- During 2010, Purepoint conducted an airborne magnetic and electromagnetic survey and completed an initial interpretation.
- Electromagnetic conductors are on trend with an interpreted East-West alteration corridor which hosts neighbouring Denison's J-Zone/Huskie Zone as well as Rio Tinto's Roughrider Deposit.
- Henday interpreted to host 7.5 km of EM conductors whereas historic conductors only totaled 2.9 km
- Depth to basement known to be locally less than 350 metres.



Deliberately Positioned for Uranium Revival



- A deep history of operating in the Athabasca Basin
- An unparalleled pipeline of uranium projects
- A fully funded and aggressive exploration schedule underway

Purepoint can demonstrate superior potential for new discoveries
as we enter a new phase of the uranium price cycle

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