



A COMPELLING EXPLORATION ADVANTAGE

Fully funded drill programs currently underway



TSXV: PTU / OTCQB: PTUUF

Q4 - 2022



Forward Looking Statements



Disclaimer

The general information set out in this presentation regarding the uranium market, including but not limited to, the demand and supply of uranium, historical events that affected uranium pricing, the global state of the uranium market and other related information, is provided solely for readers' general knowledge and is provided "as is". Purepoint does not warrant or make any representations concerning the accuracy, likely results or reliability of the use of such information. The information provided herein is not intended to be a comprehensive review of all matters and developments concerning the uranium market, and Purepoint assumes no responsibility as to its completeness or accuracy. Furthermore, the information set forth herein in no way shall be construed or interpreted as, or as part of, an offering or solicitation of securities. No securities commission or other regulatory authority in Canada or any other country or jurisdiction has in any way passed upon this information and no representation or warranty is made by Purepoint to that effect.

Caution about Forward-Looking Information

This presentation contains certain forward-looking information and statements regarding the current internal projections, expectations and beliefs of Purepoint as of November 2018 about the future uranium pricing and its potential effect on the uranium equity market based on our uranium price sensitivity analysis and investment thesis. These statements are based on a number of material assumptions including but not limited to, the continuing decline of future global uranium supply, the continuing steadiness of future global uranium demand, the pricing inelasticity with respect to the uranium spot price in relation to the demand and consumption of uranium, future trend of uranium spot price and future patterns of long term contract negotiations. These material assumptions may prove to be incorrect, and the actual results and events may be significantly different from what we currently expect. The forward-looking information set forth herein is designed to help you understand the management's current views of our near and longer-term prospective with respect to the uranium market in general, and it may not be appropriate for other purposes. We will not necessarily update this information unless we are required to by applicable securities law.

Limitation of Liability

Purepoint is not liable for any direct, indirect, special, incidental or consequential damages arising out of the use of – or the inability to sue – the information set forth in this presentation, whether based on breach of contract, breach of warranty, tort (including negligence) or otherwise. This includes but is not limited to the loss of profit, litigation or due to business interruption, even if Purepoint or any of its authorized representatives was advised of the possibility of such damages. The negation of damages set forth above are fundamental elements of the basis of the agreement between Purepoint and the readers of this presentation. This presentation would not be provided without such limitations.

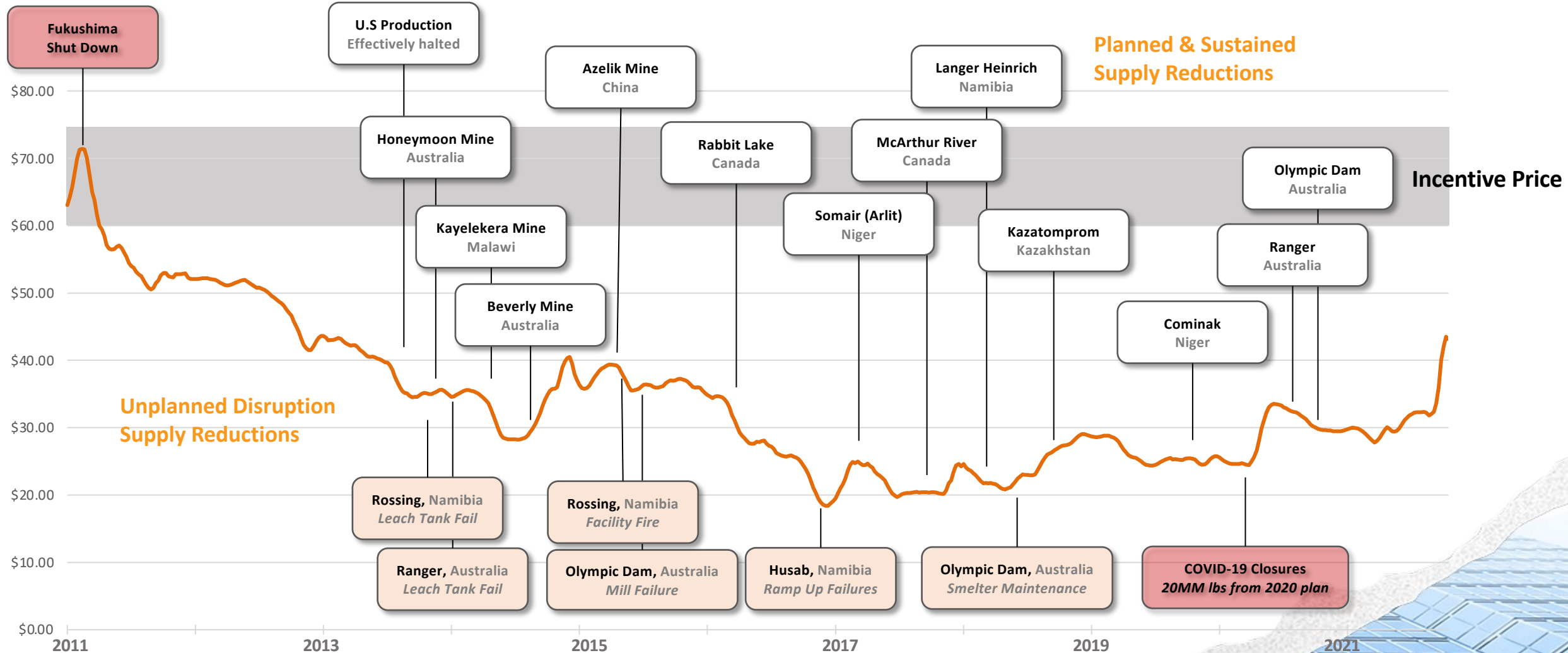
Qualified Person

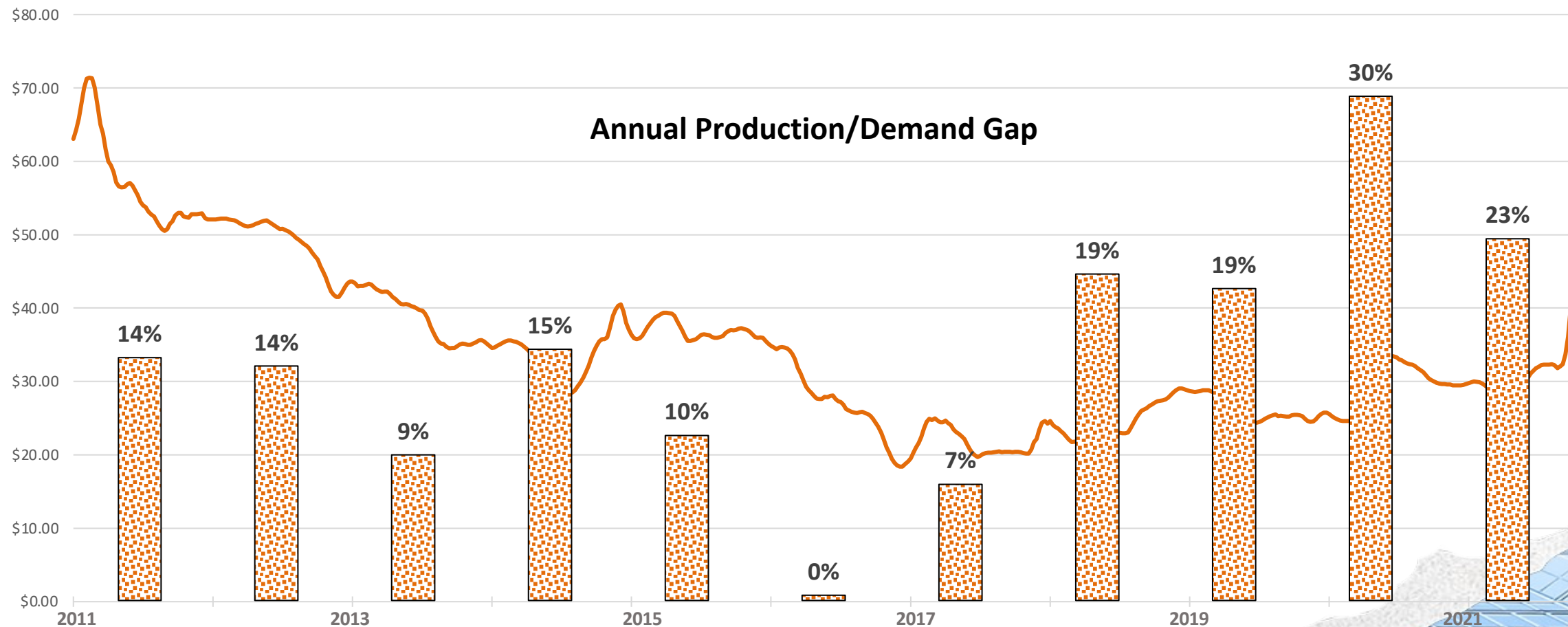
Scott Frostad BSc, MASc, PGeo, Purepoint's Vice President, Exploration, is the Qualified Person responsible for technical content of this presentation.

Despite powering approximately 10% of the world's electrical needs, uranium is a relatively small market

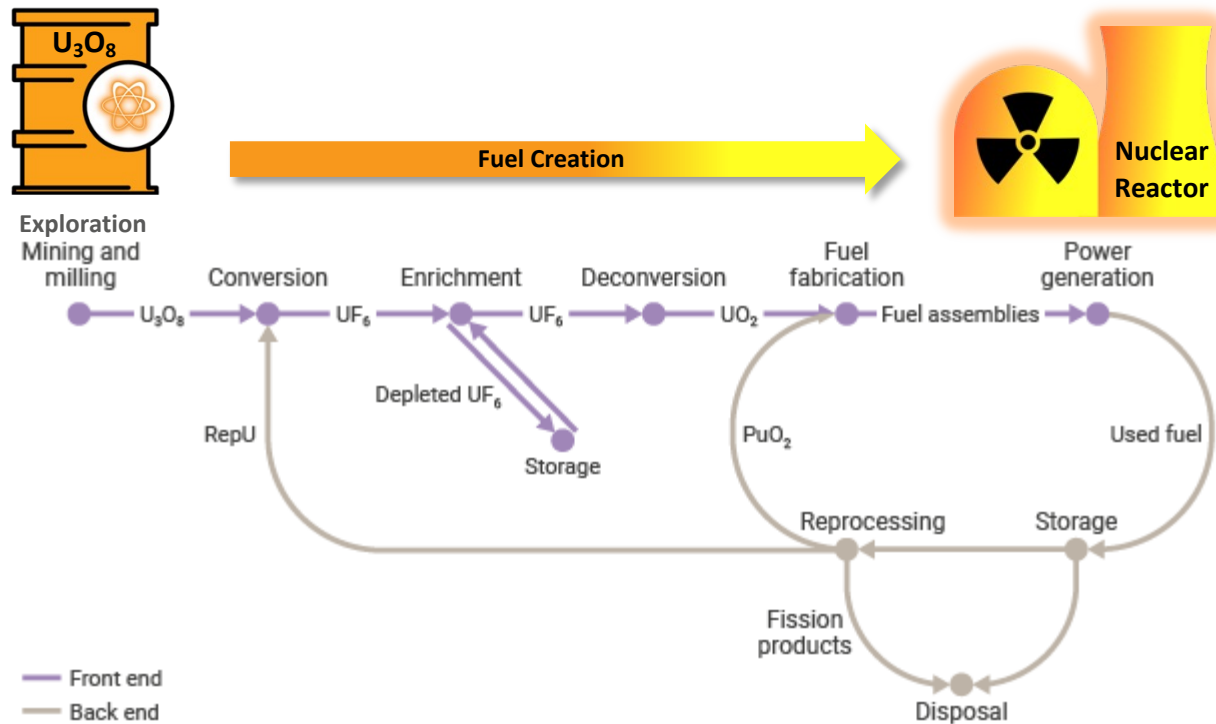
Historically, larger institutions and funds have not been serious players in the market due to the limited investment size

	Global Production		Uranium \$ Value as a Percentage
	Metric tonnes	Approximate \$ Value	
Uranium (demand)	62,000	\$7 billion	-
Coal	8,000,000,000	\$600 billion	1.2%
Gold	4,000	\$250 billion	2.8%
Copper	20,000,000	\$170 billion	4.1%
Nickel	2,500,000	\$50 billion	14.0%
Zinc	14,000,000	\$45 billion	15.6%
Lead	12,000,000	\$30 billion	23.3%





Russia's Potential Disruption of the Uranium Fuel Cycle



Russia currently provides the world with:

- 14% of its uranium (U_3O_8)
- 27% of its conversion; and
- 39% of its enrichment

Many countries are currently scrambling to establish alternate conversion and enrichment capabilities in anticipation of Russian disruption in supply

Exploration discovery delivers the most dramatic inflection point in resource value

The uranium industry continues to deliver strong, long-term fundamentals

The availability of capital in the uranium sector is fueling aggressive project advancement



Carefully Assembled Athabasca Basin Portfolio

Actively advancing a deep pipeline of strategically situated, drill ready projects in the world's richest uranium district



World Class Partners

The only exploration company actively partnered with, funded by, and operating for world class producers Cameco & Orano



Experience & Patience

Proven team shouldered the downturn while maintaining and advancing some of the Basin's most valuable prospects

12 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 current uranium price revival

Joint Ventures



- Hook Lake Project
- Smart Lake Project

100% Owned

10 projects

153,483 hectares

Eastern Athabasca Basin Mine Belt

12 highly prospective projects



A host of ready targets



Description

- 22 mineral claims for a total of 40,116 hectares
- 100% owned
- 2022 winter drill program intersected uranium mineralization along 1.2 km at the Osprey zone



Next Steps

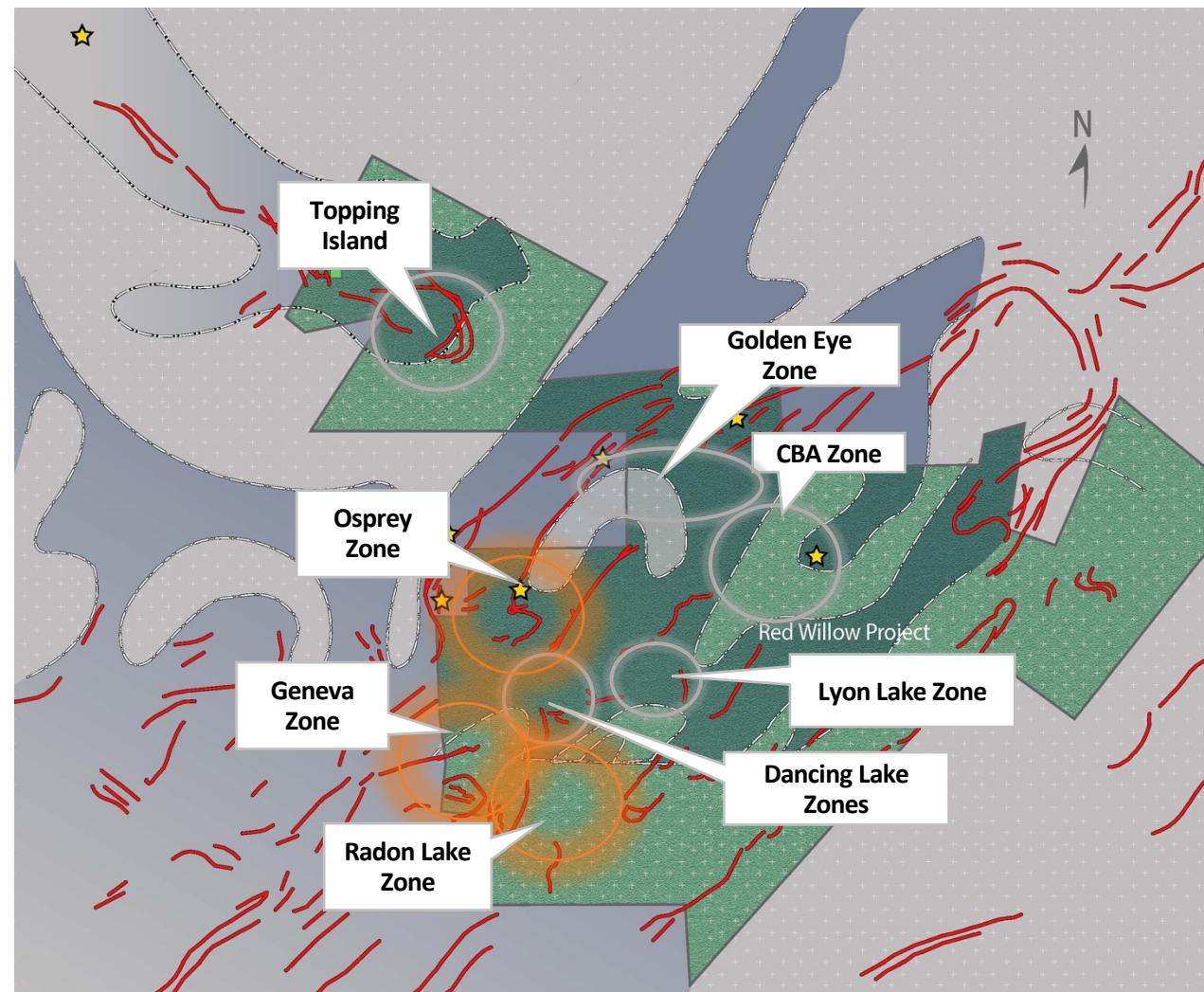
- Fall 2022 drill program underway
- 3,500m of drilling across 10 holes at the Osprey zone

~10km SW of Orano's JEB Mine & ~10km S of Cameco's Eagle Point Mine



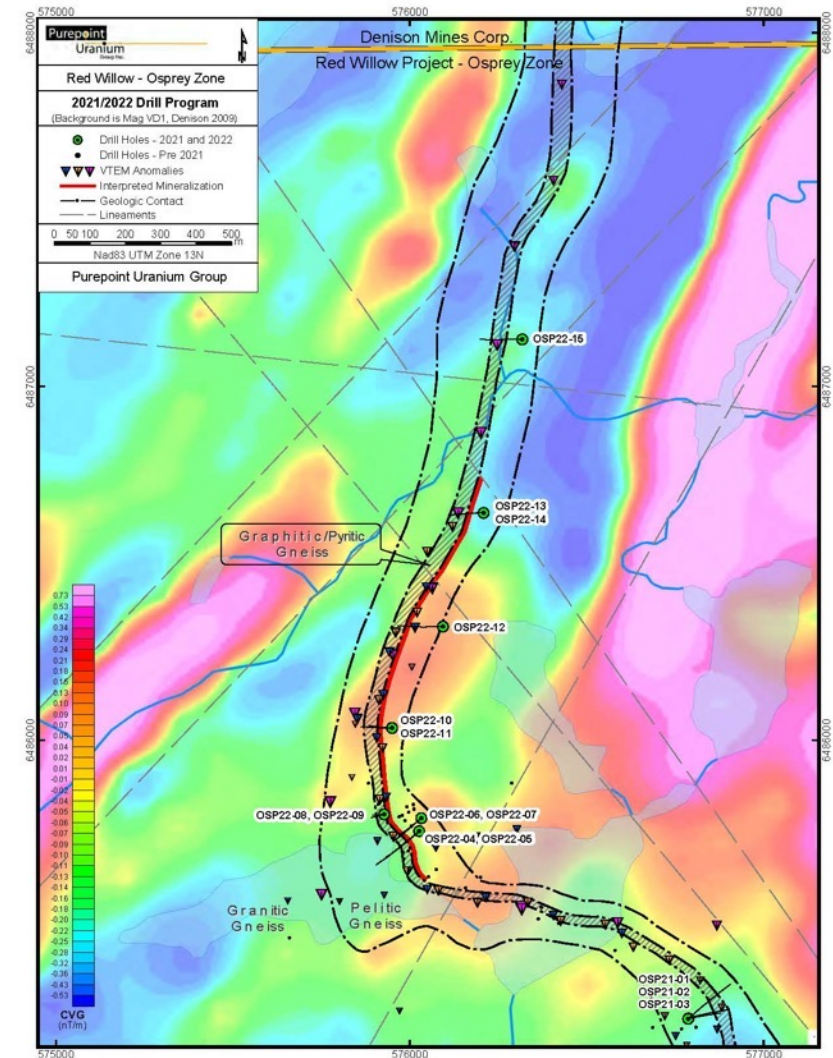
Description:

- 22 mineral claims having a total area of 40,116 hectares
- **100% Owned**
- **2022 Drill Program:**
 - *Priority targets*
 - Osprey Zone
 - Geneva/Radon Lake



- 12 holes were completed this winter totaling 2,088 metres at the Osprey Zone
- Nine of the twelve holes encountered anomalous radioactivity at a shallow depth from surface across a distance of 1.2 kilometres
- The electromagnetic conductor that represents the graphitic unit hosting mineralization continues for an additional 1.2 kilometres north of the completed drilling and nearly one kilometre to the south
- Purepoint will recommence drilling in September 2022 to continue the expansion of this prospective conductor

Hole Number	From (m)	To (m)	Width (m)	Avg CPS	Peak CPS
OSP22-04	44.6	45.6	1.0	530	8,830
	47.2	49.0	1.8	570	
	71.0	72.1	1.1	3,210	
	75.9	76.4	0.5	870	
	148.7	149.2	0.5	730	
OSP22-05				N/A	N/A
OSP22-06	75.2	75.7	0.5	1,210	33,070
	77.7	79.3	1.6	590	
	86.5	90.5	4.0	5,800	
OSP22-07	124.2	125.5	1.3	740	2,070
	127.1	127.6	0.5	1,040	
OSP22-08	142.8	143.3	0.5	630	950
OSP22-09				<500	290
OSP22-10	72.6	74.1	1.5	560	1,160
	78.4	80.5	2.1	840	
	104.6	105.1	0.5	630	
OSP22-11				<500	675
OSP22-12	144.6	145.0	0.5	669	6,367
	147.0	147.8	0.7	2,944	
	148.8	150.0	0.8	2,733	
OSP22-13	77.0	77.5	0.5	5,839	8,002
OSP22-14	72.0	72.5	0.5	687	1,140
OSP22-15				<500	303



Expanding the discovery

Priority follow up on last hole OSP22-15 which encountered numerous structures with hematite alteration and silicification

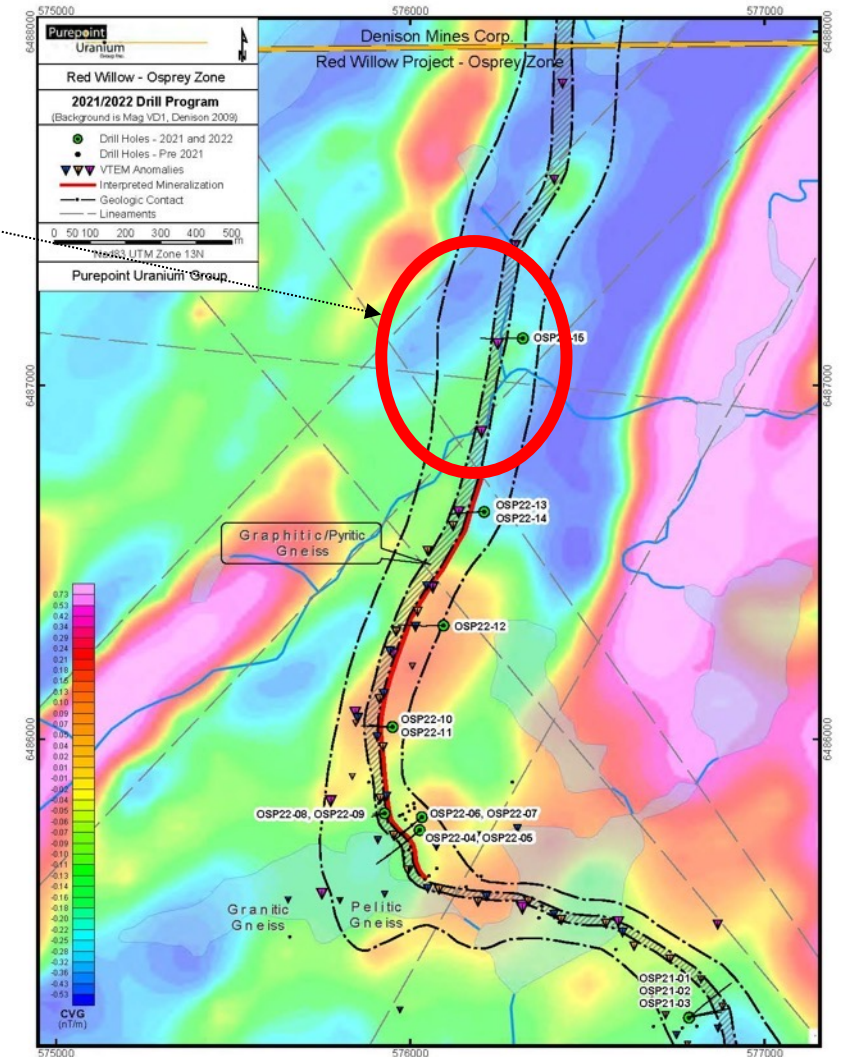
Hole Number	From (m)	To (m)	Width (m)	Peak CPS	U (ppm)	U3O8 (wt%)
OSP22-04	70.4	71.2	0.8	8,830	95	0.01
	78.5	79.4	0.9		53	0.01
	152.3	152.7	0.4		77	0.01
OSP22-05	54.2	54.9	0.7	N/A	85	0.01
OSP22-06	75.7	79.6	3.6	33,070	55	0.01
	86.8	93.0	6.2		684	0.08
Including	89.9	90.8	0.9		3,990	0.47
OSP22-07	121.0	121.3	0.3	2,070	73	0.01
	122.5	123.5	1.0		75	0.01
OSP22-08	141.9	142.2	0.3	950	79	0.01
OSP22-09				290	<50	
OSP22-10	72.8	74.3	1.5	1,160	75	0.01
	78.9	81.0	2.1		86	0.01
	105.0	105.3	0.3		76	0.01
OSP22-11	140.9	141.5	0.6	670	92	0.01
OSP22-12	148.6	155.0	6.4	6,367	159	0.02
OSP22-13	80.0	80.5	0.5	8,002	2,260	0.27
OSP22-14				1,140	<50	
OSP22-15				303	<50	

Samples returning > 50 ppm U; Background considered < 10 ppm U

1.5 km
untested
conductor

1.2 km
continuous
radioactive lenses

1.0 km
untested
conductor





Joint Venture Breakdown

- Cameco: 39.5%
- Orano: 39.5%
- Purepoint: 21.0%
- As the operator, Purepoint earns a 10% management fee



Next Steps

- Drill program at the Carter Corridor
- Joint Venture partners to set budget for upcoming winter drill program by Mid-November 2022



Purepoint's **Spitfire** Discovery

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

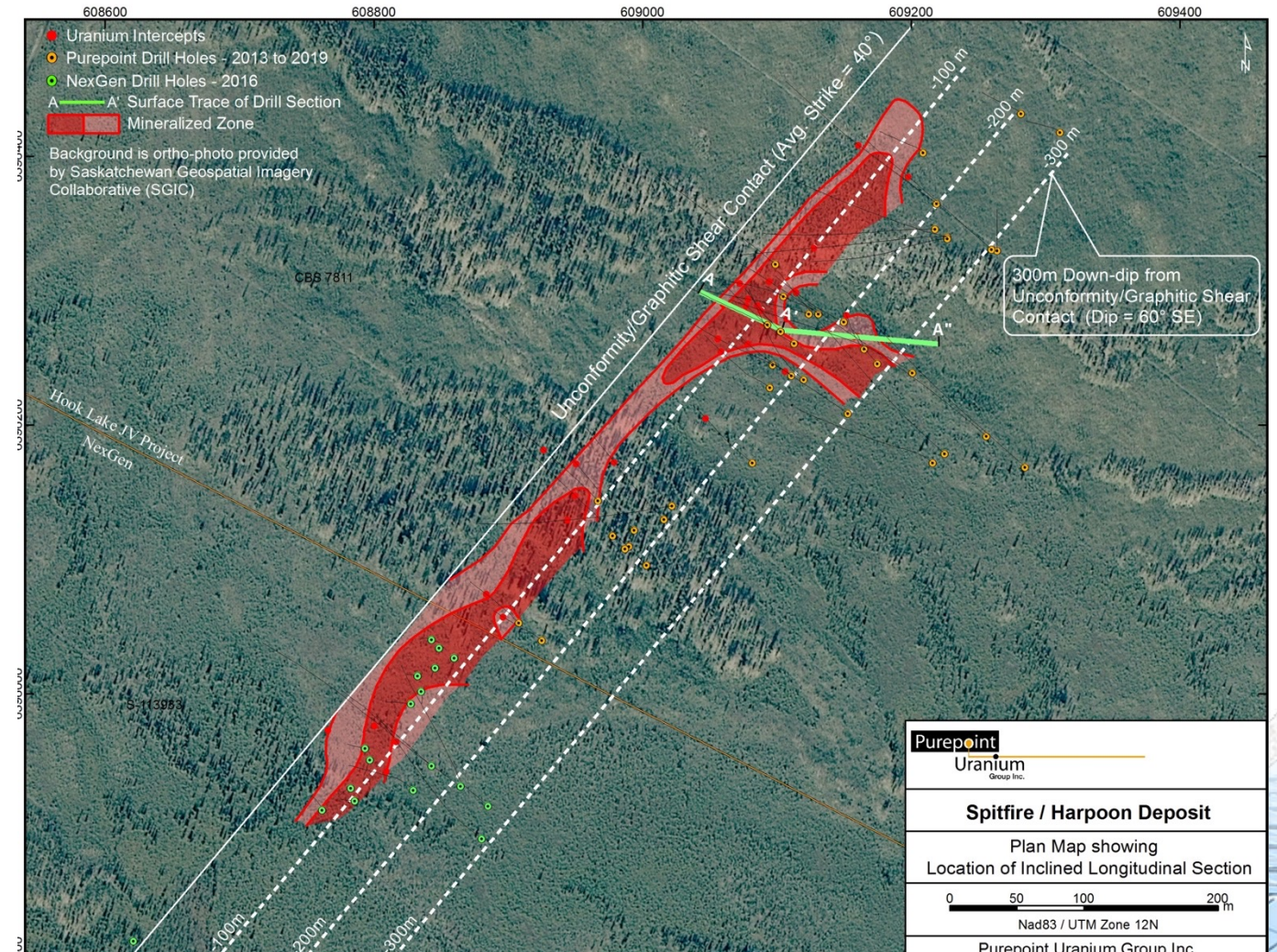
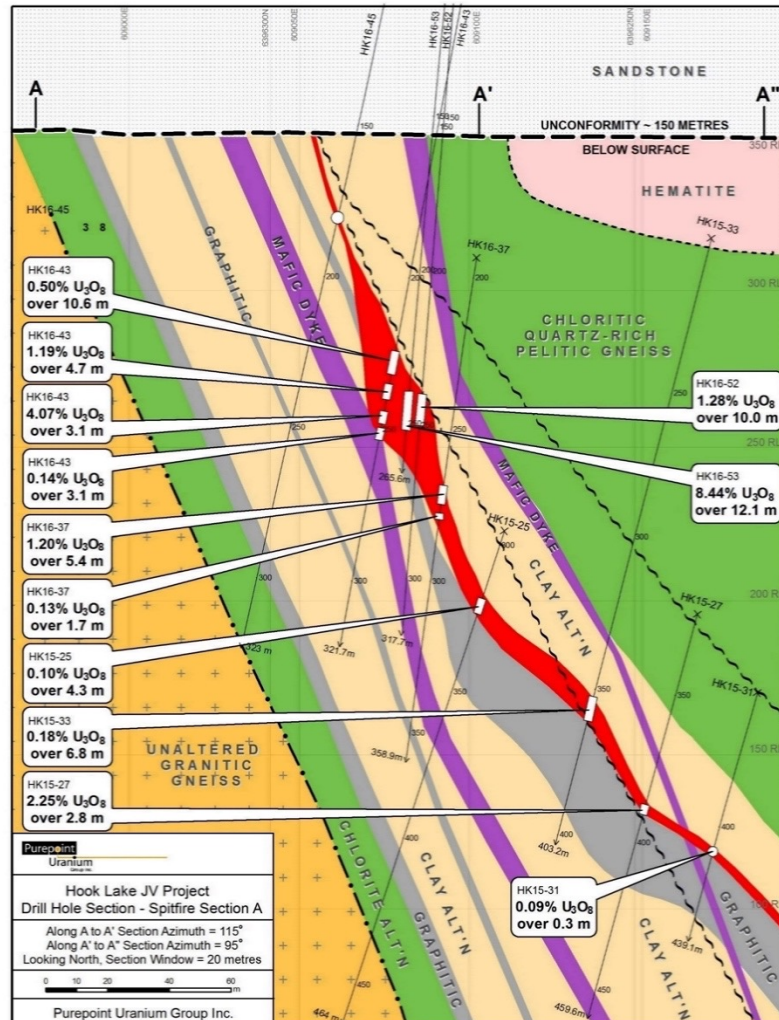
NexGen's **Arrow** Deposit

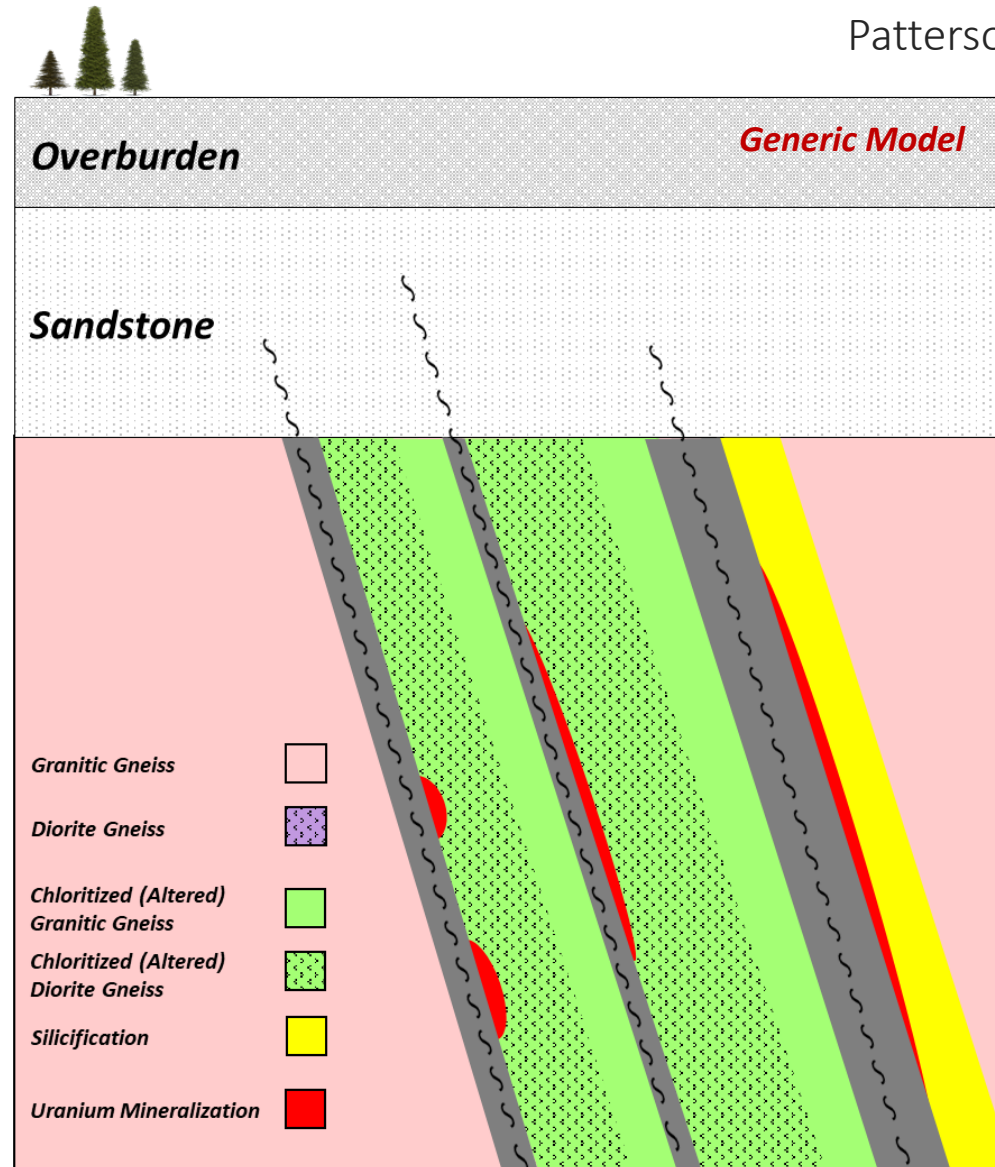
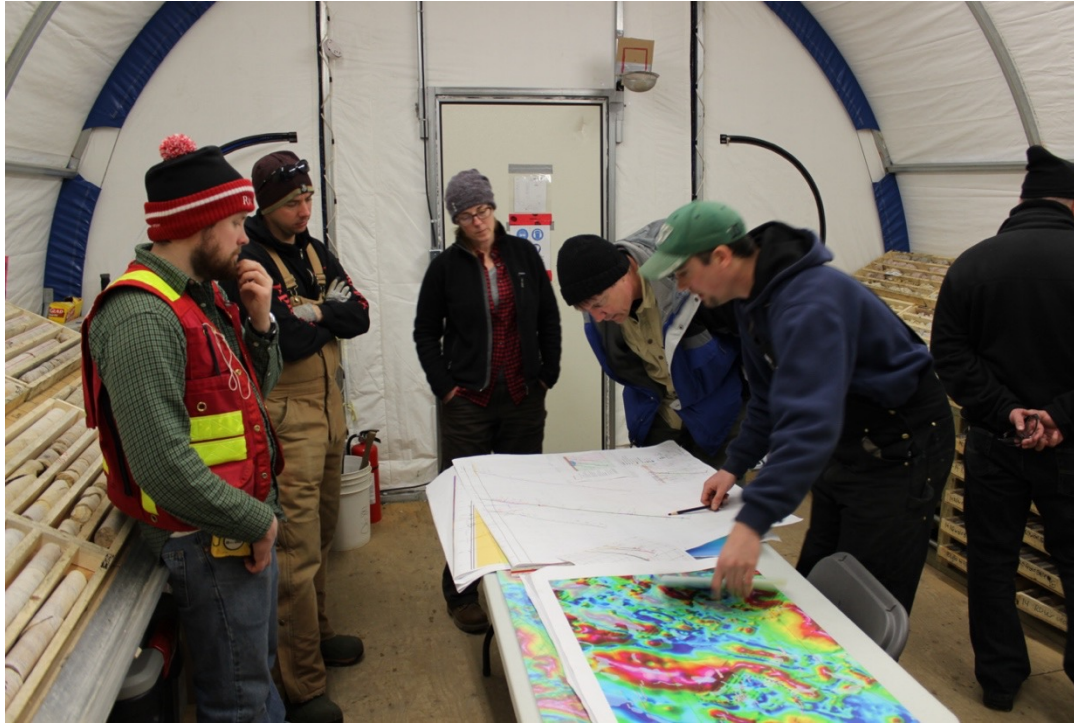
- 2018 PFS
- Indicated Resource
- **256,600,000** lbs U_3O_8
- Avg Grade **4.03%** U_3O_8

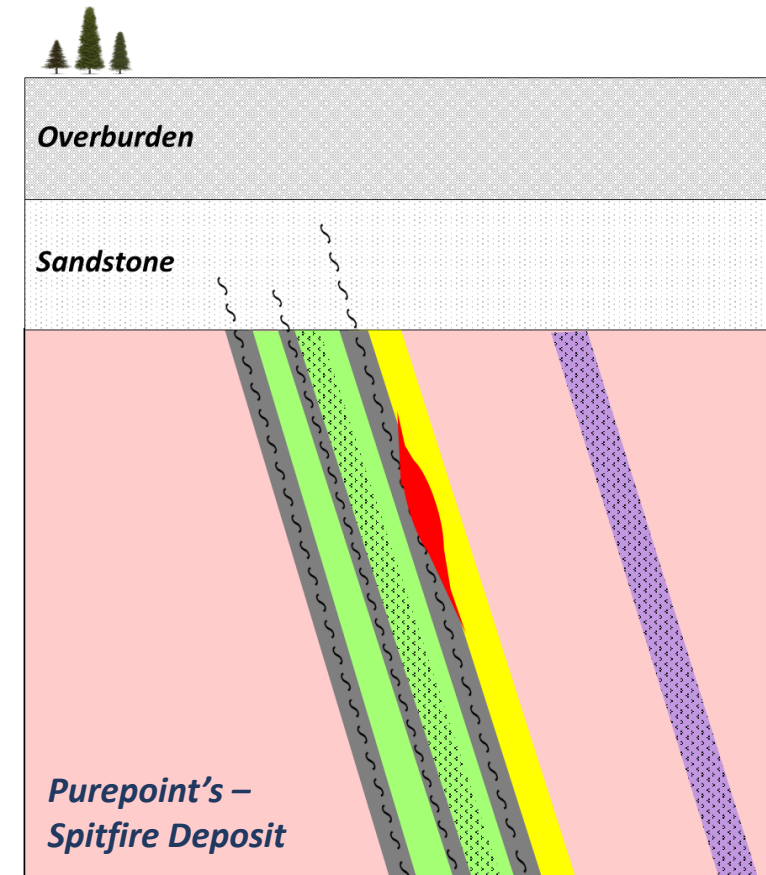
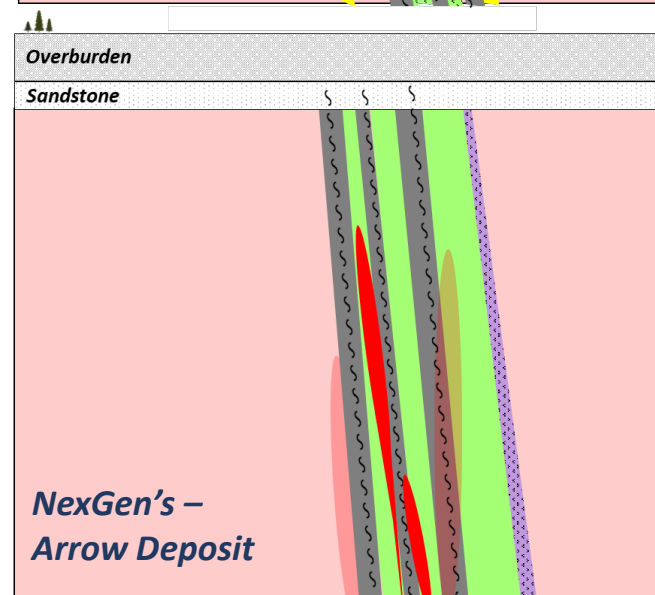
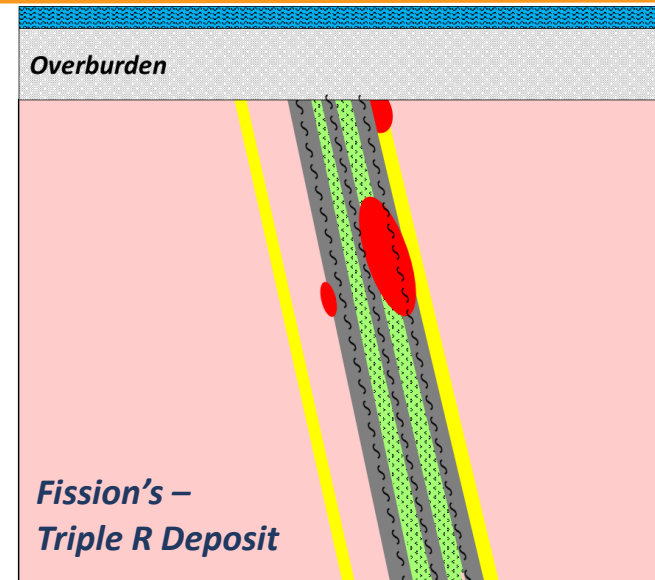
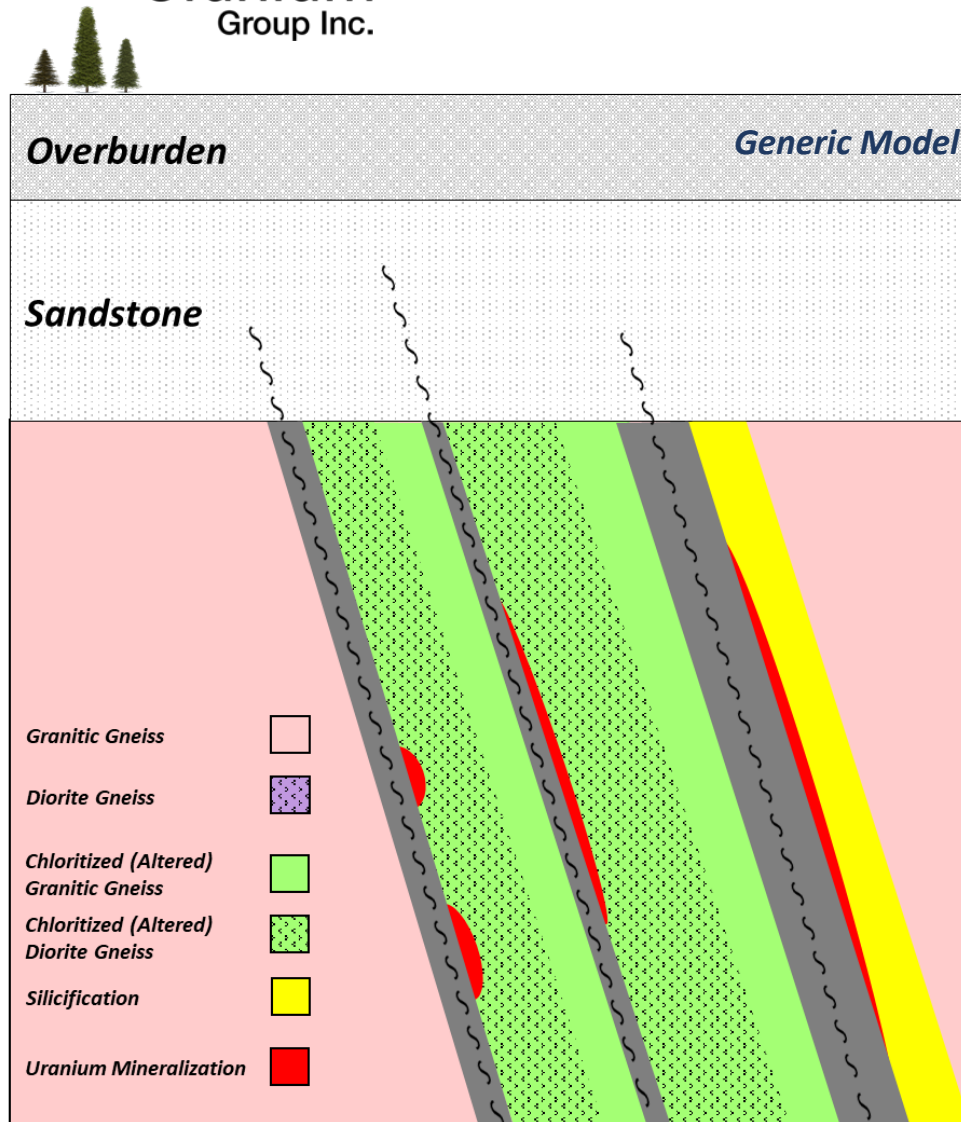
Fission's **Triple R** Deposit

- 2022 Resource Est.
- Indicated Resource
- **114,900,000** lbs U_3O_8
- Avg Grade **1.94%** U_3O_8









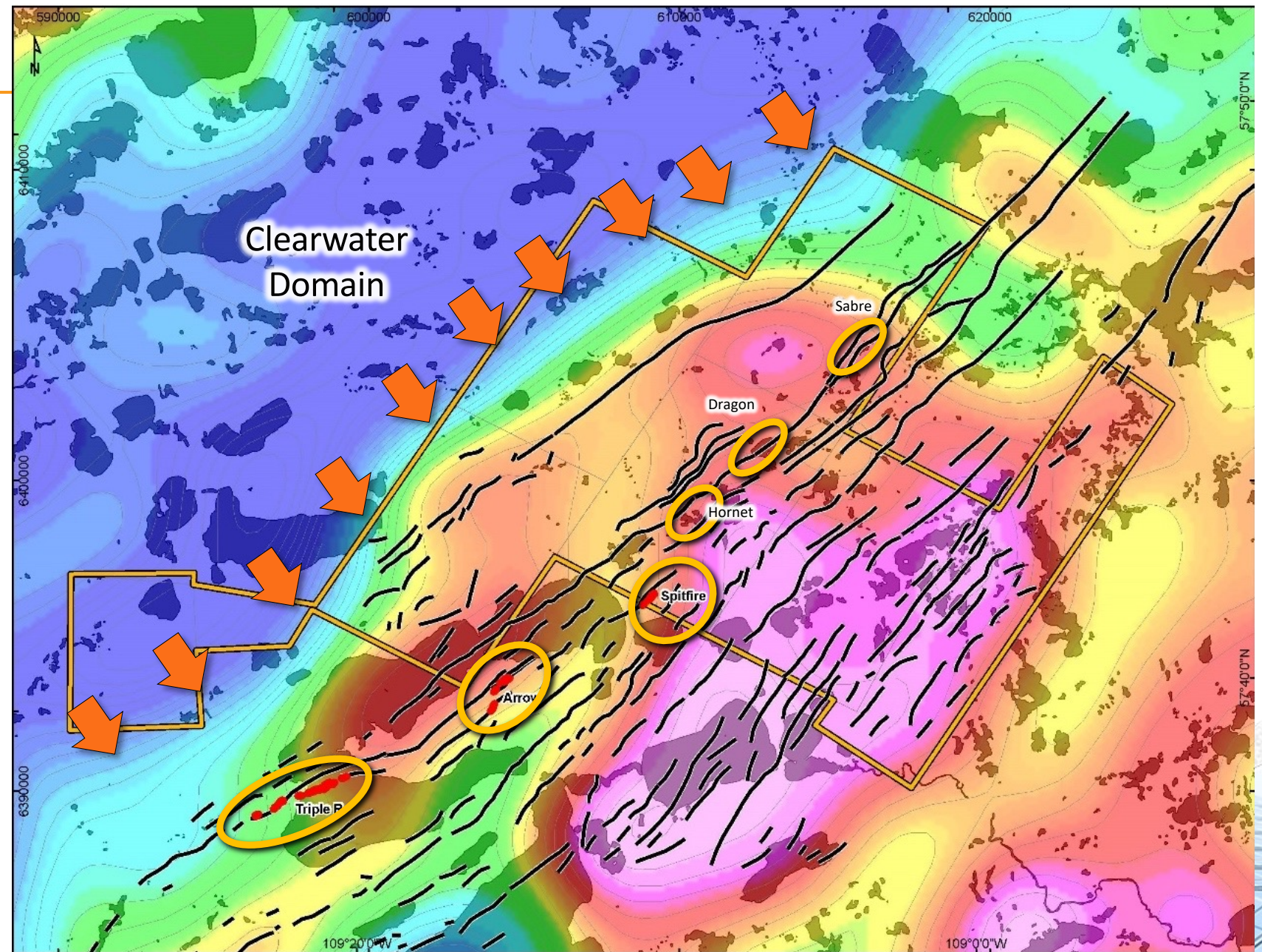
Significant Learnings

- Geological Setting
- Rock Type

Geological Survey of Canada*

- Heat from Clearwater Domain mobilized oxygenated uranium
- Mobilized uranium found long lived, reactivated faults
- Uranium precipitation occurred as oxygen left the fluids

* - Potter, E.G., Tschirhart, V., Powell, J.W., Kelly, C.J., Rabiei, M., Johnstone, D., Craven, J.A., Davis, W.J., Pehrsson, S., Mount, S.M., Chi, G., and Bethune, K.M., 2020. Targeted Geoscience Initiative 5: Integrated multidisciplinary studies of unconformity-related uranium deposits from the Patterson Lake corridor, northern Saskatchewan; Geological Survey of Canada, Bulletin 615



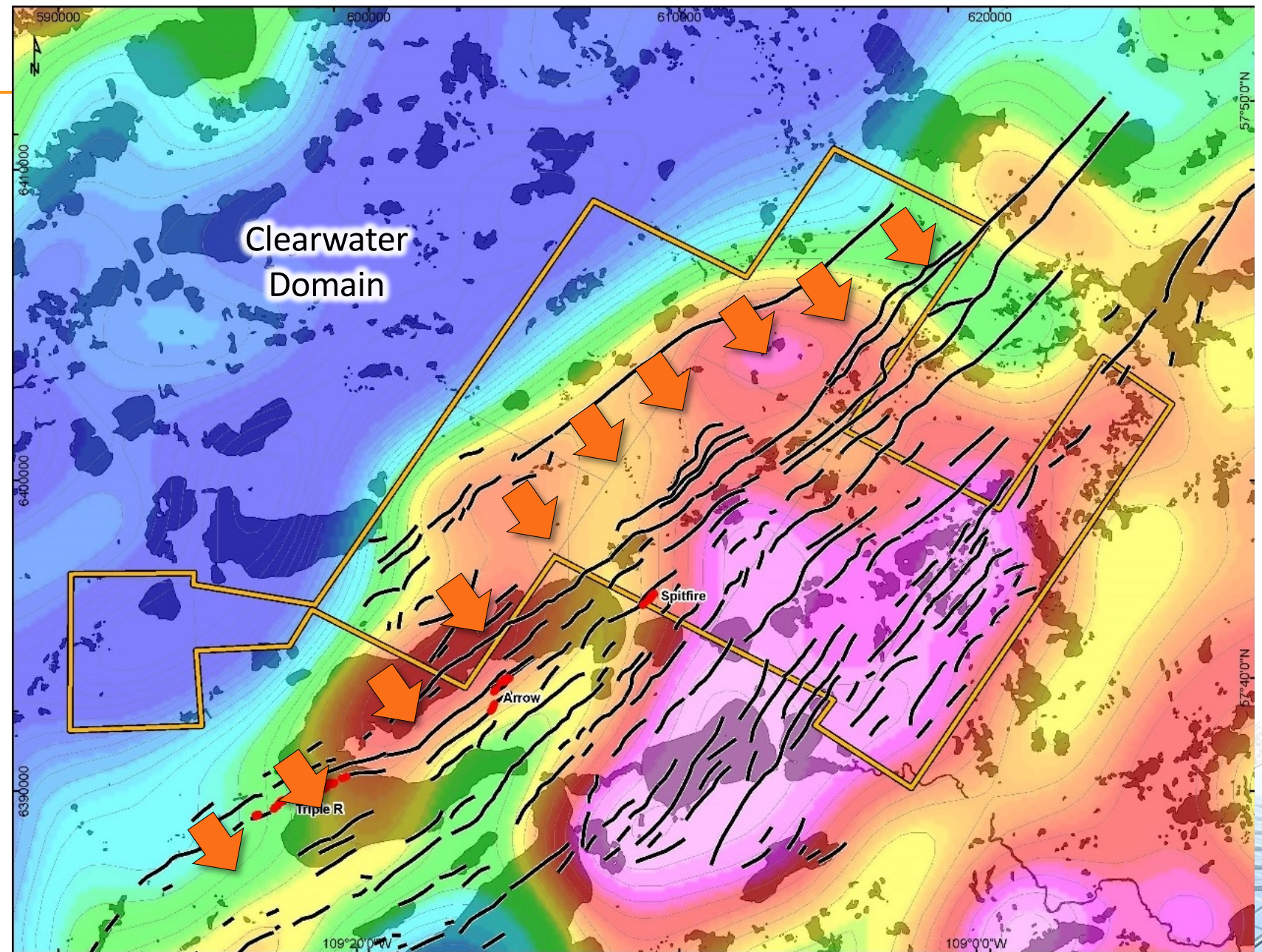
Significant Learnings

- Geological Setting
- Rock Type

Geological Survey of Canada*

- Heat from Clearwater Domain mobilized oxygenated uranium
- Mobilized uranium found long lived, reactivated faults
- Uranium precipitation occurred as oxygen left the fluids

* - Potter, E.G., Tschirhart, V., Powell, J.W., Kelly, C.J., Rabiei, M., Johnstone, D., Craven, J.A., Davis, W.J., Pehrsson, S., Mount, S.M., Chi, G., and Bethune, K.M., 2020. Targeted Geoscience Initiative 5: Integrated multidisciplinary studies of unconformity-related uranium deposits from the Patterson Lake corridor, northern Saskatchewan; Geological Survey of Canada, Bulletin 615

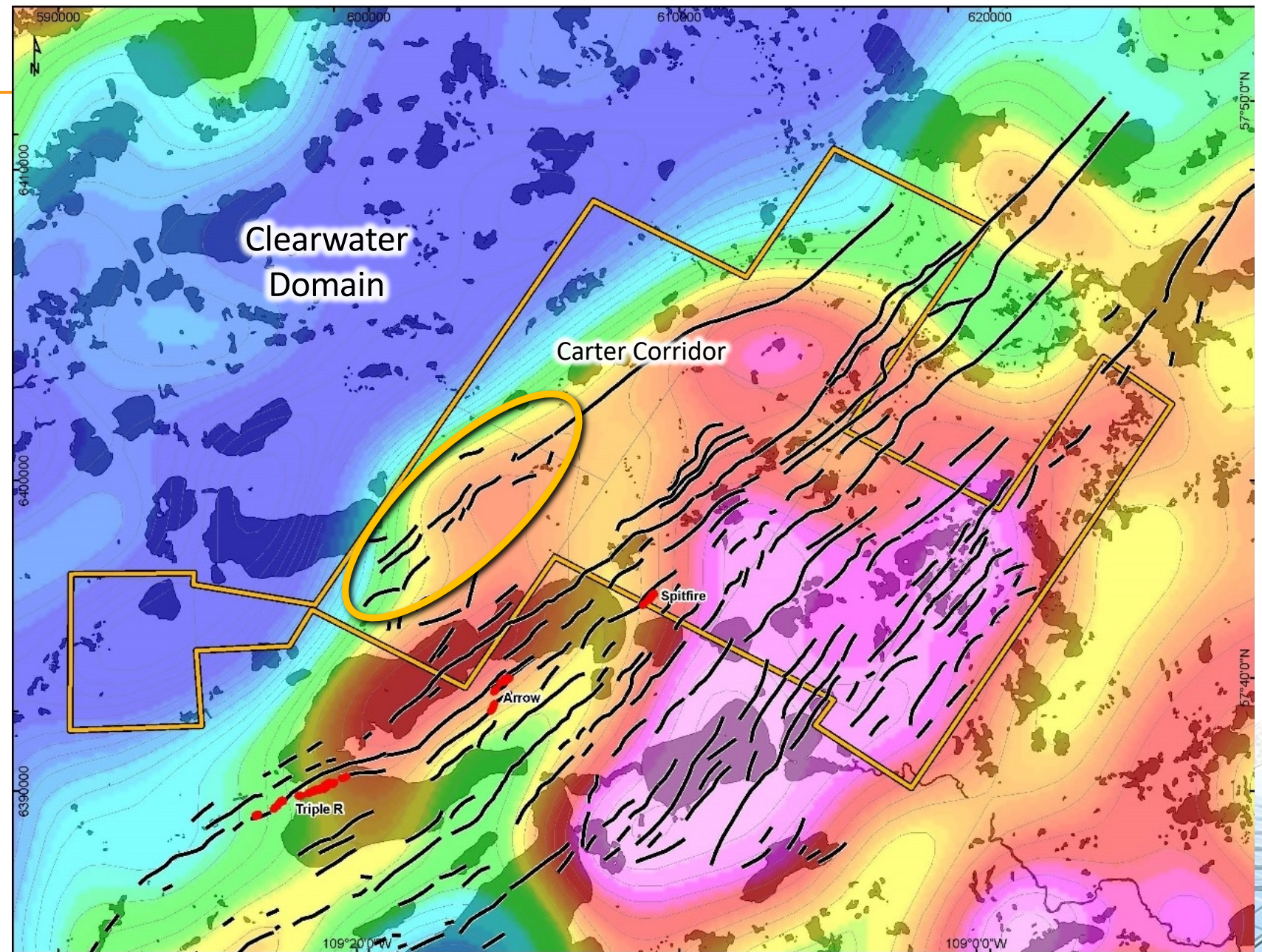


Carter Corridor

- 25km band of graphitic conductors
- Ideal Rock Type
- ***Extremely close to hydrothermal heat source*** (Clearwater Domain)
- Complex, long-lived faulting pattern

2008 Purepoint Drilling

- Predates any Patterson discoveries
- Spikey radiation at 50 m beneath unconformity
- Significant alteration – evidence of a potential mineralization event



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



Next Steps

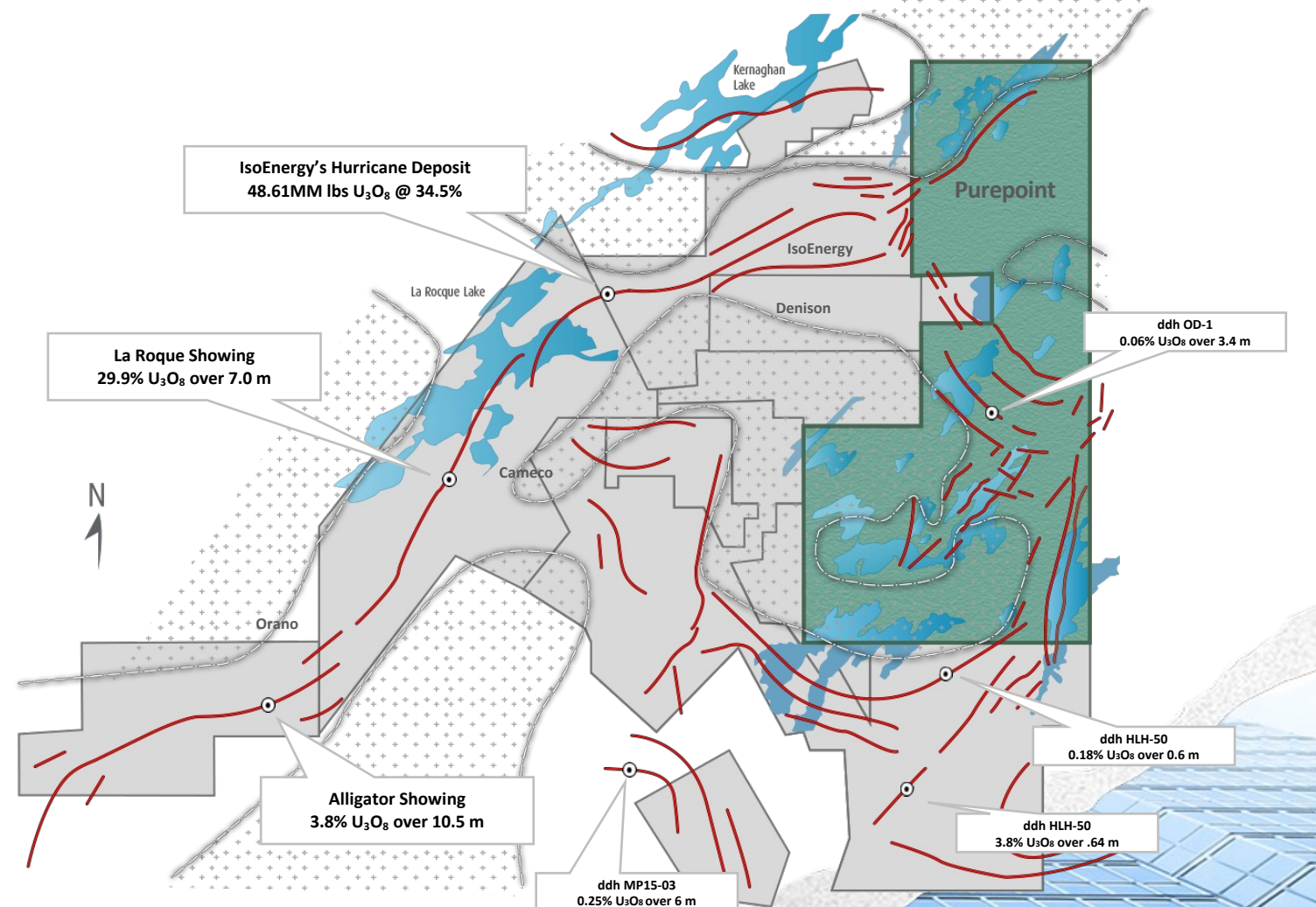
- Fall 2022 Drill Program at the Serin Conductor

Drilling to date has identified a large region of elevated uranium

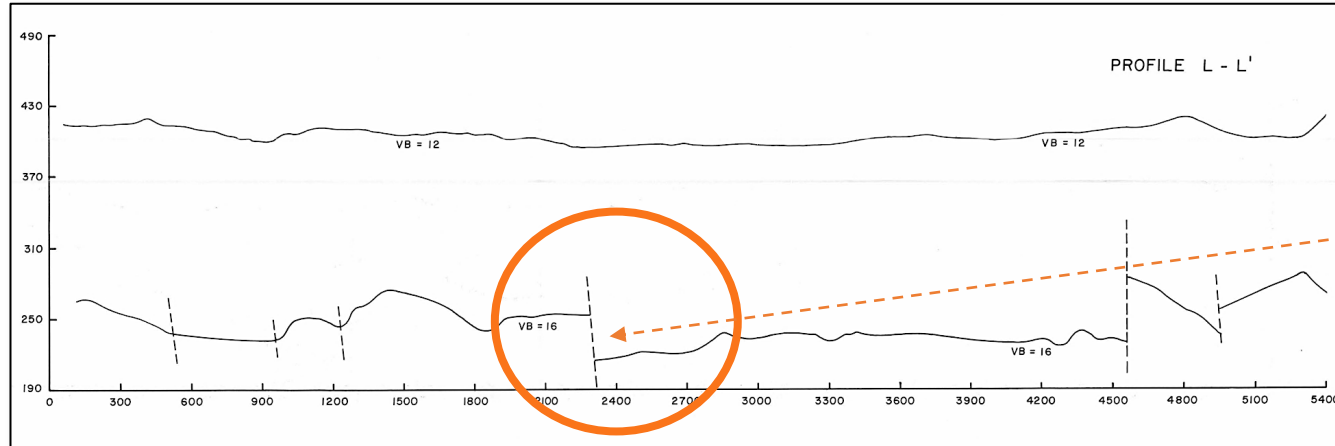


Description:

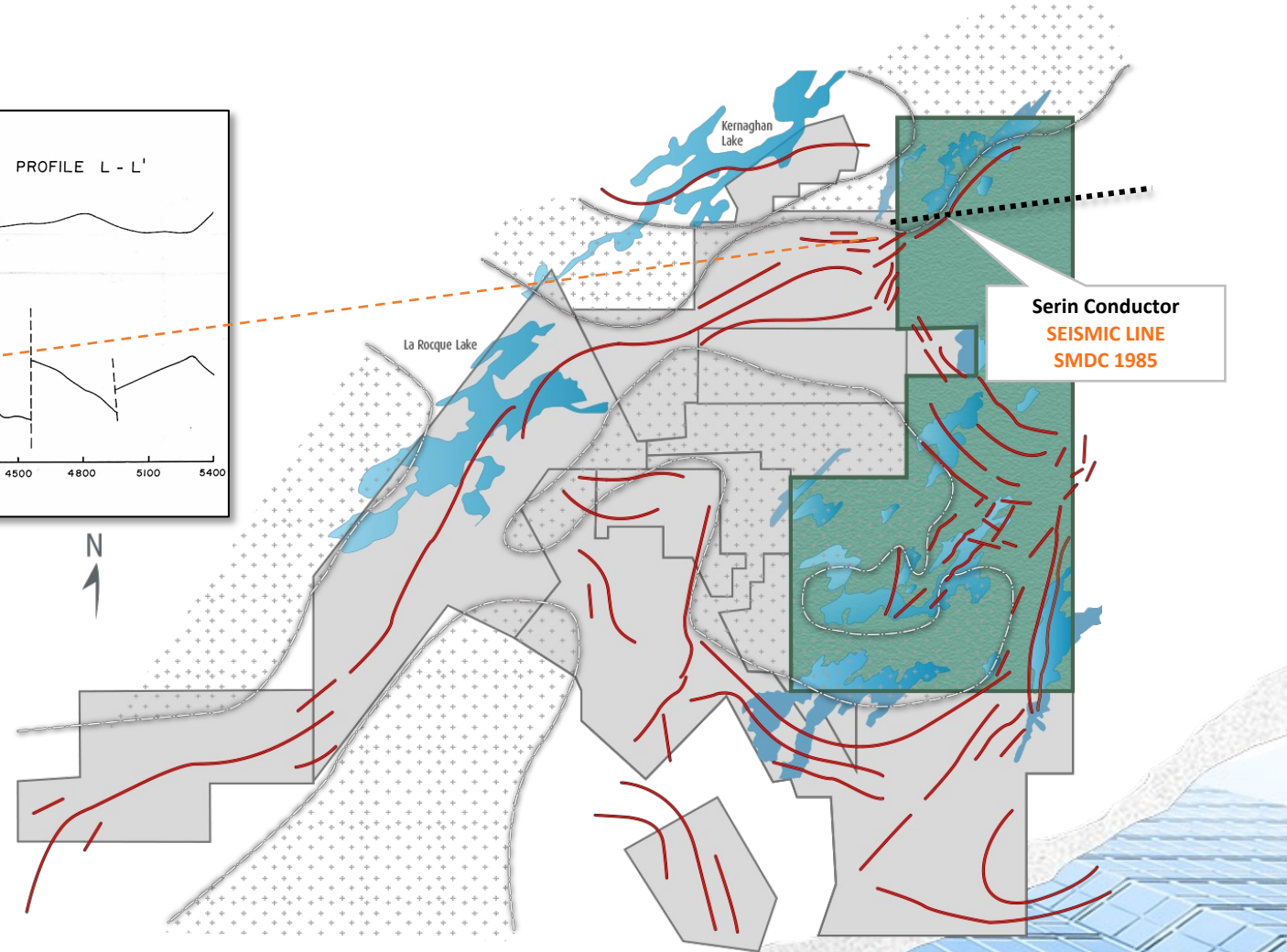
- 9,706 hectares situated in the eastern plane of the Athabasca Basin
- 100% Owned
- Assessment held until: August 2031



Serin Conductor to be drill tested

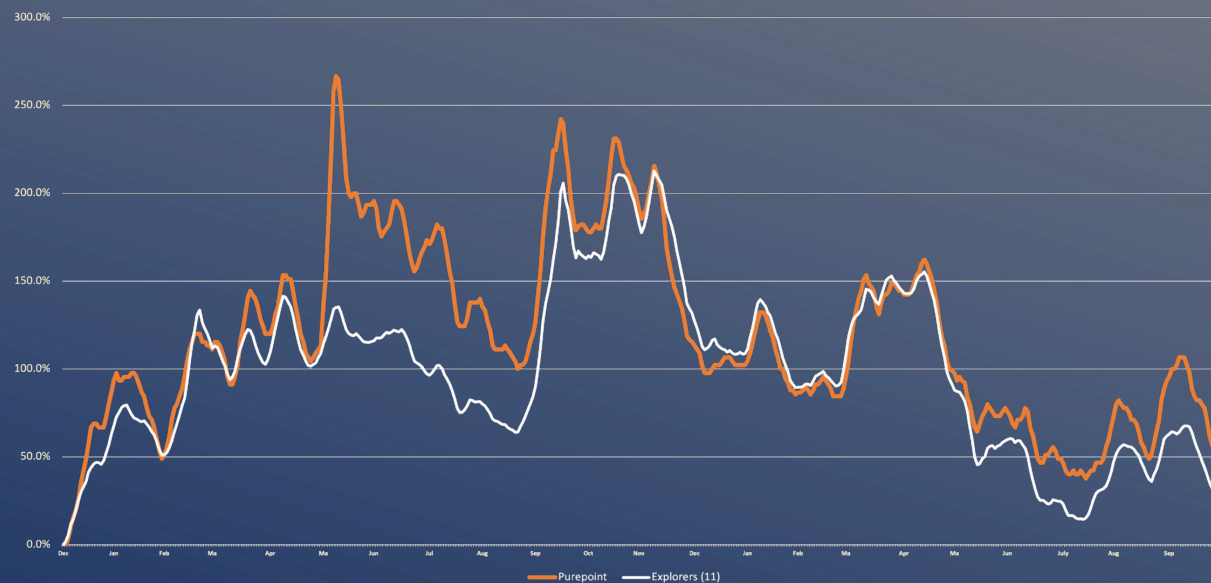


Seismic survey interpreted a 150m fault
at the Serin Conductor
(setting similar to MacArthur River Deposit)



Fully funded for upcoming exploration schedule

Share Price Change Since Dec 1, 2020
(5 Day Rolling Average)



TSX Venture: PTU/ OTCQB: PTUUF

Market Capitalization (\$Cdn as of Sept 30, 2022)	\$25.8 mm
52 Week Range	\$0.17 - \$0.06
Shares Outstanding	368.89 mm
Options (@\$0.09 weighted avg.)	32.55 mm
Warrants (@\$0.13 weighted avg.)	118.96 mm
Shares Fully Diluted	520.40 mm
Insider Ownership	~4.5%
Institutional Ownership	~27%
Cash on Hand	~\$3.00 million

Exploration discovery delivers the most dramatic inflection point in resource value

Fully Funded Drilling Programs Underway

- Drilling at Red Willow – September/October 2022
- Drilling at Turnor Lake – November 2022
- Drilling at Hook Lake JV with Cameco & Orano – January 2023
- Follow-up drilling at Red Willow/Turnor Lake – January 2023



Carefully Assembled Athabasca Basin Portfolio

Actively advancing a deep pipeline of strategically situated, drill ready projects in the world's richest uranium district



World Class Partners

The only exploration company actively partnered with, funded by, and operating for world class producers Cameco & Orano

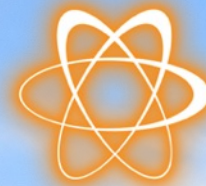


Experience & Patience

Proven team shouldered the downturn while maintaining and advancing some of the Basin's most valuable prospects

Purepoint

Uranium Group Inc.



Chris Frostad, President & CEO

cfrostad@purepoint.ca

T: +1.416.603.8368

Jeanny So, Corporate Communications

info@jeannyso.com

T: +1.647.202.0994



www.purepoint.ca



Twitter @PurepointU₃O₈



LinkedIn @Purepoint-Uranium



YouTube @Purepoint Uranium



Appendix



TSXV: PTU / OTCQB: PTUUF

Q4 - 2022

HIGHLY QUALIFIED LEADERSHIP TEAM

With decades of experience in the Athabasca 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.



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.

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.



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.



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

Ram Ramachandran, BA, CA, CPA – CFO

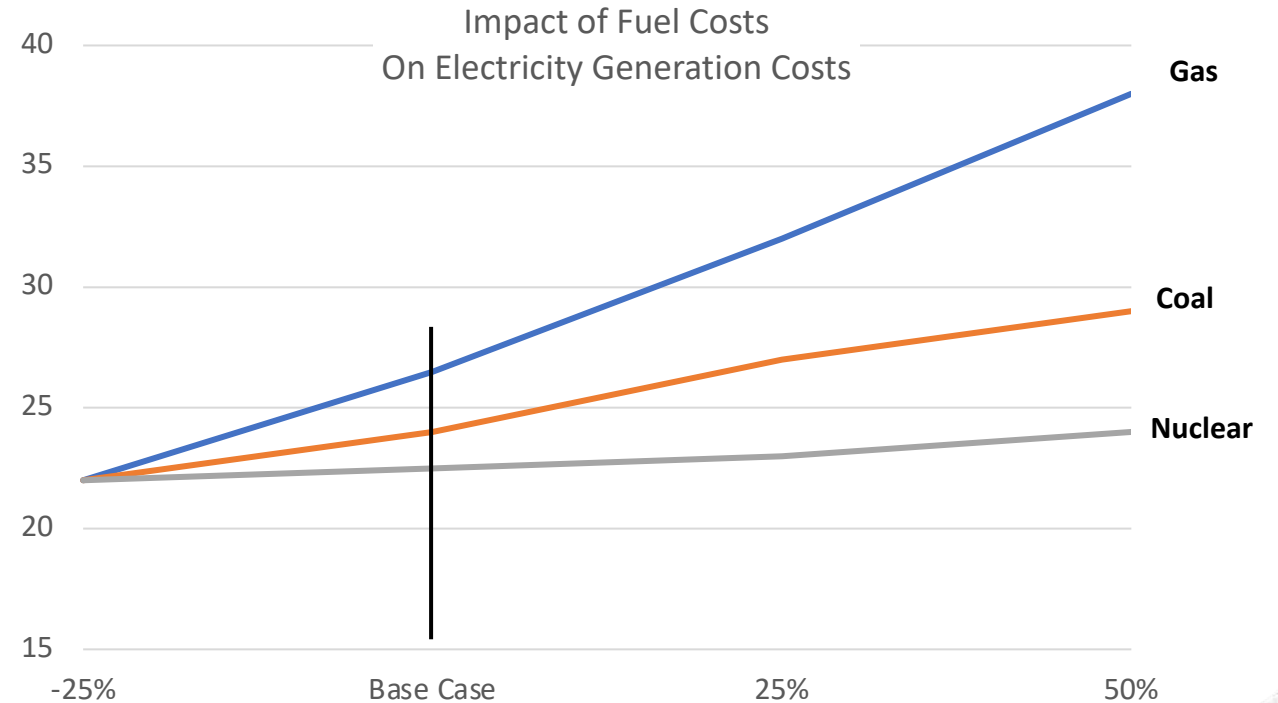
- Spent 11-years as Deputy Director and Associate Chief Accountant with the Ontario Securities Commission.

Uranium fuel represents approximately 10% of nuclear electricity generation costs

A doubling of fuel prices equals a resulting rise in electricity costs of:

- ✓ Gas 66%
- ✓ Coal 31%
- ✓ Nuclear 9%

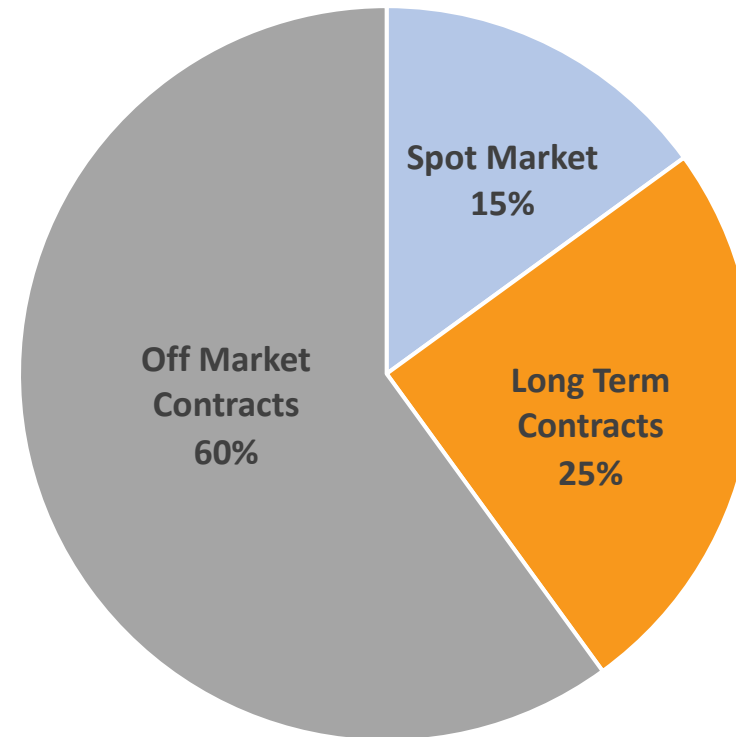
With minimal impact on cost, pricing does not impact a Utility's need to purchase uranium



Spot prices are reported daily, while tendered long-term contract prices are generally reported once a month

60% of the market is negotiated directly between a producer and a utility and is never reported

Typical Uranium Sales Channel



1. Nuclear is now Considered a Zero-Emission Clean Energy Source!

October 3, 2022

Bill introduced to remove nuclear energy ban in Australia

March 19, 2022

Belgium to Extend Life of Nuclear Reactors By Another Decade

September 27, 2022

Germany set to backtrack on nuclear phaseout

September 5, 2022

Japan's nuclear policy shift marks a turning point for uranium

September 6, 2022

California extends the life of Diablo Canyon NPP

September 29, 2022

Ontario plans to extend life of Pickering nuclear plant, eyes refurbishment

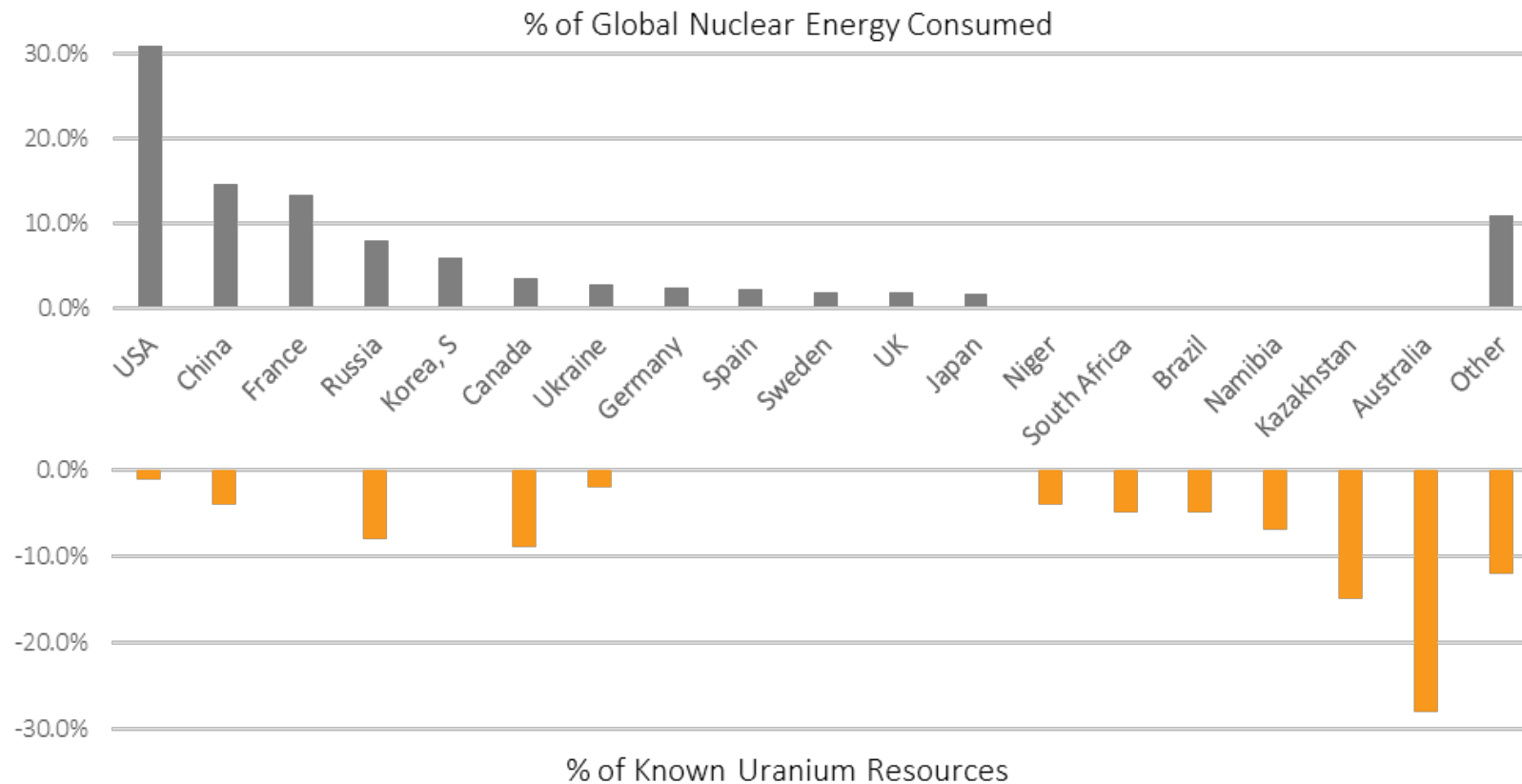
March 28, 2022

India plans to build ten nuclear plants over next three years

Nuclear power plants produce **no greenhouse gas emissions** during operation, and over the course of their life cycle.

They produce about **the same** amount of carbon dioxide-equivalent emissions per unit of electricity as wind, and **one-third** of the emissions per unit of electricity when compared with solar.

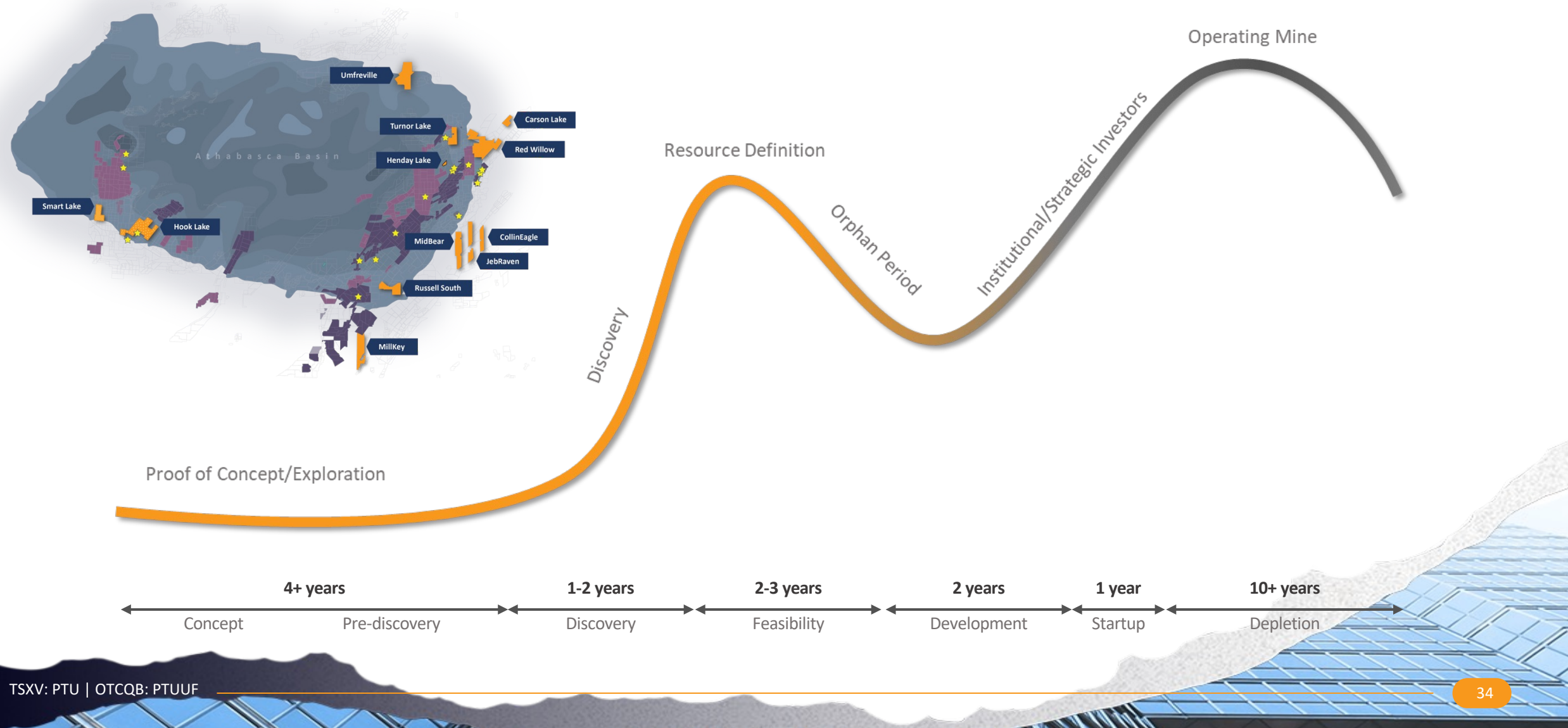
2. Growing Politics of Energy Self Sufficiency



The migration to nuclear, and recent disruptions in energy supply have prompted developed countries to shore up uranium fuel availability through:

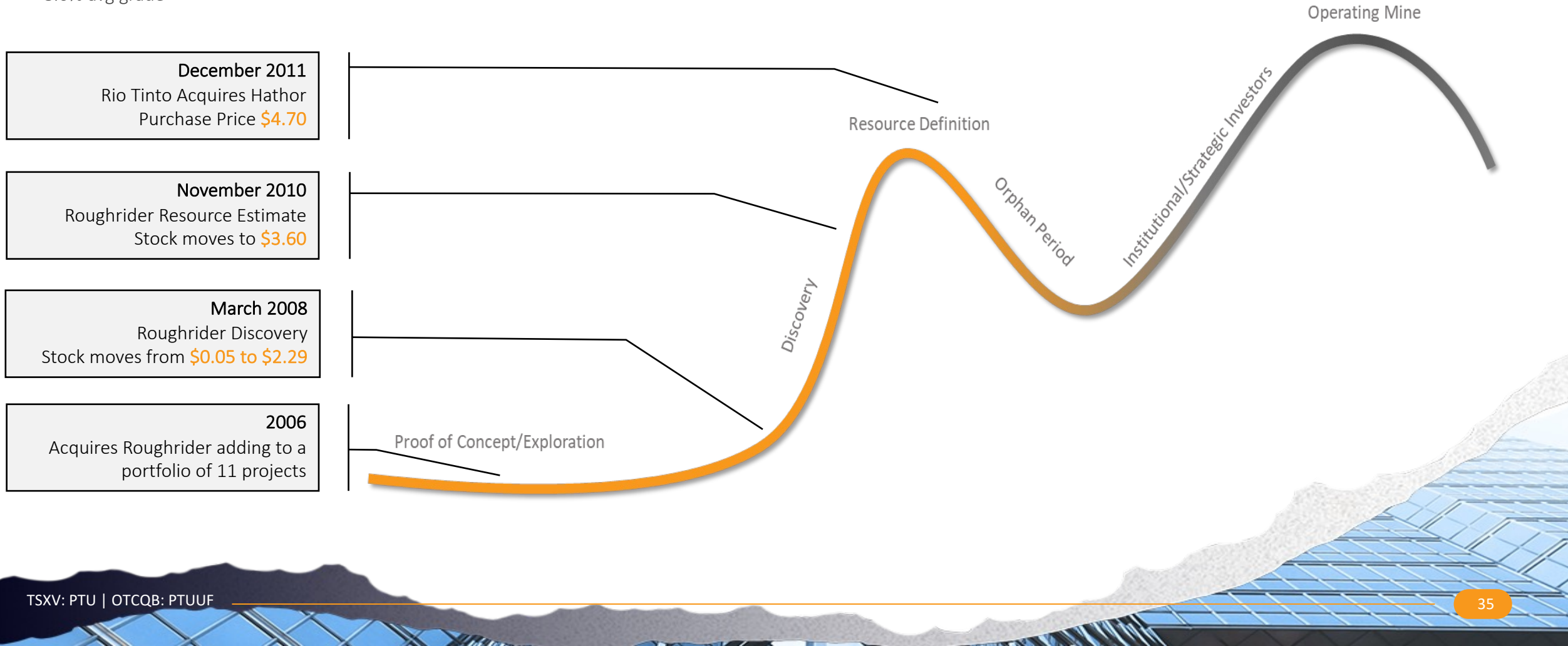
- Newly heightened support for domestic uranium fuel exploration and production; and
- Establish deeper relationships with “safe source” countries

The Objectives of an Exploration Investment



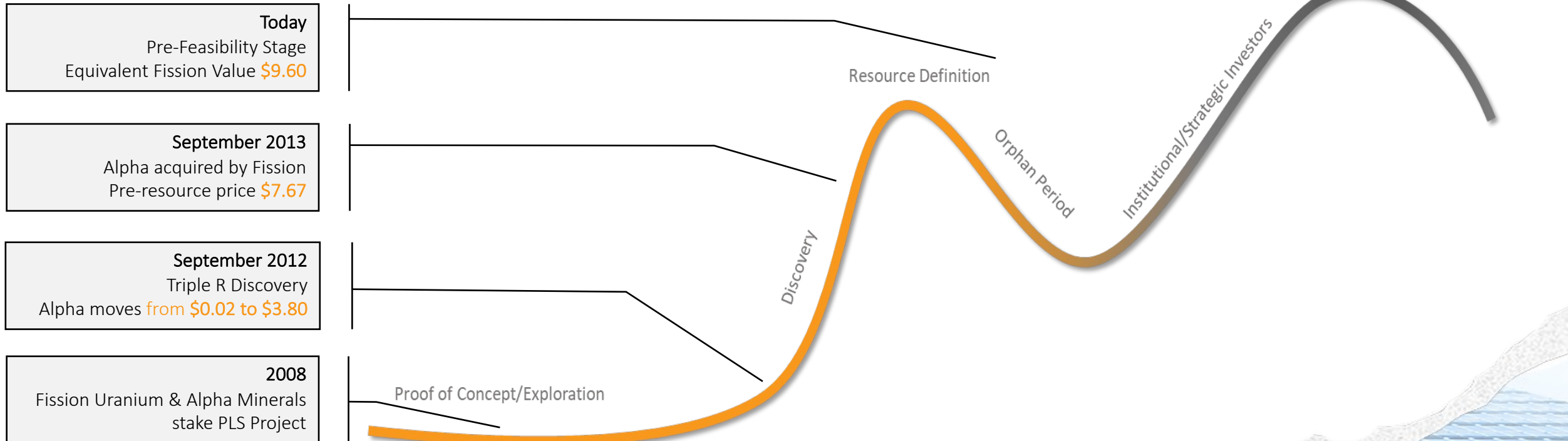
Hathor's Roughrider Deposit

- 58MM lbs U₃O₈ (Ind+Inf)
- 8.6% avg grade



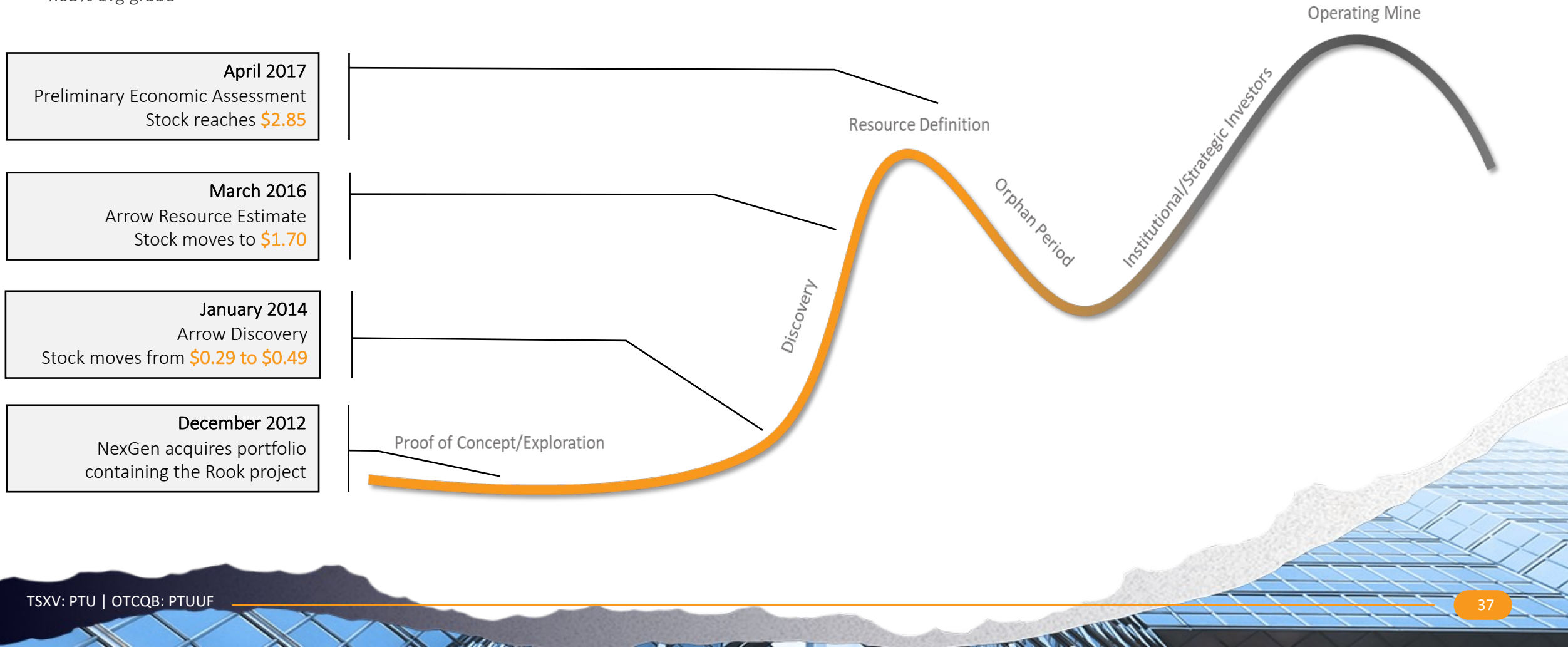
Fission & Alpha's Triple R Deposit

- 114.9MM lbs U₃O₈ (Ind)
- 1.94% avg grade



NexGen's Arrow Deposit

- 256.6MM lbs U₃O₈ (Ind)
- 4.03% avg grade



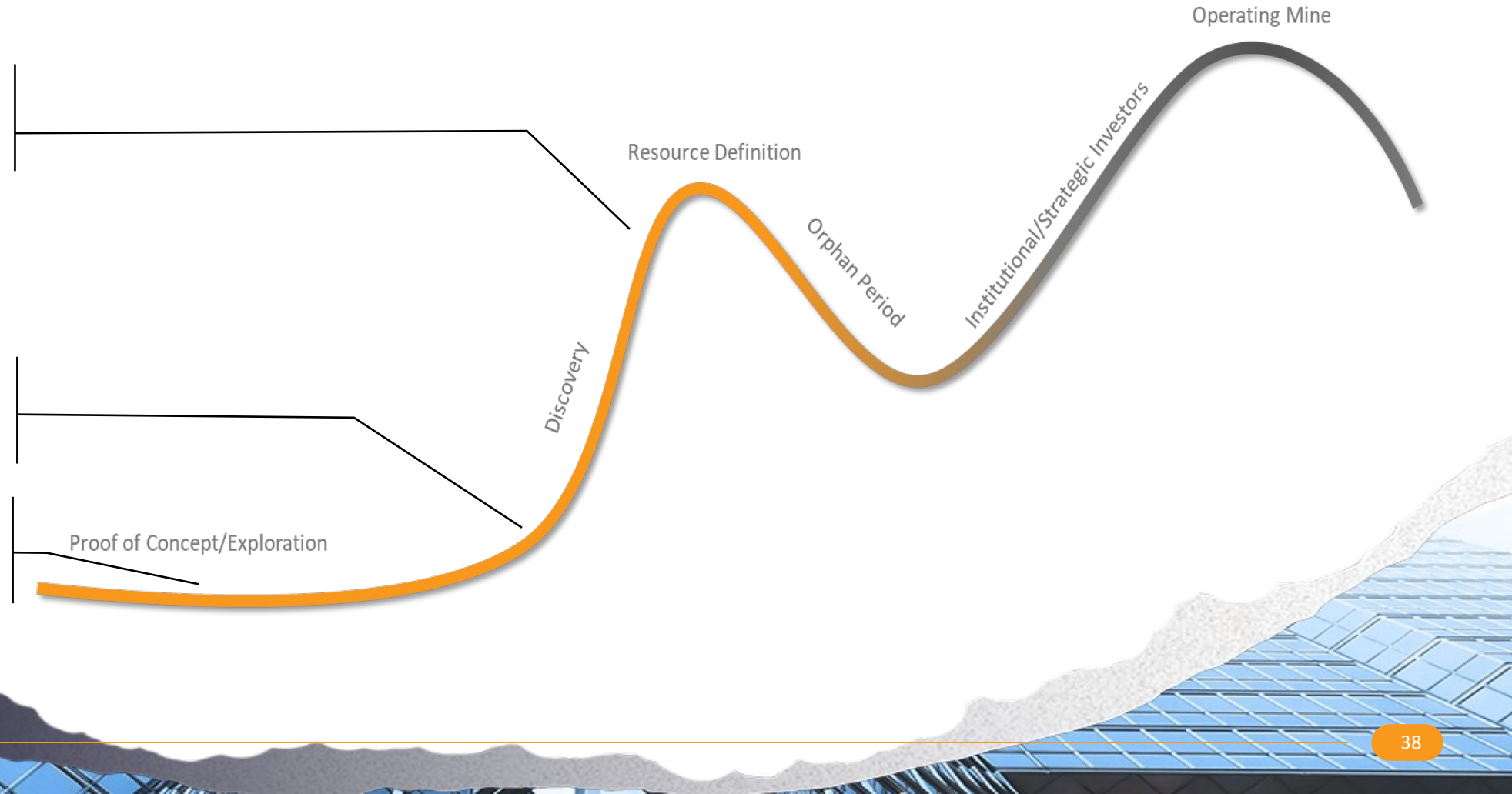
IsoEnergy's Hurricane Deposit

- 46.6MM lbs U₃O₈ (Ind)
- 34.5% avg grade

July 2022
Hurricane Resource Estimate
Stock moves to **\$3.80**

February 2020
Hurricane Discovery
Stock moves from **\$0.40 to \$1.20**

May 2018
IsoEnergy acquires Larocque East
project from Cameco



- Hathor Exploration Return 94 x
- Fission Uranium Return 480 x
- NexGen Energy Return 10 x
- IsoEnergy Return 10 x

