



Purepoint

Uranium  
Group Inc.

# INVESTING IN CANADA'S URANIUM FUTURE

Built for Large-Scale Exploration  
Backed by Industry Leaders

TSXV: PTU | OTCQB: PTUUF

Q4 - 2024

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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.

Backed by Industry Leaders, Built for Large-Scale Exploration



Trusted Operator & Chosen Partner of Top Industry Players

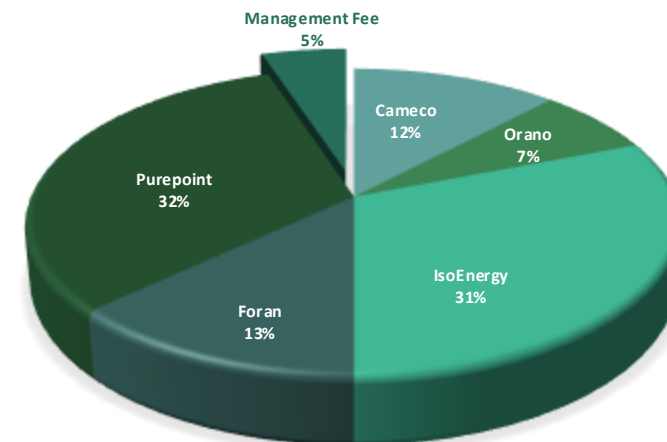


District-Scale Projects in the Most Prolific Areas

- All projects under joint ventures are strategically positioned along well-established mine corridors on trend with major discoveries

Advancing Key Projects with Minimal Dilution and Active Partners

- For every joint venture dollar spent per hectare





Operator: Purepoint



### Joint Venture Breakdown

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



### Next Steps

- Proposed Drilling: 4,850 m between Carter Corridor & Patterson East
- Proposed Geophysics in Carter North Corridor





**Purepoint’s Spitfire Discovery**

- Resource not defined
- Results include 10.3% U<sub>3</sub>O<sub>8</sub> over 10.0 metres

**NexGen’s Arrow Deposit**

- 2018 PFS
- Indicated Resource
- **256,600,000** lbs U<sub>3</sub>O<sub>8</sub>
- Avg Grade **4.03%** U<sub>3</sub>O<sub>8</sub>

**Fission’s Triple R Deposit**

- 2022 MRE
- Indicated Resource
- **114,900,000** lbs U<sub>3</sub>O<sub>8</sub>
- Avg Grade **1.94%** U<sub>3</sub>O<sub>8</sub>





### Carter Corridor

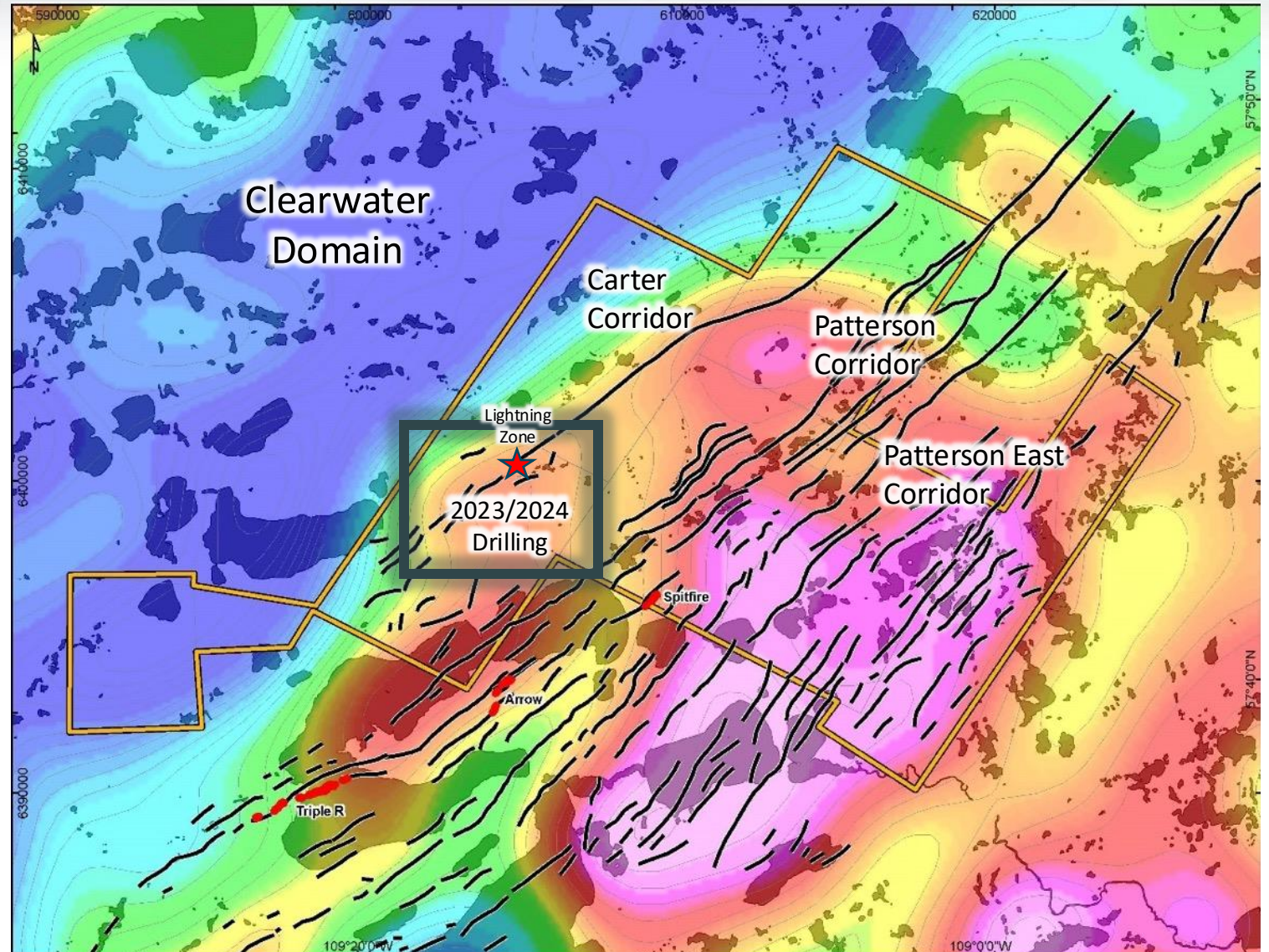
- 25km band of graphitic conductors
- Ideal Rock Type
- Extremely close to hydrothermal heat source (Clearwater Domain)
- Complex, long-lived faulting pattern

### 2023/2024 Drilling & Identification of the Lightning Zone

- 8,042m across 10 holes
- 5-800m step outs testing just over 5 km so far
- CRT24-10 intersected a 13 m wide zone of altered brecciation and shearing that returned **0.29% U3O8 over 0.9 metres, including 0.68% U3O8 over 0.3 metre.**

### Proposed 2025 Program at Carter Corridor

- 5 diamond drill holes for a total of 2,750m
- EM survey at the Carter North





**Patterson East Corridor**

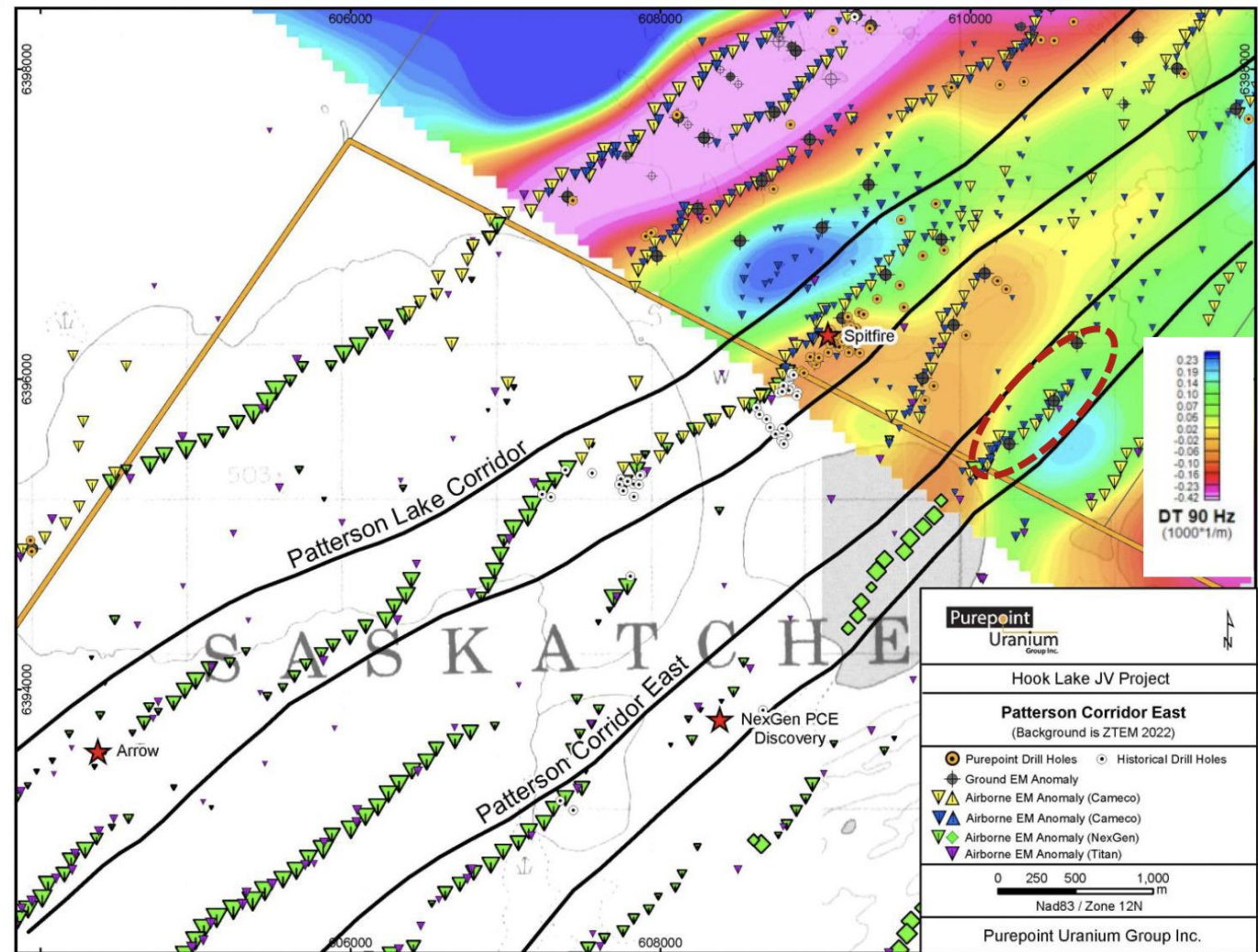
- Targeting a **1.2 km** band of graphitic conductors
- Depth to unconformity 100 to 200m

**Recent Findings at the Patterson East Corridor**

- NexGen PCE Discovery: RK-24-183
- 13.5m of 7.8%  $U_3O_8$  including 0.5m of 10%  $U_3O_8$  and 0.5m of 6.23%  $U_3O_8$

**Proposed 2025 Drill Program**

- 6 diamond drill holes for a total of 2,100 m





### Description

- 9,860 hectares ~18 km west-northwest of Hook Lake JV and ~60km south-southwest of Orano's former Cluff Lake Mine
- Joint Venture Breakdown
  - Cameco Corp: 73%
  - Purepoint: 27%

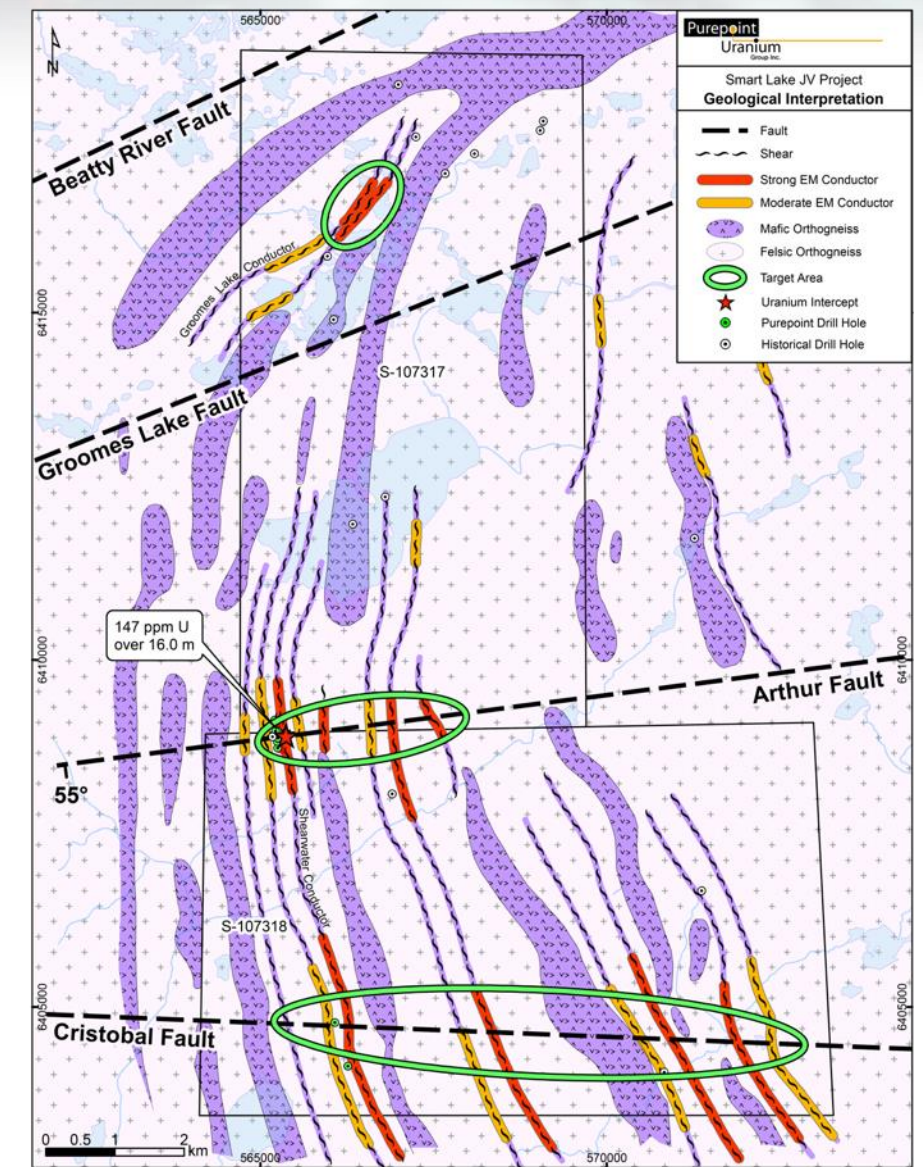
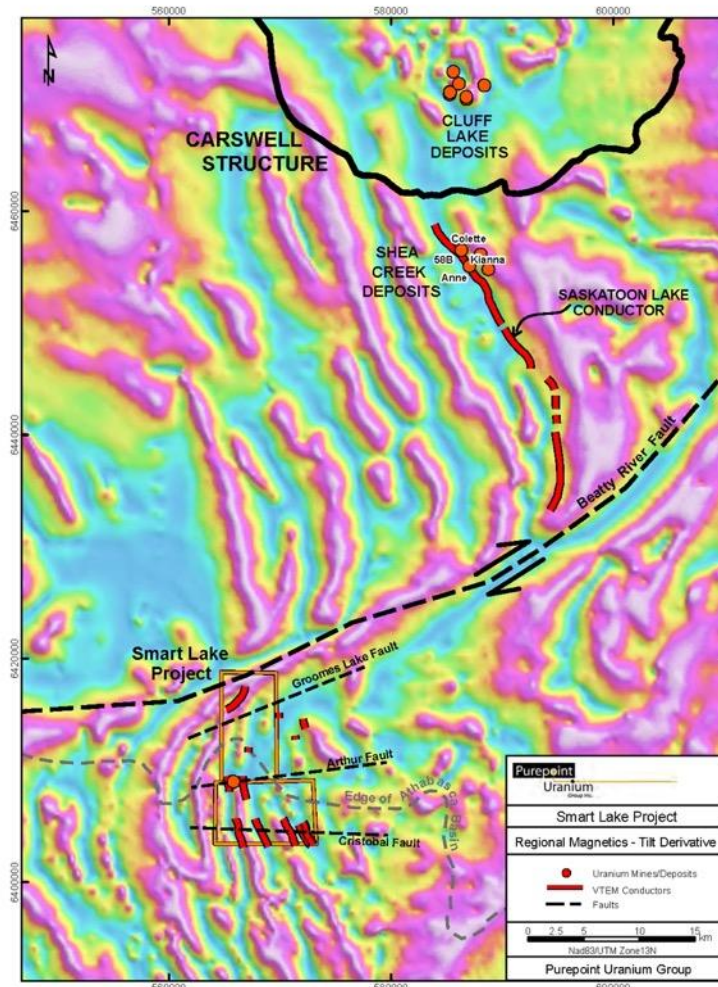


### Next Steps

- Follow-up airborne geophysics and geological field mapping is planned for 2024 calendar year with drilling plans for 2025



- Geologically connected to the Shea Creek Deposit
- The Smart Lake targets represent the southern end of the “Saskatoon Lake Conductor”: displaced along the Beatty River Fault
- Early drilling by the JV partners, intersected basement-hosted uranium mineralization associated with a hydrothermally altered, graphitic shear zone that included 15.4 metres of 147 ppm U only 200 metres from surface
- Comparable to the Patterson Uranium District, key geological processes required for the development of high-grade uranium deposits are considered to be clearly present at Smart Lake





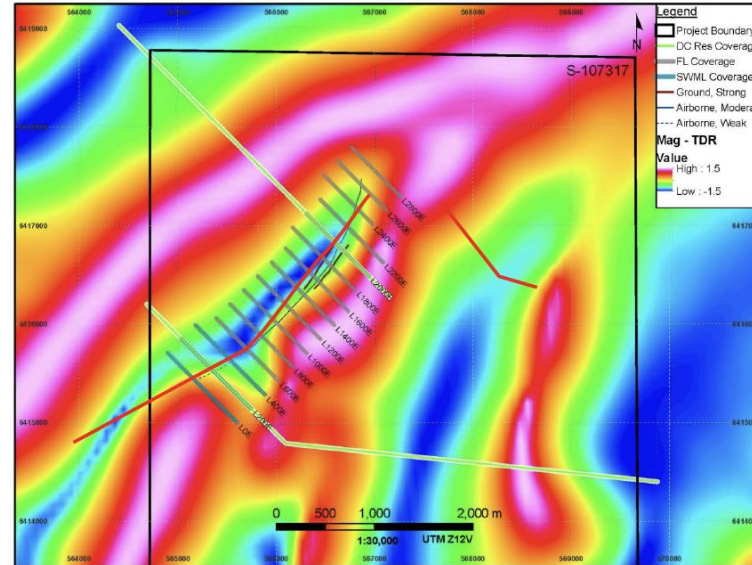
**Groomes Lake Target Area**

- Conductors within the Groomes Lake Target strikes north-east which may be favorable for enhance dilation, fluid flow and uranium deposition

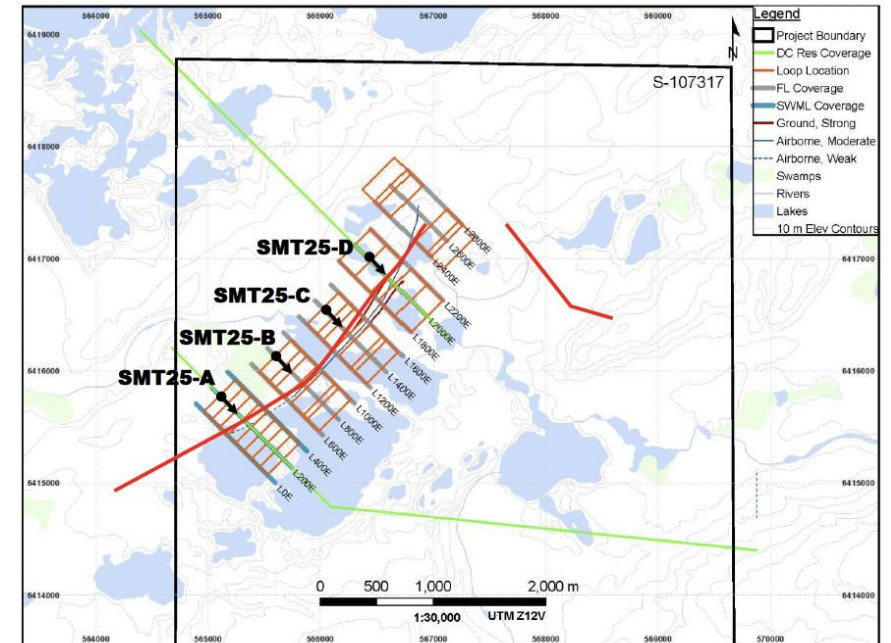
**SMML and FL TEM Survey – scheduled for December 2024:**

- Approximately 39 line-km of survey
  - 3 lines of step-wise moving loop
  - 12 lines of fixed loop
- 4 diamond drill holes for a total of 1,400m

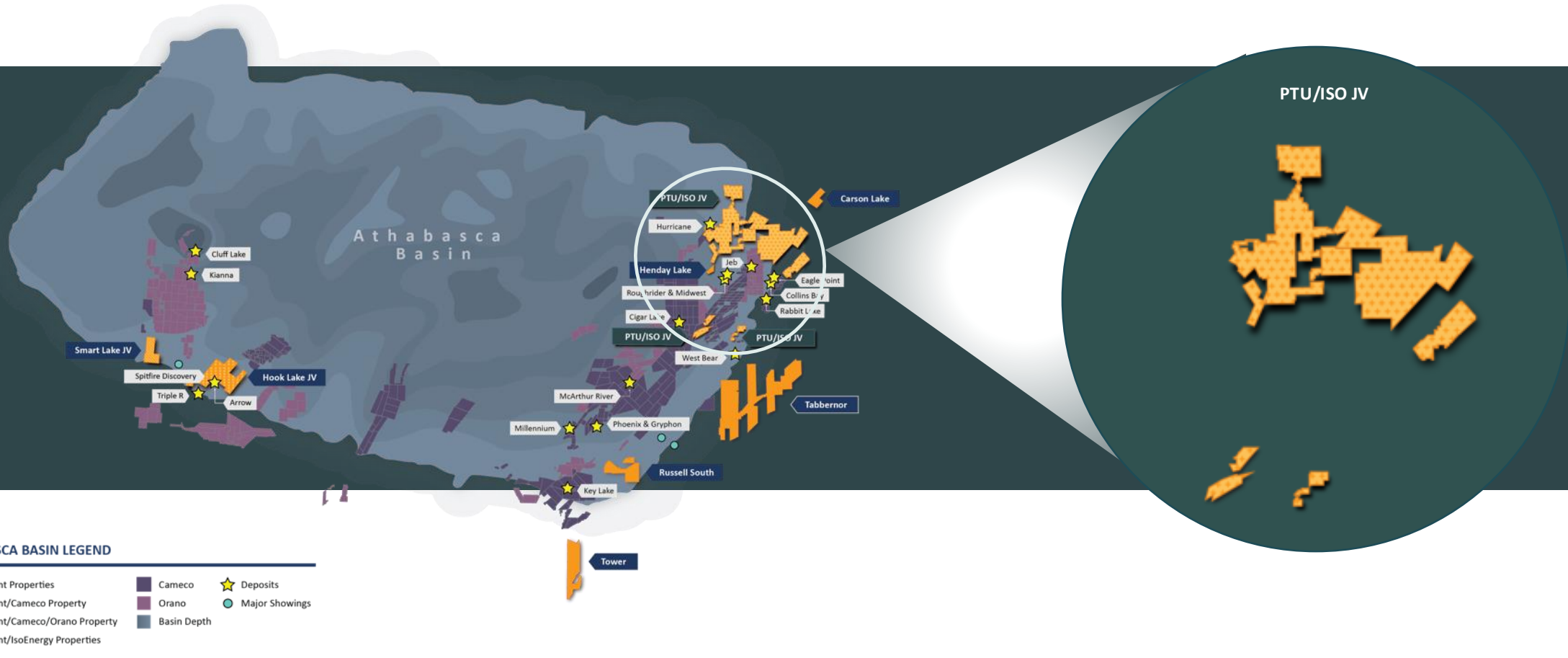
Survey Area



Proposed Drilling







**ATHABASCA BASIN LEGEND**

Purepoint Properties	Cameco	Deposits
Purepoint/Cameco Property	Orano	Major Showings
Purepoint/Cameco/Orano Property	Basin Depth	
Purepoint/IsoEnergy Properties		


## Terms of the Joint Venture

### Purepoint Contribution

- 2 properties for a total of 49,825 hectares
- 40,000,000 pre-consolidation shares
- 10:1 Consolidation

### IsoEnergy Contribution

- 8 properties for a total of 48,611 hectares
- \$1mm investment via private placement @ \$0.30 per unit with one warrant @ \$0.40 for 3 years (post consolidation)



In the 50-50% JV, Purepoint leads the exploration efforts, transitioning operations to IsoEnergy upon discovery

### District-Scale Project

- Strategically located in a well established mine corridor with significant resource potential

### Financial Commitment From Both Partners

- Collaborative investment model ensures continued progress & validation of projects
- Tens of millions of dollars already invested in the area

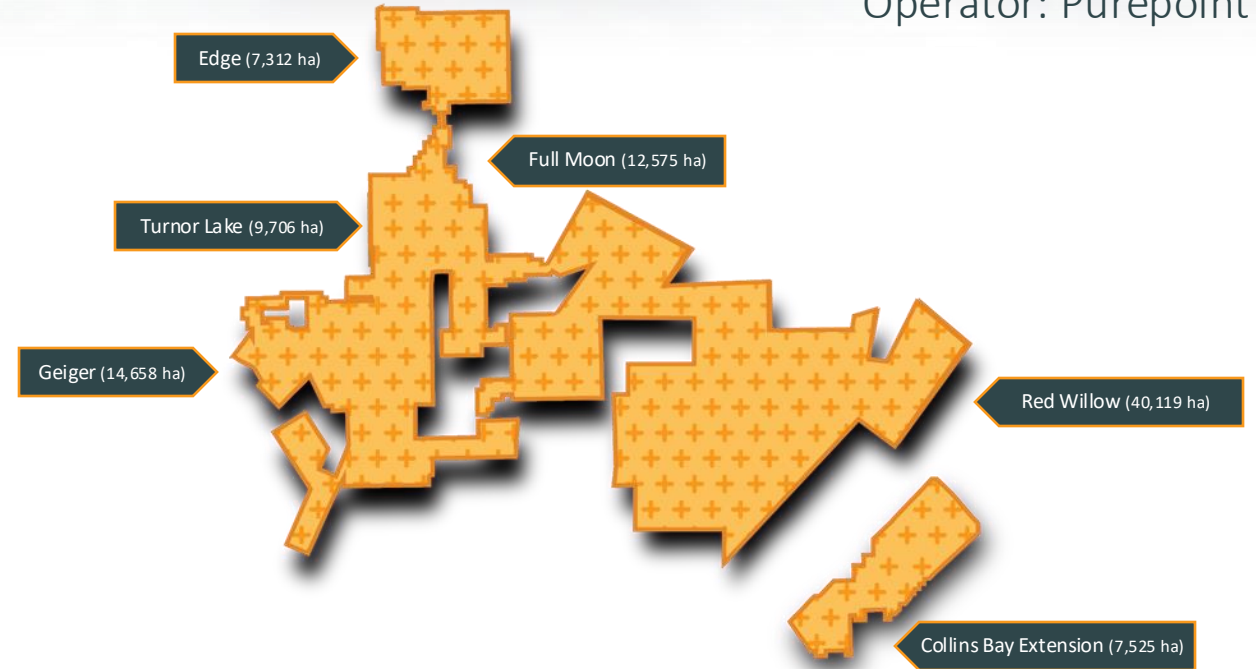
### Combined Expertise in Key Areas

- Strength in exploration, resource discovery and project advancement

### Access to Capital

- Solid shareholder base with long-term shareholders contributing to sustained project growth

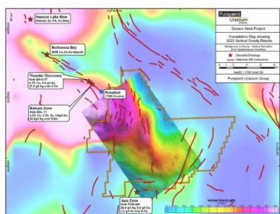




Joint Venture Size: 98,436 ha

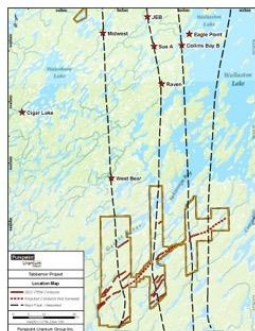


**Denare West**  
 Optioned to  
**F O R A N**



- Phase 1 Earn In: 51% by spending \$3mm to Nov 2027
- Phase 2 Earn In: 29% by spending \$3mm 2029
- Phase 3 Earn In: 20% by paying PTU \$10mm + 2% NSR

**Tabbemor**  
 100% Owned



- Due South of some of the Basin's largest uranium deposits
- Geologically controlled by the Tabbemor Fault System (TFS)

**Russell South**  
 100% Owned



- Located at the southern edge of the Athabasca Basin, adjoining Cameco's Key Lake Project, Skyharbour's Moore Lake Project and Rio Tinto's Russell Lake project to the west and south
- 5 drill ready targets identified

**Carson Lake**  
 100% Owned



- Adjoins ValOre Metals Hatchet Lake Project in the Northeastern edge of the Basin
- 3 drill ready targets identified
- Permits pending

**Henday**  
 100% Owned



- Located 9 km NW of Orano's Midwest Lake Deposit & 10 km W of UEC's Roughrider Deposit
- 10Km due east and along strike is Denison's Huskie Zone (WAT18-52 included 4.5% U3O8 over 6.0 metres)

**Tower**  
 100% Owned

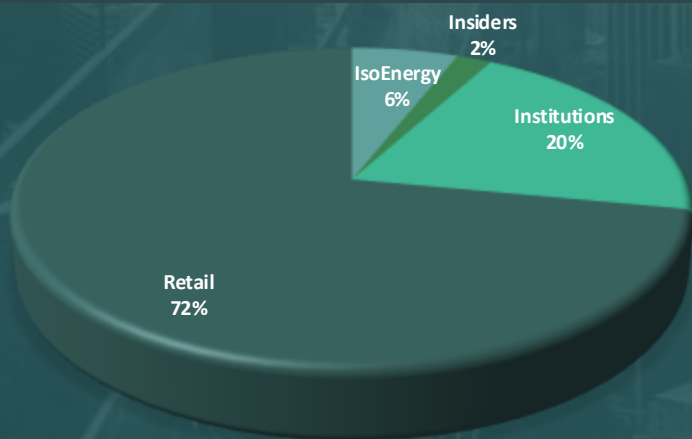


- Geologically controlled by the Tabbemor Fault System (TFS)
- TFS not only hosts 80 historic mines and gold occurrences but as well crosscuts the Basin's mine trend aligning itself with 8 of the Basin's largest discoveries



Built for Large-Scale Exploration, Backed by Industry Leaders

TSX Venture: PTU   OTCQB: PTUUF	
Total Shares Outstanding	57.41 mm
Options	5.00 mm
Warrants	18.77 mm
Institutional Ownership	20%
IsoEnergy Ownership	6%
Insider & Management Ownership	2%
<b>Market Cap (as of Nov. 22, 2024)</b>	<b>\$16.36 mm</b>



### Trusted Operator & Chosen Partner of Top Industry Players

- Focused on advancing key projects with active joint ventures on majority of assets



### District-Scale Projects in the Most Prolific Areas

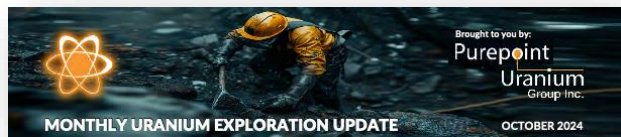
- Strategically positioned along a well established mine corridor in the Athabasca Basin on trend with major uranium discoveries



### Financial Support & Validation from Joint Venture Partners

- Lead operator for most JV projects with senior partners guiding decisions around exploration spend
- Positioned to deliver one of the largest field exploration programs in 2025, driven by collaborative investment while minimizing dilution

Monthly  
Uranium Exploration Newsletter



**US increases import tariffs as domestic uranium production grows**

Source: World Nuclear News  
September 25, 2024

US uranium production continues to grow, with 2024's year-to-date production already more than triple that recorded for the same period of 2023, according to the latest figures from the US Energy Information Administration (EIA). Meanwhile, as news reports suggest US concern that Russian uranium might be being circumvented, the Office of the United States Trade Representative has announced "increased tariffs on Chinese imports including uranium."

US uranium production in the second quarter of 2024 was 97,705 pounds U3O8 (37.56 tU), the EIA said in its quarterly update. This is an 18% increase from first quarter production of 82,533 pounds U3O8, bringing production for the first half of the year to 180,240 pounds, far more than 2023's total production of 149,619 pounds, and close to 2022's full-year production of 152,143 pounds U3O8. Production in the second quarter was from five facilities – "Noble Ranch, Ross, Lost Creek and Star Search" (Highland, UT), "Working and Bechtel" (Troy, IL).

The EIA's quarterly report, however, in the same week, the Office of the United States Trade Representative (USTR) announced in the Federal Register modified tariffs for various goods imported into the USA from China. These tariffs were originally imposed under Section 301 of the Trade Act of 1974 to address Chinese imports related to technology transfer, intellectual property and innovation that the USA considers to be "unreasonable or discriminatory" and which burden or restrict US commerce. "The newly announced rates follow a statutory review process."

The tariff on "Actinium, calcium, cerium, europium, gadolinium, holmium, lanthanum, neodymium, praseodymium, promethium, samarium, scandium, strontium, thulium, uranium and their compounds, alloys, intermetallics, ceramic products & mixtures," which currently stands at 7.5%, will increase to 25%. The new tariff will apply to products that are "intended for consumption or withdrawal from warehouse for consumption on or after September 27, 2024."

According to the EIA's Uranium Marketing Annual Report, US utilities purchased 49,339 million pounds U3O8 in 2023, meaning that imports made up more of the \$1.625 billion purchase program in the year. Sources for all but around 950,000 pounds of those imports were disclosed by the agency, with the actual amount of uranium purchased from several countries, including China, to avoid disclosure of individual company data.

Although US imports of Chinese uranium have been small, there now appears to be concern in the USA that Chinese imports may be used to circumvent the ban on the import of Russian uranium. "Imports Act came into force in August."

The US Department of Energy, along with other relevant agencies, is closely tracking imports from China to ensure the prompt implementation of the recently enacted Prohibitory Russian Uranium Imports Act. A department spokesperson told Reuters US officials are monitoring imports from China and other countries to ensure they are not importing Russian uranium as part of a scheme to export material produced domestically that they would otherwise have used in their own reactors," the spokesman added.

The Chinese foreign ministry told Reuters that "China has always opposed any illegal unilateral sanctions and 'long arm jurisdiction'" and that cooperation between China and Russia is "an independent choice made by two sovereign countries based on their respective development needs, openly and honestly, without targeting any third party, and without being interfered or controlled by any third party."

"China is willing to continue 'normal economic and trade cooperation' with countries across the world," including Russia, it added.

UxC Consulting Spot Price US\$	
August 31, 2024	\$79.0000/0302
September 20, 2024	\$81.7500/0302
Change of +US\$2.75/lb U3O8	
UxC Consulting Long-Term Price US\$	
August 31, 2024	\$80.0000/0302
September 20, 2024	\$81.0000/0302
Change of +US\$1.00/lb U3O8	

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WITH A SPECIAL THANKS TO JOHN QUAKES FOR ALL HIS CONTRIBUTION TO THE URANIUM COMMUNITY OVER THE YEARS

Uranium Spotlight  
Weekly Podcast

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*Nuclear's resurgence in a clean energy world*

Available on and more

Powered by: **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

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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, MASC, 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



**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.



**Colin Fehr, B.Sc., P.Geo. – Chief Geologist**

- 9+ years of exploration and mine site experience in a variety of commodities
- Experienced Project Manager who regularly supervises diamond drill operators, contractors and junior technical staff.



**Aaron Lyrette, B.Sc., G.I.T. – Project Geologist**

- A skilled geologist that prioritizes safety and responsible environmental practices.
- Professional experience includes project management, core logging, geological interpretation, geographic information systems (GIS) and geological mapping.



**Jessica Goodnoh, BSch – Exploration Geologist**

- A bilingual exploration geologist, Jessica excels in core logging, geological mapping, borehole surveying and ArcGIS.
- She has mineral exploration experience within Canada and US for commodities including gold and uranium.

Decades of Experience in the Athabasca Basin



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**Allan Beach, BA, LLB – Director and Corporate Secretary**

- 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.