

# MONTHLY URANIUM EXPLORATION UPDATE

May 2024

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## First drum of uranium from restarted Australian project

Source: [World Nuclear News](#)

April 23, 2024

**Boss Energy Limited's Honeymoon in-situ leach project in South Australia has produced its first drum of uranium in more than a decade, a major milestone in a commissioning process that will see production ramp up to 2.45 million pounds U<sub>3</sub>O<sub>8</sub> (942 tU) per year. The company also expects first production soon at its Alta Mesa joint venture project in Texas, USA.**

Honeymoon first began operations in 2011 but was put on care-and-maintenance in 2013 by its then-owner Uranium One before being acquired by Boss in 2015. Boss's board approved a final investment decision to restart operations in June 2022, and major construction activities including wellfield development and the construction of a gypsum repository, water treatment and reverse osmosis plants were completed by October 2023, when wellfield pre-conditioning began. By the end of February, commissioning of the first ion exchange (IX) circuit in the processing plant had begun and operations were running 24 hours a day, seven days a week.

"Processing the first drum of uranium is a major milestone," Boss Managing Director Duncan Craib said. "As well as marking the start of production and cashflow, it shows conclusively that our mining and processing strategy is highly effective. This is pivotal because it paves the way for strong organic production growth by unlocking the value of our large resource and leveraging the infrastructure we have in place. We have also made extensive provision in the Honeymoon plant for increased throughput."

Honeymoon is already exceeding feasibility study forecasts, with uranium-rich lixiviant from the wellfields and recoveries of loaded resin in the IX column producing concentrated high-grade eluate in excess of study estimates, the company said. Now the first drum of uranium has been successfully processed, Boss said it will accelerate plans to increase the production rate and mine life at Honeymoon. The current mine plan utilises 36 million pounds of the project's total 71.6 million pounds JORC-compliant resource, half of which is already covered by the existing mining licence. The company's Uranium Mineral Export Permission is for 3.3 million pounds U<sub>3</sub>O<sub>8</sub> per year.

### Alta Mesa progress

Boss also said that first production expected at Alta Mesa is expected "within weeks". The company completed its acquisition of a 30% stake in the project from enCore Energy Corp - which manages the joint venture - for USD60 million in February. Uranium production was curtailed at the project in 2013 due to low uranium prices.

The Alta Mesa central processing plant has a capacity of 1.5 million pounds of U<sub>3</sub>O<sub>8</sub> per year. Boss said its share of production from Alta Mesa will be 500,000 pounds U<sub>3</sub>O<sub>8</sub> per year, once the project reaches steady state operations, and the project has "significant potential for further resource growth and drying capacity to expand the 1.5Mlb capacity plant after the resumption of production". ●

### UxC Consulting Spot Price (US\$)

March 31, 2024	\$88.00/lb U <sub>3</sub> O <sub>8</sub>
April 30, 2024	\$90.00/lb U <sub>3</sub> O <sub>8</sub>

**Change of + US\$2.00/lbs U<sub>3</sub>O<sub>8</sub>**

### UxC Consulting Long-Term Price (US\$)

March 31, 2024	\$75.00/lb U <sub>3</sub> O <sub>8</sub>
April 30, 2024	\$75.00/lb U <sub>3</sub> O <sub>8</sub>

**Unchanged**

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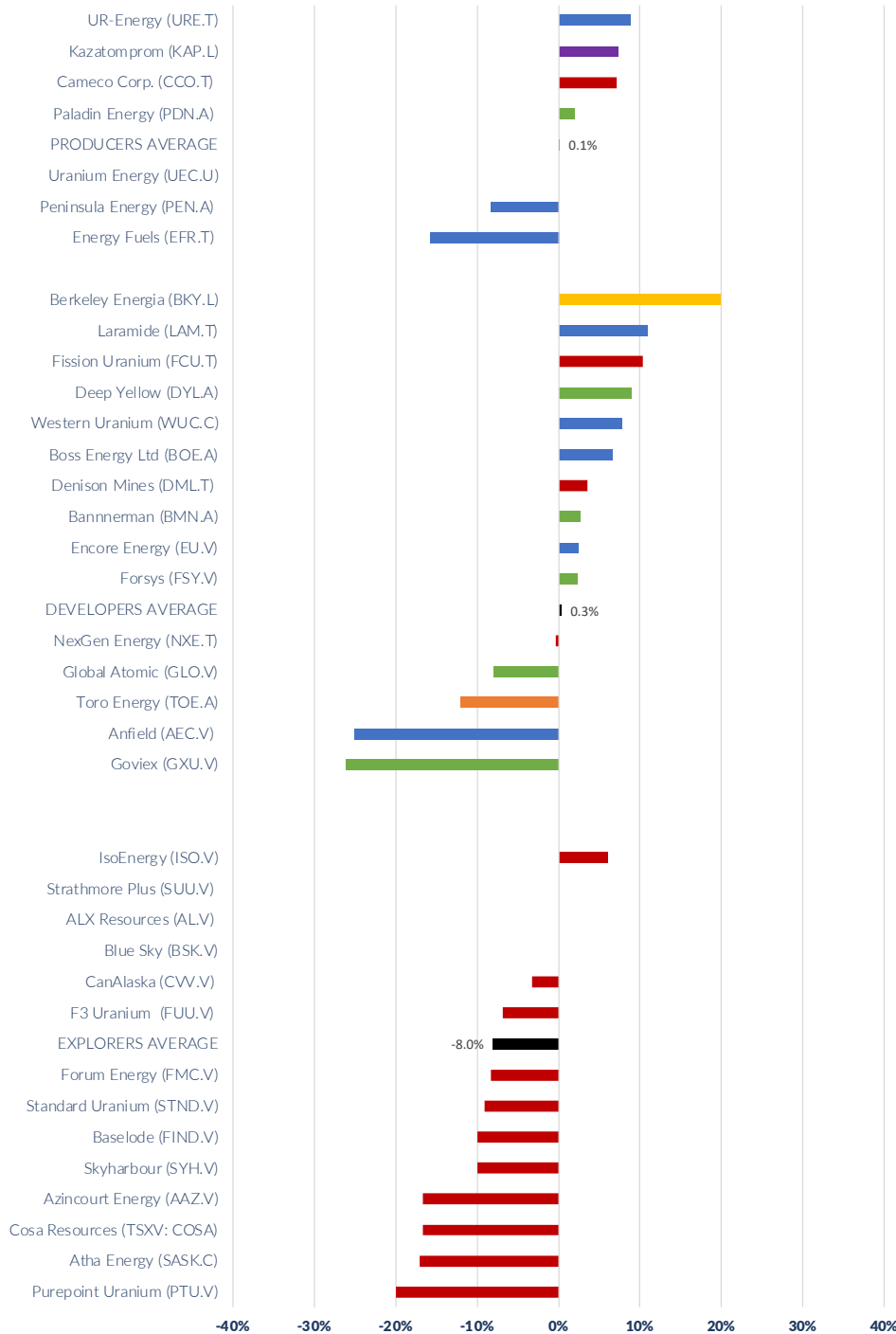
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**++ MORE INSIDE ...**

# Month over Month Uranium Stock Performance (as of April 30, 2024)

## Project Regional Focus:

Red: Canada | Blue: USA | Green: Africa | Orange: Australia | Yellow: Spain | Gray: Argentina | Purple: Kazakhstan



### Disclaimer information:

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## Monthly Uranium Exploration Update

Presented by Purepoint Uranium Group Inc. (TSXV: PTU/OTCQB: PTUUF), the Monthly Uranium Exploration Update is a monthly newsletter that gathers information on what's happening with uranium exploration companies, including its monthly exploration news, stock performances as well as the spot- and long-term uranium prices.

**Purepoint Uranium Group Inc.**  
TSXV: PTU/ OTCQB: PTUUF

Purepoint Uranium Group Inc. is a uranium exploration company focused on precision exploration of its projects in the Athabasca Basin.

Its flagship project is the Hook Lake, a joint venture with two of the largest producers in the world, Cameco Corporation and Orano Canada.

Together with its flagship project, the Company operates nine projects across 222,423 hectares of claims throughout the Athabasca Basin.

For more information, please visit: [www.purepoint.ca](http://www.purepoint.ca).

### Uranium Spotlight Podcast

A weekly podcast dedicated to keep you informed on the week's market moving news. Available in all podcast platforms and our YouTube Channel

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# Purepoint Uranium launches strategic drill program at Turnor Lake Project targeting the La Rocque structural corridor

**TSXV: PTU | OTCQB: PTUUF**

April 29, 2024

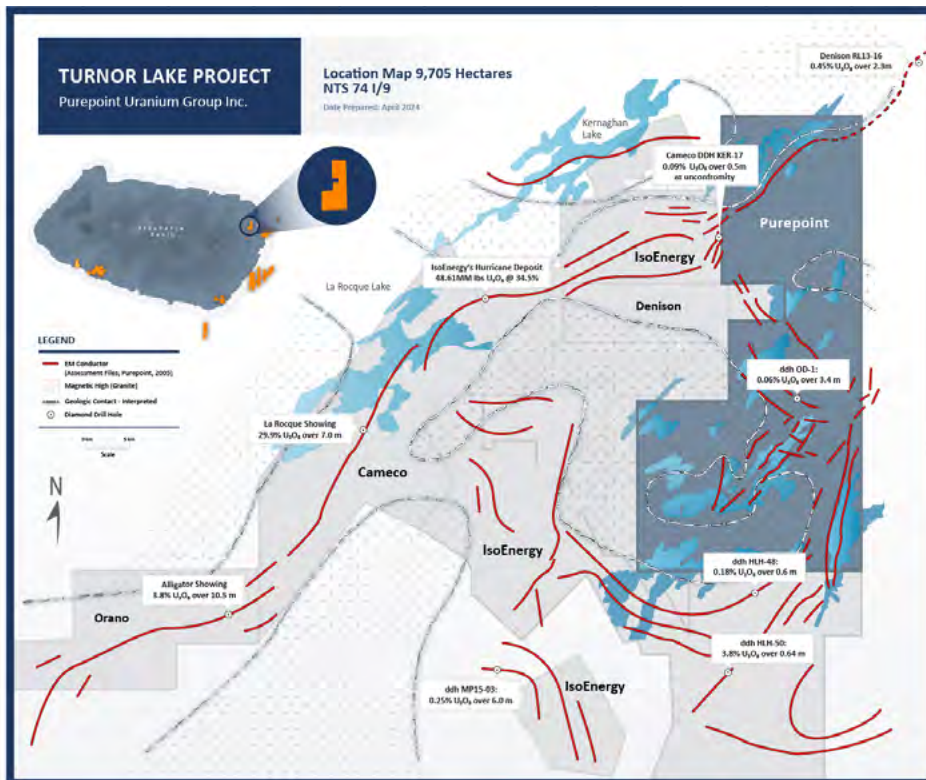
Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$20.03MM	\$0.04	\$0.075	\$0.03
Location: Athabasca Basin, Canada			

Toronto, Ontario, April 29, 2024 – Purepoint Uranium Group Inc. (TSXV: PTU) (OTCQB: PTUUF) (“Purepoint” or the “Company”), an established and active explorer in Canada’s Athabasca Basin, today announced the initiation of a comprehensive drill program at their 100%-owned Turnor Lake Project, specifically targeting the prolific La Rocque Structural Corridor.

The La Rocque Structural Corridor, known for hosting the notable high-grade Hurricane Uranium Deposit (IsoEnergy Ltd.) and the La Rocque Lake Zone (Cameco Corp.), spans a promising 7-kilometre strike length within the northern portion of the Turnor Lake project. Scott Frostad, VP of Exploration, highlighted, “Our focused approach this season aims to thoroughly explore priority targets along this key geological feature with the goal of uncovering substantial uranium mineralization akin to neighboring high-grade finds.”

### Project Highlights:

- **Drilling Scope:** Approximately 5,000 metres of helicopter-supported diamond drilling over 12 to 15 strategically placed holes.
- **Strategic Timing:** Mobilization of drill and crew is underway, with drilling activities scheduled to commence later this week.
- **Detailed Project Insights:** Further information on the Turnor Lake project can be accessed in the Company’s 2023 Portfolio Handbook, available at <https://purepoint.ca/investor/portfolio-handbook/>.



### About the Turnor Lake Project:

Occupying 9,705 hectares on the eastern side of the Athabasca Basin, the Turnor Lake Project is uniquely positioned across two major structural/conductive corridors, the LaRocque and Klapproth, that are both known for hosting significant uranium mineralization.

Noteworthy past findings along the LaRocque Corridor include Cameco’s drill hole KER-17, which intersected 0.09% U3O8 over 0.5 metres at the unconformity within sooty pyrite near the project’s western claim line—a geologic setting analogous to the nearby Hurricane uranium mineralization. Additionally, Denison Mines’ drill hole RL13-16, located 10 km west of Turnor Lake along the La Rocque Corridor, encountered 2.3 metres at 0.45% U3O8, further exemplifying the corridor’s rich uranium potential. The drill-ready LaRocque and Klapproth corridors which underscore the project’s significant exploration prospects have been corroborated by extensive airborne and ground geophysical surveys that have also delineated other notable EM conductors across the property.

As the project progresses, Purepoint remains committed to adhering to the highest standards of exploration excellence and sustainable practices, aiming to deliver significant value to our shareholders and contribute positively to the communities in which we operate.

## Purepoint Uranium discovers new Lightning Zone grading 0.29% U<sub>3</sub>O<sub>8</sub> over 0.9 m as it completes 2024 winter drill program at Hook Lake Joint Venture

**TSXV: PTU | OTCQB: PTUUF**

April 4, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$20.03MM	\$0.04	\$0.075	\$0.03
Location: Athabasca Basin, Canada			

Purepoint Uranium Group Inc. (TSXV: PTU) (OTCQB: PTUUF) (“Purepoint” or the “Company”) announced today the completion of its winter drill program at the Hook Lake Joint Venture at the Carter Corridor. The Hook Lake Project is a joint venture between Cameco Corporation (39.5%), Orano Canada Inc. (39.5%), and Purepoint (21%) and lies on trend with high-grade uranium discoveries including Fission Uranium’s Triple R Deposit and NexGen’s Arrow Deposit.

“This year’s drill program ended with a discovery of 0.9 metres of 0.29% U<sub>3</sub>O<sub>8</sub>, including 0.3 metres of 0.68% U<sub>3</sub>O<sub>8</sub>, associated with a major structure intersected by hole CRT24-10.” said Scott Frostad, Vice President Exploration at Purepoint. “Encouragingly, the basement hosted uranium mineralization is within an altered breccia matrix that borders a 10 metre wide graphitic shear. All the 2024 holes intersected anomalous radioactivity and the results continue to show the extensive 20-kilometre conductive structural zone known as the Carter Corridor remains highly prospective for an economic uranium discovery.”

### Highlights

- CRT24-10, the most northern drilled hole of the program (Figure 1), intersected a 13 metre wide zone of altered brecciation and shearing that returned 0.29% U<sub>3</sub>O<sub>8</sub> over 0.9 metres (at a true vertical depth of 375 metres), including 0.68% U<sub>3</sub>O<sub>8</sub> over 0.3 metre.
- CRT24-08A, a 200 metre step out from CRT23-05 towards the northeast, encountered a 28 metre wide graphitic shear zone with clay alteration and local brecciation between 330 and 358 metres. Mineralization was intersected within a breccia zone that returned peak radioactivity of 7,370 cps and averaged 2,760 cps over 1.4 metres.
- All the 2024 drill holes were collared northeast of CRT23-05 that intersected 0.08% U<sub>3</sub>O<sub>8</sub> over 0.4 metres within a 15 metre wide graphitic shear zone with local brecciation and intense clay alteration.
- All 2024 drill holes encountered elevated radioactivity (Table 1). With the exception of the expediated CRT24-10 analyses, all assays are still pending.

The 2024 diamond drill program was completed in four holes and one lost hole for a total of 2,332 metres to test the newly identified Lightning Zone of the Carter Corridor.

CRT24-07 was collared approximately 800 metres northeast of CRT23-05 and the unconformity was intersected at 325 metres. Weak to moderately sheared, strongly paleoweathered, diorite gneiss was encountered to a depth of 336 metres followed by an interval of weakly mineralized brecciation. An average reading of 1,040 cps over 0.7 metres with a peak reading of 1,660 cps was returned between 334.8 and 335.5 metres. The hole was completed at 461 metres.

CRT24-08A was collared approximately 200 metres northeast of CRT23-05 and 600 metres southwest of CRT24-07. The unconformity was intersected at 299 metres. A 28 metre wide graphitic shear zone with clay alteration and local brecciation, was hosted by diorite gneiss between 330 and 358 metres. A brecciation zone returned an average reading of 2,760 cps over 1.4 metres with a peak reading of 7,370 cps. A 19 metre wide zone of brecciated graphitic diorite gneiss with weak shearing was then encountered between 393 and 412 metres. The hole was completed at 527 metres.

CRT24-09 was collared 50 m behind CRT24-08A on the same section line and the unconformity was intersected at 305 metres. Three graphitic shear zones, ranging between 6 and 15 metres in width and hosted by sericitized granodiorite, were encountered between 470 and 531 metres. Although the downhole gamma probe returned anomalous radioactivity from the hole (Table 1), the radioactivity is not associated with the structures intersected and may be mainly attributed to thorium. The hole was completed at 581 metres.

CRT24-10 was collared approximately 1,600 m northeast of hole CRT23-05 and the unconformity was intersected at 354 m. A major structure, consisting of an 8 metre wide zone of brecciated and altered graphitic diorite gneiss followed by 5 metres of strong graphitic shearing, was encountered starting at 430 metres. The brecciated zone hosted 0.29% U<sub>3</sub>O<sub>8</sub> over 0.9 metres from 430.6 to 431.5 metres and included 0.68% U<sub>3</sub>O<sub>8</sub> over 0.3 metres. The hole was completed at 539 metres.

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# Purepoint Uranium discovers new Lightning Zone grading 0.29% U3O8 over 0.9 m as it completes 2024 winter drill program at Hook Lake Joint Venture

**TSXV: PTU | OTCQB: PTUUF**

April 4, 2024

Table 1: Downhole Total Gamma Results of 2023 Carter Corridor Holes

Hole Number	From (m)	To (m)	Width (m)	Avg. cps	Max. cps.
CRT24-07	334.8	335.5	0.7	1,040	1,660
CRT24-08A	335.7	336.3	0.6	1,110	1,710
	339.1	340.5	1.4	2,760	7,370
	444.5	445.0	0.5	900	1,150
CRT24-09	337.7	338.5	0.8	760	840
	451.8	452.3	0.5	1,060	1,480
CRT24-10	410.0	410.8	0.8	1,540	2,640
	430.3	431.4	1.1	4,310	9,420
	435.1	435.6	0.5	910	1,060
	441.7	442.2	0.5	1,000	1,300

The most recent National Instrument 43-101 compliant technical report on the flagship Hook Lake Joint Venture project can be found at <https://purepoint.ca/projects/hook-lake/> - "Technical Report on the Hook Lake Project, Northern Saskatchewan, Canada April 19, 2022".

## Hook Lake - The Carter Corridor

The Hook Lake JV Project is owned jointly by Cameco Corp. (39.5%), Orano Canada Inc. (39.5%) and Purepoint Uranium Group Inc. (21%) as operator and consists of nine claims totaling 28,598 hectares situated in the southwestern Athabasca Basin. The Hook Lake JV Project is considered one of the highest quality uranium exploration projects in the Athabasca Basin due to its location along the prospective Patterson Lake trend and the relatively shallow depth to the unconformity.

The Patterson Lake area was recently flown by an airborne gravity survey (Boulanger, Kiss and Tschirhart, 2019) that was funded by the Targeted Geoscience Initiative (TGI), a collaborative federal geoscience program. The gravity results show the southern portion of the Carter corridor as being associated with the same gravity high response as the Triple R and Arrow uranium deposits. The gravity low response west of the Carter corridor reflects the geologically younger, Clearwater Domain intrusions. The TGI (Potter et al., 2020) considers the Clearwater Domain intrusions as being high-heat-producers that warmed and circulated hydrothermal fluids over the structural corridors. Prolonged interaction of oxidized uranium-bearing fluids with basement rocks via reactivated faults is thought to have formed the high-grade uranium deposits.

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$20.03MM	\$0.04	\$0.075	\$0.03
Location: Athabasca Basin, Canada			

Figure 1: Location Map of Lightning Zone Discovery

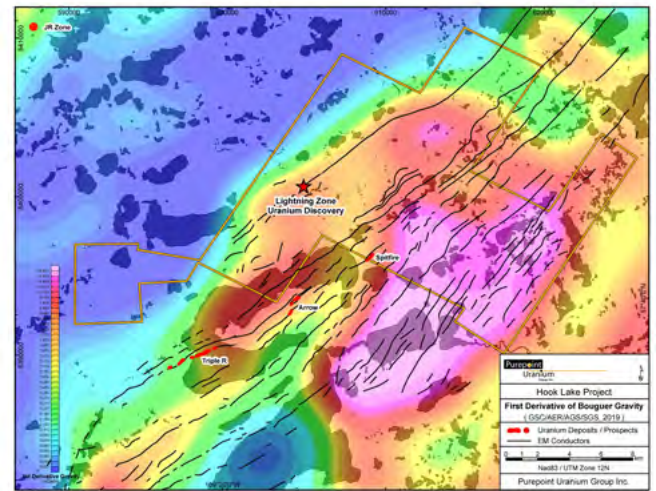
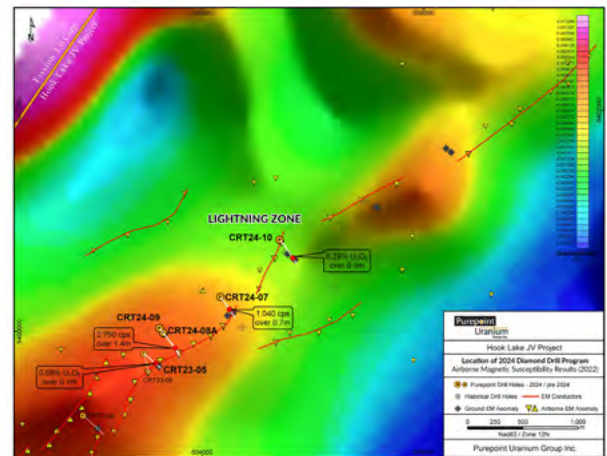


Figure 2: 2024 Diamond Drill Program



## Gamma Logging and Geochemical Assaying

A Mount Sopris 2PGA-1000 downhole total gamma probe was utilized for radiometric surveying. The total gamma results provided in Table 1 were selected using a cutoff of 750 cps over a 0.3 metre width. Core sampling is facilitated using a RS-125 Handheld Gamma-Ray Spectrometer that provides a readout of equivalent % K, ppm of U and Th. All drill intercepts are core width and true thickness is yet to be determined.

Core samples are submitted to the Saskatchewan Research Council (SRC) Geoanalytical Laboratories in Saskatoon. The SRC facility is ISO/IEC 17025:2005 accredited by the Standards Council of Canada (scope of accreditation #537). The samples are analyzed using partial and total digestion inductively coupled plasma methods, for boron by Na2O2 fusion, and for uranium by fluorimetry.

## Skyharbour partner Tisdale completes first 2 drill holes at South Falcon East

**TSXV: SYH**

April 1, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$82.14MM	\$0.45	\$0.64	\$0.33
Location: Athabasca Basin, Canada			

Skyharbour announced partner company Tisdale completed 442m drilled in the first two drill holes at the South Falcon East Uranium Project, with phase two slated to commence this spring. Hole SF-0059 was completed to a depth of 221m and intersected multiple zones of mineralization over 13.5m, confirming the presence of mineralization in the vicinity of historical hole FP-15-05. Hole SF-0059 intersected 0.02% eU3O8 over 5.6m from 129.65m to 135.25m, including 0.07% eU3O8 over 1.1 m from 131.75m to 132.85m, as well as 0.03% eU3O8 over 4.1m from 137.65m to 141.75m including 0.11% eU3O8 over 0.2m from 138.15m to 138.35m.

The second drill hole of the program, SF-0060, was targeted to test for an extension of the mineralization in historical hole FP-15-05 along strike to the northeast of the mineralized intercept of FP-15-05. Hole SF-0060 was completed to a depth of 221m. Hole SF-0060 returned 0.02% eU3O8 over 1.3m from 142.15m to 143.45m, including 0.05% eU3O8 over 0.1m from 142.55m to 142.65m.

## Skyharbour and JV partner Orano commence 2024 exploration programs at the Preston Uranium Project

**TSXV: SYH**

April 4, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$82.14MM	\$0.45	\$0.64	\$0.33
Location: Athabasca Basin, Canada			

Skyharbour announced that its JV partner Orano has commenced a 2024 field campaign at Preston. The program will include a ground electromagnetic survey (ML-TEM), a ground gravity survey, and a Spatiotemporal Geochemical Hydrocarbons (SGH) soil sampling program.

The 2024 field programs mark the first exploration programs carried out by Orano since 2020. The geophysics will consist of ground Moving-Loop Transient ElectroMagnetic (ML-TEM) and ground gravity surveys for an estimated 35.6 line-km and 2,295 stations, respectively. The ML-TEM survey will cover Preston West where there is a known conductor, and Preston Far West as a reconnaissance survey. The gravity survey will cover an area with intentions to identify alteration zones manifesting as gravity lows. The SHG soil sampling is set to commence later in the summer with additional news forthcoming. The budget for the 2024 campaign is approx. CAD \$850,000 with Orano as the operator and Skyharbour as a minority, participating partner in the project.

## Fission announces new exploration and re-source drill programs at PLS

**TSX: FCU**

April 4, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$934.66MM	\$1.08	\$1.33	\$0.54
Location: Athabasca Basin, Canada			

Fission Uranium announced that preparations are underway for a two-prong drill program at PLS with concurrent regional exploration as well as deposit upgrading.

A 15-hole (~6,650m) regional drill program will follow up on the highest priority target areas identified during the recent winter exploration program. Additionally, a 19-hole (~5,830m) program will focus on in-fill drilling the R1515W high-grade zone with the primary goal of upgrading the resource classification of the majority of the zone's Inferred Resources to Indicated for inclusion of the R1515W in the current mine plan. Drilling is expected to commence in early May.

## ATHA Energy announces 2024 Gemini Project exploration program

**TSXV: SASK**

April 11, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$189.63MM	\$0.68	\$1.81	\$0.64
Location: Athabasca Basin, Canada			

ATHA Energy announced plans for its 2024 Gemini Project Exploration Program. The Company will deploy a three phased exploration approach.

Phase I Geophysics will provide additional data needed to identify areas of expansion at GMZ and de-risk regional targets within the GMZ Trend. Phase II Target Development and Diamond Drilling Optimization compiles all available data collected during exploration programs at the Gemini Project. The comprehensive data set will then be used in development of 3D geological model and coupled with machine learning technologies to further enhance and de-risk targets. Phase III Diamond Drilling will target expansion of the mineralized footprint at GMZ and discovery of additional zones of uranium mineralization within the GMZ Trend. Phases I and II are currently ongoing and are anticipated to be finalized by end of Q2, 2024. Phase III is scheduled to commence in mid-Q3, 2024, with preparations already underway.

## Standard Uranium completes inaugural drilling at Atlantic Project

**TSXV: STND**

April 11, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$11.53MM	\$0.05	\$0.09	\$0.02
Location: Athabasca Basin, Canada			

Standard Uranium announced that inaugural drilling activities are now complete at the Company's 3,061-hectare Atlantic Project.

The Project is currently under option to ATCO Mining Inc., an arms-length company listed on the CSE (ATCM) who funded the program and completed 3,316 metres drilling within 5 drill holes. Anomalous radioactivity (>300 cps) was intersected in all five of the Company's inaugural drill holes at the Atlantic Project, coinciding with prospective structural zones and favorable alteration including dravite-rich clays.

Supplementary geophysical surveys over the central claim blocks will provide further target areas for phase II and III drilling, along with the additional untested gravity low anomalies on the western block identified in 2022.

## Forum's ANT survey establishes new drill targets

**TSXV: FMC**

April 15, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$31.03MM	\$0.11	\$0.20	\$0.05
Location: Thelon Basin, Nunavut, Canada			

Forum Energy announced that it has reviewed initial data processed from its Ambient Noise Tomography (ANT) survey conducted over the Tatiggaq anomaly during the summer of 2023. The survey successfully established new drill targets over a one plus kilometer east-northeast extension along the Tatiggaq fault zone, which hosts the high-grade Tatiggaq uranium discovery at Forum's 100% owned Aberdeen Project in the Thelon Basin, Nunavut. The ANT survey is a passive seismic technique that detects seismic waves by natural sources like ocean wave action that is then used to image the subsurface.

### Highlights:

- New ANT survey data has potentially imaged the depth and location of the metasedimentary bodies that host the mineralization.
- The steep-dipping ore controlling structures have been imaged by the ANT survey and will help greatly with targeting throughout the anomaly both along strike but also along sub-parallel structures.
- The ANT survey suggests that potential additional mineralized bodies to the east-northeast are at similar depth to the known mineralization to date (<200 m)
- ANT surveys were also conducted on both the Ned and Bjorn anomalies and are currently being processed with results expected by June.

### F3 intersects radioactivity across multiple zones

**TSXV: FUU**

April 16, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$196.47MM	\$0.42	\$0.54	\$0.255
Location: Queensland and Northern Territory, Australia			

F3 Uranium announced the completion of the first 30 drill holes (totaling 12,100 meters) of its 2024 winter drill program. JR Zone has continued to yield high grade intercepts, such as PLN23-137 which intersected mineralization within a 18.5m interval including 1.25m of composite off-scale mineralization (>65,535 cps), while the Company's focus has expanded to the discovery of additional mineralized zones along the A1 and B1 structures, with numerous radioactive intercepts along both shears, generating additional drill targets.

### CanAlaska stakes 58,747 hectare Intrepid East and West Projects

**TSXV: CVV**

April 17, 2024

Market Cap	Price as of 03/31/24	52-Week High	52-Week Low
\$95.47MM	\$0.59	\$0.79	\$0.29
Location: Athabasca Basin, Canada			

CanAlaska announced the Company's newly acquired Intrepid East and Intrepid West projects totalling 29,258 and 29,489 hectares, respectively. The Intrepid projects are located in the northeastern Athabasca Basin, approximately 20 kilometres north of the high-grade Hurricane Uranium Deposit.

These new projects are part of CanAlaska's ongoing project generator business and the Company will seek strategic partners to advance these and other CanAlaska-owned assets.

### ATHA options Plateau and Ledge properties to Inspiration Energy

**TSXV: SASK**

April 24, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$189.63MM	\$0.68	\$1.81	\$0.64
Location: Athabasca Basin, Canada			

ATHA Energy announced that it has entered into an agreement with Inspiration Energy Corp. whereby ATHA has granted Inspiration an exclusive option to acquire an undivided 70% interest in each of ATHA's Plateau and Ledge properties.

In accordance with the terms of the Option Agreements, Inspiration can earn a 70% undivided interest (subject to underlying 2.0% NSR royalties on each property agreed to by the parties) in the Plateau Property and Ledge Property through the issuance of 4,330,228 common shares of the Company to ATHA and incurring a total of \$8,000,000 on exploration expenditures broken down in phases. Additionally, ATHA is entitled to anti-dilution protection during the option period, such that the number of common shares issuable will be adjusted upwards to maintain a 9.0% shareholder interest upon any issuance of new common shares by Inspiration out of treasury. The anti-dilution feature will not be triggered by any shares issued upon exercise of outstanding stock options, warrants or other convertible securities.



## Cosa Resources announces completion of inaugural drilling at Ursa Uranium Project

### TSXV: COSA

April 24, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$7.44MM	\$0.35	\$0.66	\$0.26
Location: Athabasca Basin, Canada			

Cosa Resources announced the completion of the winter 2024 diamond drilling program at its 100% owned Ursa uranium Project.

#### Highlights

- Three holes totalling 3,438 meters completed at the Kodiak target area
- Drill hole UR24-03 intersected structures, hydrothermal alteration and minor sulphide mineralization in the Athabasca sandstone several hundred metres above the unconformity
- High-strain ductile basement fabrics with late brittle overprint were identified
- Sufficient supplies and equipment have been mobilized to conduct an expanded summer program

## IsoEnergy provides winter exploration update

### TSXV: ISO

April 25, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$716.44MM	\$3.85	\$5.40	\$2.34
Location: Athabasca Basin, Canada			

IsoEnergy provided an update on the results of winter 2024 exploration work on its eastern Athabasca Basin uranium properties.

A total of 7,227 metres of drilling in 13 diamond drill holes on the Larocque East and Hawk projects confirmed ambient noise tomography (ANT) low velocity anomalies and identified new targets planned for testing during the summer exploration program set to commence in June 2024.

Additional ANT surveys and diamond drilling are planned at Larocque East during the summer program. The ANT surveys are expected to cover the eastern extension of the highly prospective Hurricane conductor corridor and data acquisition will begin in Area D immediately east of the winter drilling where prospective clay mineralogy and structure are recorded in historic diamond drill holes.

Drilling is being planned to follow-up encouraging winter results in Area A, and will also target areas B, C and D. Drilling plans for Area D are expected to evolve as velocity models are interpreted from newly acquired ANT data.

## ALX intersects additional uranium mineralization at Gibbons Creek Uranium Project

### TSXV: AL

April 25, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$6.22MM	\$0.025	\$0.04	\$0.02
Location: Thelon Basin, Nunavut			

ALX Resources announced the completion of the 2024 winter drilling program at its 100%-owned Gibbons Creek Uranium Project.

The 2024 drilling program was designed to test for continuity of uranium mineralization first discovered in 1979 by Eldorado Nuclear and by ALX in 2015. Five holes totaling 849.44 metres were completed. Four of the five holes intersected uranium mineralization at or near the unconformity, based upon hand-held scintillometer readings on drill core, downhole gamma probe results, and visual observation of uranium minerals by ALX's geological team. Mineralization found in the 2024 drilling was intersected in two areas located 500 metres apart within a target area that ALX defined in late 2023 by carrying out a high-resolution magnetic survey and a Soil Gas Hydrocarbon ("SGH") survey.

## Standard Uranium prepares to mobilize for JV partner funded inaugural drill program at Canary Project

**TSXV: STND**

April 29, 2024

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$11.53MM	\$0.05	\$0.09	\$0.02
Location: Athabasca Basin, Canada			

Standard Uranium announced that drilling and mobilization plans have been finalized for the inaugural drill program on the 7,302-hectare Canary Project. The Project is currently under a three-year earn-in option agreement with Mamba Exploration Limited.

Approximately 1,000-1,500 metres planned across 3-4 drill holes, targeting shallow high-grade unconformity-related uranium mineralization.

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## WORLD NUCLEAR POWER REACTORS

Source: [World Nuclear Association](#)

As of April 30, 2024	Operable	Under Construction	Planned	Proposed	Tonnes U Required
Global Reactor Count	440	60	92	343	67,517
World GWe	395,269	67,031	89,742	364,050	

### TOP GLOBAL NEWS FOR THE MONTH

**April 3, 2024: Rio Tinto to manage Ranger rehabilitation**

Energy Resources of Australia (ERA) has appointed majority owner Rio Tinto to manage the rehabilitation of the former Ranger uranium mine in Australia’s Northern Territory. [Read more here.](#)

**April 10, 2024: Anfield applies to restart Shootaring Canyon mill**

Anfield Energy Inc has submitted its production reactivation plan for the Shootaring Canyon uranium mill to the State of Utah’s Department of Environmental Quality. [Read more here.](#)

**April 18, 2024: China’s nuclear power share in energy mix on the rise**

Nuclear power generating capacity in China is expected to continue increasing in the coming years with its share in the country’s energy mix set to keep climbing. [Read more here.](#)

**April 23, 2024: China to revise atomic energy law to promote nuclear power development, Xinhua says**

China will revise its atomic energy law to promote the safe development of nuclear power [Read more here.](#)

**April 23, 2024: ‘Uranium miner ignored Govt’s license conditions’**

Minister of agriculture, water and land reform Calle Schlettwein says Russian company Uranium One Group, which aims to start a uranium mining venture near the Stampriet Aquifer, has ignored the authorities’ recommendations to attain a water permit. [Read more here.](#)

**April 26, 2024: German ministers quizzed over nuclear phase out ‘deception’**

A political magazine alleged that the Economy Ministry hid expert advice supporting the extension of Germany’s remaining nuclear power plants. [Read more here.](#)

**April 26, 2024: Joint NASEO, NARUC report suggests nuclear options amid coal closures**

As the U.S. energy industry moves further from coal as a resource, many options have arisen as replacements. [Read more here.](#)

**April 26, 2024: Grid challenges add to need for more nuclear**

Massive growth is expected in the global demand for electricity, which will require an expansion of both generation and the transmission system. [Read more here.](#)

**April 29, 2024: Italy sees role for nuclear in hitting climate goals**

Italian Energy Minister Gilberto Pichetto Fratin said he hopes there can be a discussion based on science about the renewed role of nuclear, specifically small modular reactors, in the country’s future. [Read more here.](#)

## Purepoint Uranium Video Series TSXV: PTU | OTCQB: PTUUF

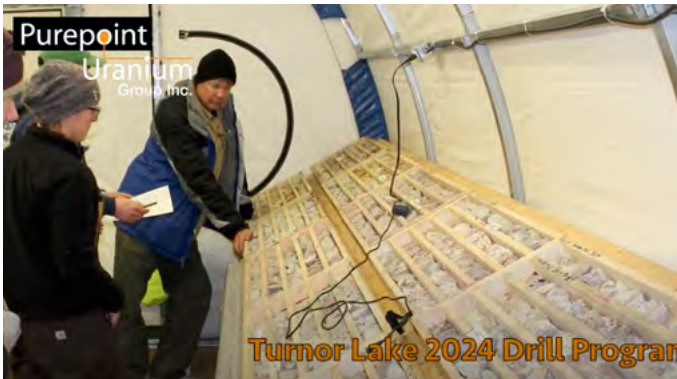
Follow Purepoint's [YouTube channel](#) to view updated content or simply visit: <https://purepoint.ca/videos/>

Market Cap	Price as of 04/30/24	52-Week High	52-Week Low
\$20.03MM	\$0.04	\$0.075	\$0.03
Location: Athabasca Basin, Canada			

## Turnor Lake Drill Program Update - May 2024

Purepoint Uranium announced the initiation of a comprehensive drill program at the 100%-owned Turnor Lake Project, specifically targeting the prolific La Rocque Structural Corridor, a geologically significant feature in the region, known for its rich uranium mineralization.

Click on image below or [here to view full video](#).



## Russell South Exploration Update - April 2024

Russell South is 20 kms east-northeast of Cameco's Key Lake mine and adjoins prominent uranium projects including Rio Tinto's Russell Lake property and Skyharbour Resources Inc's Moore Lake project.

Click on image below or [here to view full video](#).



## Purepoint Outlines 2024 uranium exploration activities

In April 2024, Chris Frostad, President and CEO of Purepoint Uranium, outlined a schedule of exploration activities and announcements for the next six months.

Click on image below or [here to view full video](#).



## Athabasca Basin Discovery Potential with Tier-1 Backing

The uranium market is heating up, driven by growing global demand for clean, reliable baseload power. As utilities scramble to secure long-term supply contracts and the uranium price continues to rise, Purepoint is well-positioned to capitalize on the upswing.

Click on image below or [here to view full video](#).



TSXV: PTU | OTCQB: PTUUF



**Carefully Assembled  
 Athabasca Basin Portfolio**

Advancing drill ready projects strategically situated in the world's richest uranium region

**Partnered with Two of the World's  
 Largest Uranium Suppliers**



**Advancing Several Projects  
 Towards a Discovery**

- Drilling at Hook Lake: Q1-2024
- Geophysical work at Smart Lake & Russell South: Q2-2024
- Drilling at Turnor Lake: Q2-2024
- Airborne survey at Tabbenor: Q2-2024
- Drilling at Red Willow: Q3-2024

