

MONTHLY ATHABASCA BASIN EXPLORATION UPDATE

February 2020

Uranium Snapshot: Energetic Juniors with attractive assets

Source: [The Northern Miner](#)
 January 28, 2020

While the price of uranium suffered a steep decline after the 2011 Fukushima Daiichi nuclear accident, growing pressures to decarbonize power generation provide support for the commodity, which is currently priced at cyclical lows. Below, we provide an overview of eight companies active in uranium exploration and development.

Purepoint Uranium

Purepoint Uranium Group (TSXV: PTU) is an Athabasca basin-focused uranium explorer that holds 10 active projects within the basin.

The Hook Lake project, located within the Patterson uranium district, is jointly owned by Purepoint (21%), Cameco (at 39.5%) and Orano Canada (a private French company, with a 39.5% stake). The 286 sq. km project features the high-grade Spitfire discovery and has been operated by Purepoint since 2007. Three prospective structural corridors have been found on the property.

This year, exploration at Hook Lake will involve drilling targets that were identified last year through airborne gravity surveying, as well as additional electromagnetic surveys.

Purepoint also holds a 27% interest in the Smart Lake project, as part of a joint venture with Cameco. The 98.6 sq. km property sits in the southern part of the Athabasca basin and hosts the Athabasca unconformity at depths of less than 350 metres. Magnetic patterns at Smart Lake appear to show an extension of the patterns underlying the Shea Creek deposit (UEX [TSX: UEX] 49.1%; 50.9%, French-owned AREVA) located 55 km north.

In addition, Purepoint wholly owns the Red Willow project, located on the northern edge of the basin. The 401.2 sq. km property is within 10 km of Cameco's Eagle Point deposit. Geophysical surveys on the property have outlined over 70 km of conductors that indicate favourable rock characteristics, with 21 exploration targets identified.

The 100%-owned Turnor Lake property covers 97 sq. km and lies in the eastern part of the Athabasca basin. The graphitic conductors at this project are associated with uranium showings on adjoining properties. Turnor Lake is close to Rio Tinto's Roughrider deposit and Denison Mines' Midwest and McClean Lake projects.

Purepoint's 122 sq. km Umfreville project overlies prospective crosscutting faults, with a number of drill targets identified at the site. In addition, the company's Henday Lake property is near the Roughrider and Midwest Lake deposits.

The junior's undrilled McArthur East project, which adjoins Cameco's McArthur River project, features a prospective conductor identified through airborne geophysics.

An assessment of the historic work at the company's Rene Lake, Shearwater and Langley Lake projects is underway, with initial exploration plans for the properties to follow.

Purepoint Uranium has a \$12.3-million market capitalization.

Other companies listed on the article: Appia Energy, Blue Sky Uranium, Denison Mines, Energy Fuels, Global Atomic, Uranium Energy and Uranium Royalty.

To read full article, [click here](#).

UxC Consulting Spot Price (US\$)	
December 31, 2019	\$24.93/lb U ₃ O ₈
January 31, 2020	\$24.76/lb U ₃ O ₈
Change of -\$0.17/lb U₃O₈	
UxC Consulting Long-Term Price (US\$)	
December 31, 2019	\$32.00/lb U ₃ O ₈
January 31, 2020	\$32.00/lb U ₃ O ₈
Unchanged	

Key Basin Announcements

01-08-2020: Azincourt Energy receives permits for upcoming drill program at the East Preston Uranium Project

01-16-2020: Skyharbour plans upcoming 2,500m winter program at its Moore Uranium Project

01-20 -2020: UEX 2020 exploration program commence at Christie Lake; new mineralized structure discovered at McLean South

01-23 -2020: IsoEnergy begins winter drilling program, at the Hurricane Uranium Zone

01-30-2020: CanAlaska starts drilling at West McArthur Uranium Project

PDAC 2020 March 1 - 4, 2020



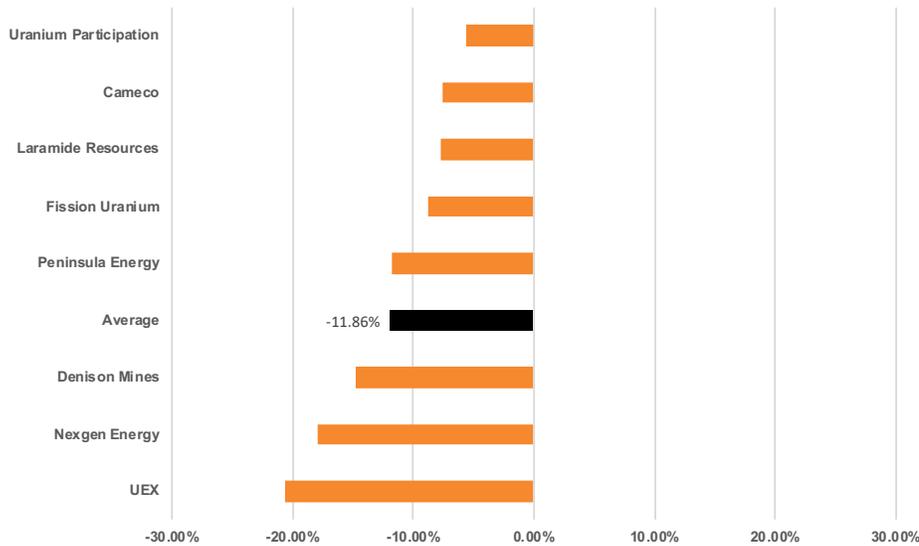
2020 EXHIBITOR

Visit Purepoint's team at booth 2636

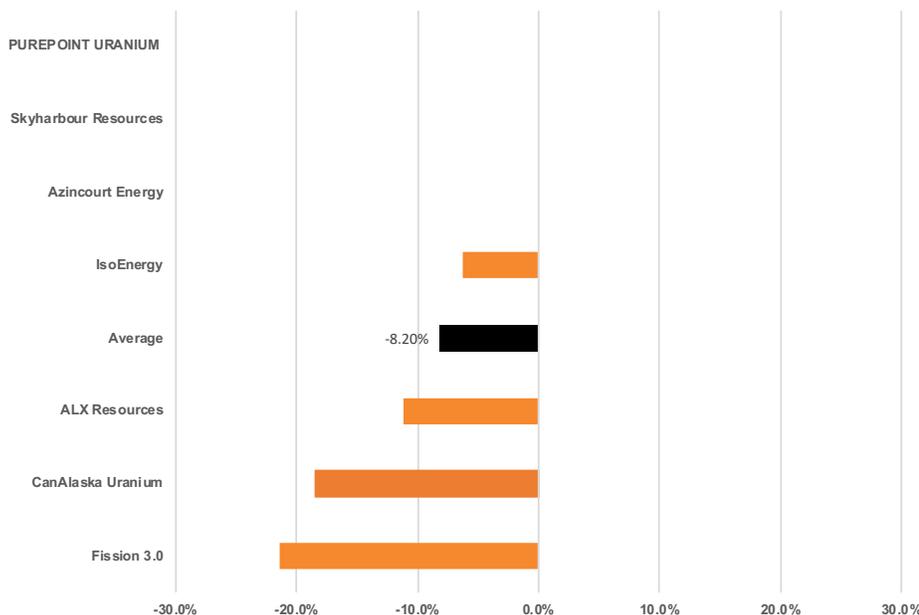
Metro Toronto Convention Centre
 222 Bremner Blvd, Toronto

Month over Month Uranium Stock Performance (as of January 31, 2020)

Producing, Development & Advanced Exploration Companies



Athabasca Basin Exploration Companies



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Monthly Athabasca Basin Exploration Update

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

Purepoint Uranium Group Inc. TSXV: PTU

Purepoint Uranium Group Inc. is a uranium exploration company focused on precision exploration and with ten 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.

An exploration budget for \$2million for 2020 has been set to include up to 3,500 m drilling at Hook Lake.

For more information, please visit:
www.purepoint.ca.

Be in the Know

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Azincourt Energy receives permits for upcoming drill program at the East Preston

TSXV: AAZ

01-08-2020

Market Cap	Price as of 01/31/20	52-Week High	52-Week Low
\$ 3.79MM	\$0.025	\$0.065	\$0.02

Azincourt Energy confirm all relevant permits have been received for the upcoming 2020 winter diamond drilling program at the 25,000+ hectare East Preston Uranium Project, located 50km southeast of Patterson Lake, in the Western Athabasca Basin, northern Saskatchewan, Canada.

Bryson Drilling has been contracted for the winter 2020 drill program, under the guidance and supervision of Azincourt director Ted O'Connor, M.Sc., P.Geo, and Jarrod Brown, M.Sc., P.Geo, Chief Geologist and Project Manager with TerraLogic Exploration.

Road construction to the main camp began in December, and work was on time and progressing rapidly before the holiday break. Road opening resumed on Monday, January 6, with the push beyond camp to the first drilling area scheduled for next week. The drill rig is expected to begin mobilization sometime this week with the commencement of the drill program anticipated to begin later in the month.

The proposed approximately \$1.2M CDN drill program will focus on prospective targets in the Five Island Lakes area with 2000-2500m (up to 15 holes) of diamond drilling at up to 10 pad locations. The majority of proposed holes will test multiple subparallel EM conductors (A-zone and B-zone conductor corridors), in an area of marked structural disruption. Portions of the A-zone were drilled during the 2019 winter campaign verifying that the conductor hosts significant graphite in strongly deformed (sheared) host rocks that offer both fluid pathways and a reducing host rock conducive to uranium deposition.

Initial drilling is also proposed for the Swoosh zone, a 7+ km long east-west structural lineament with strongly anomalous, spatially consistent geochemical anomalies (lake sediments, radon, soil) and coincident magnetic and gravity geophysical anomalies. Two holes are proposed for this area near the upstream terminus of the geochemical anomalies. This zone is located along strike - approximately 5km southwest of the A-zone.

Skyharbour plans upcoming 2,500m winter drill program at its Moore Uranium Project

TSXV: SYH

01-16-2020

Market Cap	Price as of 01/31/20	52-Week High	52-Week Low
\$ 10.24MM	\$0.16	\$0.435	\$0.145

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UEX 2020 exploration program commence at Christie Lake; new mineralized structure discovered at McLean South

TSX: UEX

01-20-2020

Market Cap	Price as of 01/31/20	52-Week High	52-Week Low
\$45.33MM	\$0.115	\$0.195	\$0.105

UEX will be commencing its 2020 exploration program at Christie Lake in mid-February. UEX will be focusing the majority of its efforts at Christie Lake in the Ōrora North Area in 2020.

In 2019, the Company completed a property-wide DC Resistivity survey that defined a strong and wide anomaly (the Ōrora North Resistivity Anomaly) similar in nature to the resistivity anomalies occurring over the Ken Pen and Paul Bay Deposits. The Ōrora North Resistivity Anomaly is located north of and parallel to the Yalowega Trend, which led to the interpretation that the Ōrora mineralized trend may be offset by a north-trending fault. Subsequent drilling of three holes in the Fall of 2019 at the southwest end of the Ōrora North Resistivity Anomaly defined a northwest-oriented fault structure that contained strong hydrothermal alteration and thick dravite veining, features observed in the three known uranium deposits at Christie Lake (see UEX News Release dated October 29, 2019).

Recently received geochemical results from samples collected from within the altered fault structure in the sandstone column of these three holes show substantial geochemical enrichment of uranium over wide intervals extending as much as 250 m above the unconformity. The uranium enrichment in each hole ranges from 3 ppm to 12 ppm uranium over core lengths of 98-180 m, reaching as high as 44.3 ppm U in one sample. Athabasca uranium explorers consider 1-2 ppm uranium in the sandstone-hosted structures to be of exploration interest. Such sandstone uranium enrichment is often found close to uranium deposits.

To assist the Company in refining drill targets later this year, UEX is undertaking a Phase I geophysical exploration program comprised of a fixed loop electromagnetic survey ("EM") focused on the Ōrora North area. Additional EM will be completed in the southern half of the B Conductor area. A total of 63 line-km of EM surveying will be completed this winter.

A Phase II program is planned that will consist of diamond drilling in the Ōrora North area to follow-up the 2019 drilling program after the Company interprets the results of the EM survey.

JCU (Canada) Exploration Company Limited ("JCU"), a partner in the Christie Lake Joint Venture, will be diluting their interest in the project as UEX agreed to contribute JCU's share of all 2020 expenditures.

New Mineralized Structure Discovered at McClean South

UEX completed 3,318 m of drilling in 10 holes in the fourth quarter of 2019 at the McClean South area of the Hidden Bay Project. The McClean South area is located immediately adjacent to and south of Orano's McClean Lake Operation on-strike of the mined-out Sue Uranium Deposits. The Sue Deposits are a cluster of five uranium deposits that occur over a north-south strike length of 1.7 km hosted within the Sue Fault structure. The southernmost Sue Deposit, Sue E, was mined by open pit. The pit's margins are located within 50 m of the property boundary.

The UEX 2019 drill program successfully intersected two east-north-east oriented fault structures between the Sue and Telephone Faults. Hydrothermal alteration was encountered in both faults. One hole, MCS-009, encountered 0.34% U₃O₈ over 0.4 m from 183.2 m to 183.6 m within an east-north-east fault approximately 40 m east of the north-east trending Telephone Fault. The mineralization in MCS-009 is very encouraging as it indicates that not only are the linking east-north-east linking structures present, they also have the potential to host uranium mineralization.

The Company will be further evaluating the results of the 2019 program at McClean South in advance of a future drill program.

IsoEnergy begins winter drilling program at the Hurricane Uranium Zone

TSXV: ISO

01-23-2020

Market Cap	Price as of 01/31/20	52-Week High	52-Week Low
\$28.45MM	\$0.375	\$0.79	\$0.35

IsoEnergy reported that an aggressive winter drilling program has commenced at the Hurricane zone. The Hurricane zone is a new discovery of high-grade uranium mineralization on the Company's 100% owned Larocque East property (the "Property") in the Eastern Athabasca Basin of Saskatchewan.

Drilling Program Summary:

- 8,500 metres planned in approximately 20 drill holes
- Infill drilling to further define 500m long mineralized trend
- Expansion drilling to evaluate potential to expand along-strike both east and west

One drill will infill the current 500 m long footprint of the Hurricane zone and attempt to expand it to the west, where a 75m gap remains between the westernmost drill hole (LE19-12) and the property boundary. Drill hole LE19-12 intersected 3.2% U3O8 and 2.1% Ni over 8.5m in 2019. Most cross-sections remain open, including section 4635E where drill hole LE19-16A intersected 5.4% U3O8 over 7.0 m. Infill drilling will also target along-strike gaps of up to 250 m between drill sections.

The second drill will evaluate the potential to expand the zone to the east. This will include following up on the strong alteration and elevated geochemistry and radioactivity in step-out drill hole LE19-26 (Figure 4), the only drill hole completed by the Company to date that is beyond the 500m long Hurricane zone footprint. Results from a DC-Resistivity geophysical survey completed in the summer of 2019 support the highly prospective nature of the area, which extends for several kilometres to the east. Drilling metres and holes are expected to be split approximately equally between both objectives. Results of the program will be reported periodically through the winter.

CanAlaska starts drilling at West McArthur Uranium Project

TSXV: CVV

01-30-2020

Market Cap	Price as of 01/31/20	52-Week High	52-Week Low
\$11.51MM	\$0.20	\$0.375	\$0.12

CanAlaska reported that crews have resumed drilling at the West McArthur uranium project. The project is a joint venture with Cameco, controlled and operated by CanAlaska. The 2019 drill program successfully extended the discovery footprint of holes drilled by Cameco during their recent work programs on the property. The mineralization, containing high-grade uranium as well as base metal mineralization, is similar in character to the nearby high-grade Fox Lake uranium deposit of Cameco and Orano. Drilling in the winter will focus on a 300 metre length of the C10 conductor where current drilling has indicated the presence of a strong hydrothermal system and a well mineralized target.

The unconformity-related uranium mineralization intersected in Cameco's discovery holes, WMA042 and WMA042-2, has been extended 50 metres to the south and at least 200 metres to the west.

THE LONG GAME: DISTINGUISHING AND PROTECTING A VALUED URANIUM PLAY

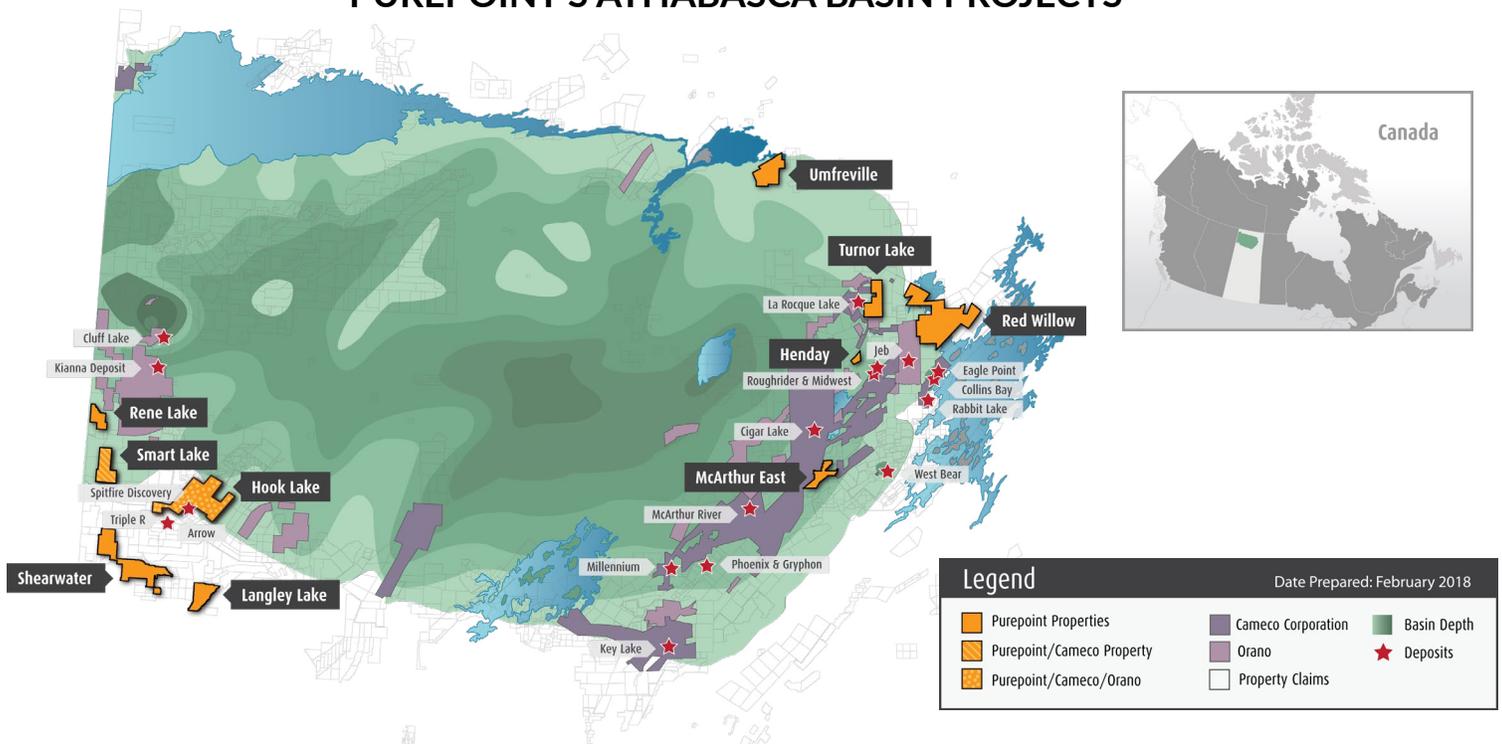
Purepoint hosted a webinar to discuss the state of the junior uranium exploration market as well as the upcoming exploration plans for Hook Lake.

“As a follow-up to our Uranium Investment Thesis from last year, we would like to continue the conversation on what’s happening in the uranium market, with a focus on uranium investors and what junior explorers are doing to meet expectations. During the webinar, we will also be discussing the results of the latest Hook Lake JV partners meeting and our upcoming program”, said Chris Frostad, President and CEO.

To access the webinar, please [click here](#).



PUREPOINT'S ATHABASCA BASIN PROJECTS



Strategic Project Acquisitions

- Focused on the precision exploration of its ten projects in the Canadian Athabasca Basin, the world’s richest uranium region

Partnered with two of the World’s Largest Uranium Producers



High Grade Discovery at the Patterson Uranium District

- Spitfire Discovery (53.3% U₃O₈ over 1.3m within a 10m interval of 10.3% U₃O₈ at Hook Lake JV
- \$2 Million Exploration program approved for 2020

Purepoint

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