

# MONTHLY ATHABASCA BASIN EXPLORATION UPDATE

May 2019

## Section 232 Decision Approaches: Higher Uranium Prices Possible on Either Positive or Negative Outcome

Source: [David Talbot, Director, Uranium & Battery Metals, VIII Capital](#)  
 2019-04-15

"We have released our take on the current Section 232 Petition investigation evolving in the USA.

US Dept. of Commerce investigation report into the effects of U<sub>3</sub>O<sub>8</sub> imports on national security was due yesterday. We may not hear details about the report until Trump is ready to act, we'd expect that to be much shorter than the 90 day limit.

Removing uncertainty surrounding the Section 232 Petition should help get utilities back to buying, particularly as many term contracts with US producers draw to a close.

We also expect considerable media attention soon – this could be good for the stocks. We believe U<sub>3</sub>O<sub>8</sub> market speculation and U<sub>3</sub>O<sub>8</sub> equity investment has already begun. The producers are up 22% QoQ and 8% last week despite a sharp pullback on Friday.

In the short term, we don't believe that the US has the production capacity to cover the 25% quota

- We need a 145% duty imposed on uranium imports to negate the impact of low Kazakh costs, according to UxC.
- UxC anticipates potential Buy American – 25% quota of 13.5 MM lbs U<sub>3</sub>O<sub>8</sub>.
- Neither Eight Capital's risk-weighted US uranium production forecast nor UxC's "potential" or "hypothetical" US production forecasts can meet this anticipated quota.

We would speculate that if uranium prices rose sufficiently, the US could cover 10% of its reactor requirements by 2021.

- Annual US reactor requirements range from 34 MM lbs U<sub>3</sub>O<sub>8</sub> (UxC 2018) to 40 MM lbs U<sub>3</sub>O<sub>8</sub> (WNA 2017), not including the Government
- UxC's Buy American – 25% reactor requirement quota scenario suggests demand of 13.5 MM lbs U<sub>3</sub>O<sub>8</sub> pa.
- UxC's Hypothetical and potential US Production scenario suggests 11.8 MM lbs and 8.7 MM lbs U<sub>3</sub>O<sub>8</sub> pa
- Neither scenario covers the quota and mine costs would increase to between US\$50 and US\$70/lb in those scenarios
- Eight Capital's un-risk weighted US production forecast suggests 15.1 MM lbs U<sub>3</sub>O<sub>8</sub> pa, but only in a perfect world
- Eight Capital's risk-weighted US production forecast suggests 6.4 MM lbs U<sub>3</sub>O<sub>8</sub> pa, this falls short of even if a 10% quota was put into place.
- The petitioners suggest the Buy American 25% Quota model suggests 69% to 104% increase in uranium prices to \$45/lb in the short term and US\$56/lb by 2022

Of 17 uranium companies covered at Eight Capital, eight have assets in the USA or inventory from US production – corporate summaries for each of these are located at the back of this note.

A two-tiered price system that values US produced uranium higher than imported uranium may benefit these companies directly, but this news will likely impact the entire industry."

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

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

March 31, 2019	\$25.08/lb U <sub>3</sub> O <sub>8</sub>
April 30, 2019	\$25.12/lb U <sub>3</sub> O <sub>8</sub>

**Change of +0.04/lb U<sub>3</sub>O<sub>8</sub>**

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

March 31, 2019	\$32.00/lb U <sub>3</sub> O <sub>8</sub>
April 30, 2019	\$32.00/lb U <sub>3</sub> O <sub>8</sub>

**Unchanged**

## Key Basin Announcements

**2019-04-01:** IsoEnergy drills 4.5m of 4.2% U<sub>3</sub>O<sub>8</sub> in drill hole LE19-09 at the Hurricane Zone

**2019-04-09:** Purepoint completes initial 2019 program at Hook Lake

**2019-04-09:** Appia confirms anomalous radioactivity in 6 of 8 drill holes on the Loranger uranium property

**2019-04-11:** Azincourt VTEM geophysical survey adds targets to East Preston uranium project

**2019-04-15:** Fission's PFS shows low OPEX of U\$6.77/lb U<sub>3</sub>O<sub>8</sub>, High IRR and clear growth

**2019-04-16:** IsoEnergy drills 8.5m of 3.2% U<sub>3</sub>O<sub>8</sub> in drill hole LE19-12, including 1m of 14.3% U<sub>3</sub>O<sub>8</sub> at the Hurricane Zone

**2019-04-23:** ALX Uranium signs Close Lake option agreement with Orano Canada

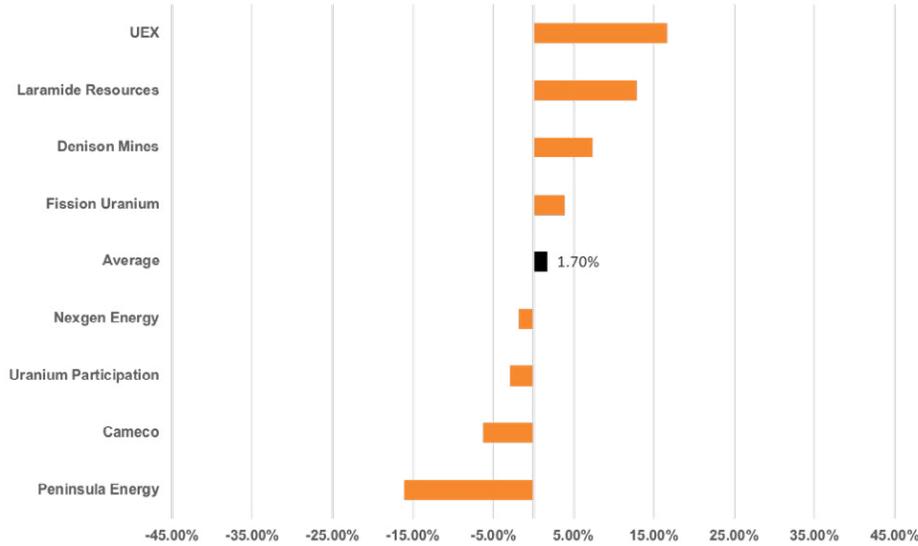
**2019-04-24:** IsoEnergy begins DC-Resistivity geophysical survey at the Larocque East

**2019-04-29:** NexGen announces the commencement of an environmental assessment for Rook I project

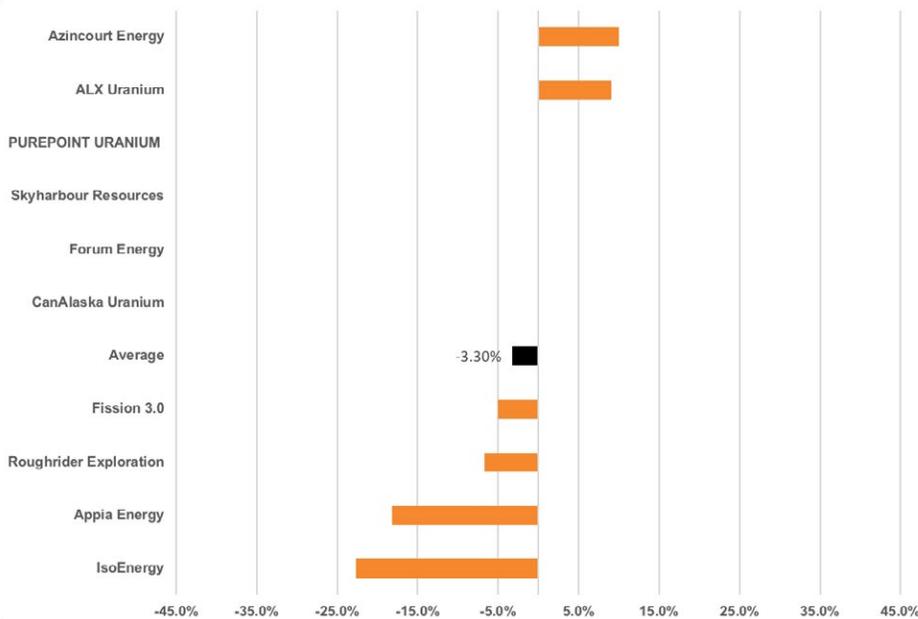
**2019-04-30:** Tax Court of Canada releases decision on Cameco Cost Application

## April 2019 Monthly Uranium Stock Performance

### Producing, Development & Advanced Exploration Companies



### Athabasca Basin Exploration Companies



**Disclaimer information:**

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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.

A total of \$3MM exploration budget for 2019 has commenced, with two drill rigs at the Hook Lake JV.

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

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# Purepoint completes initial 2019 program at Hook Lake

**TSX: PTU**  
2019-04-09

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$ 18.25MM	\$0.085	\$0.105	\$0.055

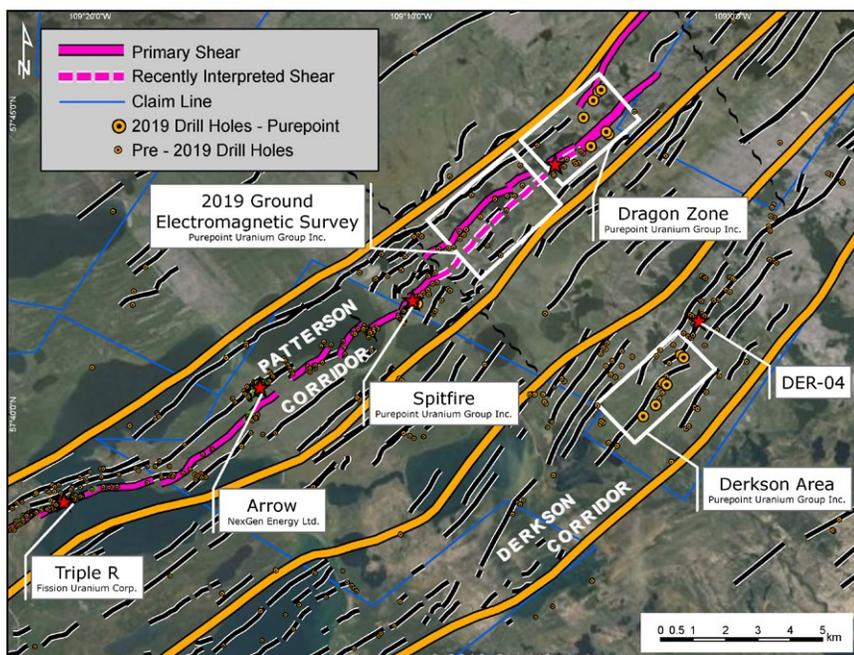
Purepoint Uranium Group Inc. (TSX: PTU.V) announced today that it has completed its initial 2019 fieldwork at the Hook Lake JV, a project owned jointly by Cameco Corp. (39.5%), Orano Canada Inc. (39.5%) and Purepoint Uranium Group Inc. (21%). The project lies on the southwestern edge of Saskatchewan's Athabasca Basin and is adjacent to and on trend with recent high-grade uranium discoveries including Fission Uranium's Triple R deposit and NexGen's Arrow deposit.

"This winter drill program was crafted with four objectives in mind; to test the Spitfire deposit at depth, confirm the continuation of the Dragon zone to the north, identify geophysical targets between the Spitfire deposit and the Dragon zone and to initiate first pass drilling along the Derkson corridor" stated Chris Frostad, Purepoint's President & CEO. "As a result of 3D modeling interpretations of the Spitfire deposit, and an initial assessment of drill hole HK19-101 completed early in the program, the joint venture partners have requested a new comprehensive plan to test for deeply rooted mineralized lenses beneath Spitfire similar to the neighbouring Arrow deposit".

"We were also pleased with our work at the Dragon zone this winter, where (pending confirmation from assays) hole HK19-105 appears to have delivered one of the best uranium intercepts north of the Spitfire deposit (see cross section below)" said Scott Frostad, Vice President Exploration. "Unfortunately, warm weather has forced an early demobilization, delaying follow up drilling to the north".

**Highlights:**

- Drill hole HK19-101 targeted the Spitfire shear zone below HK15-27 (2.2% U<sub>3</sub>O<sub>8</sub> over 2.8 metres that included 12.9% U<sub>3</sub>O<sub>8</sub> over 0.4 metres) in order to test for uranium mineralization at depth. Based on the Spitfire 3D model, the targeted down dip extension of a high-grade mineralization lens warrants additional follow-up as HK19-101 was off the ideal target;
- Six widely spaced holes totaling 4,240 metres were completed north of the previous Dragon zone drilling. HK19-105 was the highlight of these drill holes displaying strong alteration, numerous structures and intervals of anomalous radioactivity (Table 1). All the Dragon area holes confirmed the continuation of significant structures and alteration along the Patterson corridor;
- A ground electromagnetic (EM) survey was completed with the objective of defining new drill targets between the Dragon and Spitfire areas. Cameco's geophysical team is currently reviewing the EM survey results and interpretations are pending;
- Six diamond drill holes totaling 1,750 metres were completed along the Derkson Corridor. Although testing did identify the source of the EM conductors, no prospective structures, alteration or radioactivity were encountered;
- Assays are pending on all drill results;
- Once an interpretation of the results is complete, the program findings will be assembled and presented at the joint venture technical committee meeting during the first week of May 2019;
- Updated maps are now available on the Company's website at <https://purepoint.ca/projects/hook-lake/>.



## North Dragon Area

Six drill holes tested two separate EM conductors within the North Dragon area during the 2019 exploration program. The EM conductor tested during the previous drill seasons has been named the "Dragon shear zone" and it is approximately 200 metres wide, is composed of three to four separate graphitic shears dipping southeast and has now been tested over a strike length of 2 kilometres. The second EM conductor has been historically named the "W" conductor and it runs approximately 800 metres west of and parallel to the Dragon shear zone. Three drill holes continued to test the Dragon shear zone to the northeast (HK19-102, 103 and 106) and 3 drill holes completed initial testing of the "W" conductor (HK19-104, 105 and 107).

**CONTINUE ON PAGE 4**

# Purepoint completes initial 2019 program at Hook Lake (cont'd)

**TSXV: PTU**

2019-04-09

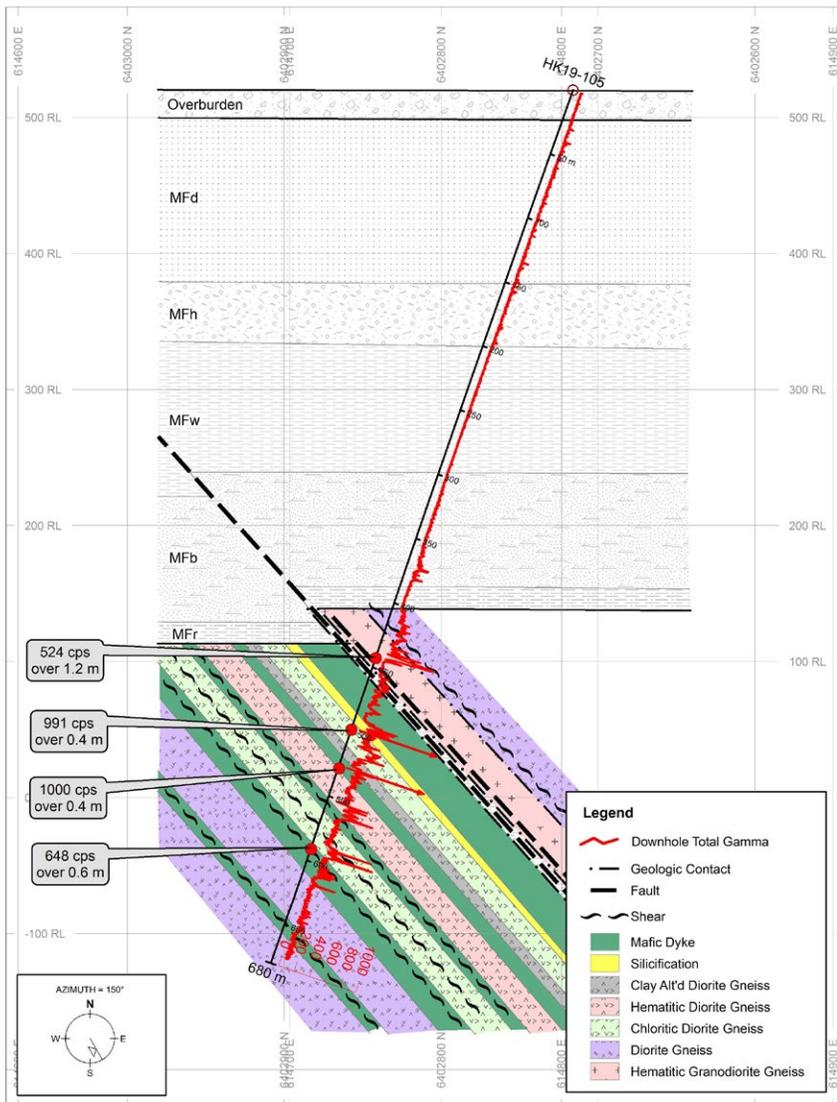
Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$ 18.25MM	\$0.085	\$0.105	\$0.055

## Dragon shear zone

Hole HK19-102 was a 300-metre step out northeast along strike of last year’s Dragon hole HK18-93 and returned relatively similar results. Both these holes intersected weak radioactivity proximal to the footwall contact of an intensely silicified, clay altered granodiorite gneiss unit near the unconformity.

Drill Hole HK19-103 was a 600-metre step-out along strike NE of HK19-102. Intensely silicified dioritic gneiss was then encountered from the unconformity at 378 metres to 478 metres then a 3-metre wide graphitic structure displaying brittle faulting and illite alteration with local fault gouge intervals and weak radioactivity (230 cps over 4.0 metres from the downhole gamma probe).

Drill hole HK19-106 was collared 80 metres in front of hole HK19-103. A strong overprinting of honey-yellow Illite, typically only seen in the Spitfire deposit, was observed just below 400 metres followed by an interval of weak radioactivity (296 cps over 3.2 metres from the downhole gamma probe). Stacked graphitic shears, typically found in the Dragon Zone, were encountered between 449 and 490 metres. The three distinct shear zones are hosted in a chloritized mafic rock.



## “W” conductor

The initial “W” conductor hole HK19-104 encountered strong hydrothermal alteration and weak mineralization (300 cps over 3.3 metres from the downhole gamma probe) associated with a graphitic shear. Hole HK19-104 marked the first time strong alteration had been seen associated with the “W” conductor basement rocks and opened up new high priority targets for drill testing to the northeast.

The second “W” conductor hole, HK19-105, was collared 800 metres northeast of HK19-104 and intersected numerous high-strain-zones, a post-Athabasca fault combined with strong hydrothermal alteration and elevated radioactivity (up to 1635 cps from the downhole gamma probe) in both the sandstone and basement rocks. The results of HK19-105 are considered to make the area surrounding HK19-105 highly prospective for both unconformity-type and basement-hosted uranium mineralization.

Hole HK19-107 was collared 300 metres southwest of HK19-105 and intersected multiple radioactive spikes with the greatest radioactivity (732 cps over 0.7 metres from the downhole gamma probe) being returned from a strong shear zone associated with a redox front. Intense silicification (quartz dome) was encountered at the upper contact of the graphitic shears, however, the core lacked illite and intense clay alteration at depth.

**CONTINUE ON PAGE 5**

## Purepoint completes initial 2019 program at Hook Lake (cont'd)

**TSXV: PTU**

2019-04-09

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$ 18.25MM	\$0.085	\$0.105	\$0.055

Hole HK19-108 was collared 100 metres northeast of the favourable HK19-105 but was lost shortly after the unconformity within strongly clay and hematite altered diorite gneiss at a depth of 438.0 metres.

### Spitfire/Dragon Geophysical Survey

Discovery International Geophysics of Saskatoon, SK completed 74 kilometres of stepwise moving loop transient EM surveying between the Spitfire and Dragon areas this winter. An interpretation of the EM results is ongoing and it is anticipated that new drill targets will be provided for the next drill program.

### Derkson Corridor

The 2019 Derkson area drilling showed that the strong clay alteration evidenced in historic holes was related to paleoweathering. Once the 2019 drill holes passed through the alteration zone related to paleoweathering, the basement rocks typically showed no further alteration. The electromagnetic conductors outlined by a 2004 ground survey and 2005 VTEM airborne survey were explained by rock units that hosted wide intervals of disseminated graphite and pyrite rather than prospective graphitic structures. The elongate magnetic highs seen within the airborne results were explained as magnetic syenites, an intrusive igneous rock that hosted finely disseminated pyrrhotite. The six Derkson corridor drill holes did not encounter notable alteration or structures within the basement rocks however unconformity-related mineralization, as evidenced with historic hole DER-04 (0.24% U<sub>3</sub>O<sub>8</sub> over 2.5 metres at the unconformity), remains a potential target as does the 2018 gravity low located 1 kilometre west of DER-04.

TABLE 1: 2019 Downholw Gamma Results > 500 CPS

Area	Hole	To (m)	From (m)	Width (m)	Downhole CPS
Spitfire	HK19-101	274.8	275.1	0.3	583
		445.2	445.8	0.6	571
		447.0	447.3	0.3	525
		467.0	467.3	0.3	501
		477.3	478.5	1.2	723
Dragon	HK19-105	438.5	439.7	1.2	524
		497.2	497.6	0.4	991
		526.2	526.7	0.4	1000
		587.7	588.0	0.3	563
		592.8	593.4	0.6	648
Dragon	HK19-107	426.8	427.5	0.7	732

Note: A Mount Sopris 2PGA-1000 downhole total gamma probe was utilized for measuring these low-grade (<0.05% eU<sub>3</sub>O<sub>8</sub>) mineralized intercepts.

### Hook Lake JV Project

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 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.

Current exploration is targeting the Patterson Lake Corridor that hosts Fission's Triple R Deposit (indicated mineral resource 87,760,000 lbs U<sub>3</sub>O<sub>8</sub> at an average grade of 1.82% U<sub>3</sub>O<sub>8</sub>), NexGen Energy's Arrow Deposit (indicated mineral resource 256,600,000 lbs U<sub>3</sub>O<sub>8</sub> at an average grade of 4.03%) and the Spitfire Discovery by the Hook Lake JV.

## IsoEnergy drills 4.5m of 4.2% U<sub>3</sub>O<sub>8</sub> in drill hole LE19-09 at Hurricane Zone

**TSXV: ISO**

2019-04-01

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$27.33MM	\$0.495	\$0.66	\$0.275

IsoEnergy Ltd. announced assay result for drill holes LE19-09, LE19-10 and LE19-11. The highlight is drill hole LE19-09, which intersected 4.5m of 4.2% U<sub>3</sub>O<sub>8</sub>, including 2.0m of 6.8% U<sub>3</sub>O<sub>8</sub>. Drill hole LE19-09 was collared 30 metres to the west of drill hole LE18-01A, the original Hurricane zone discovery drill hole which returned 8.5 metres of 1.3% U<sub>3</sub>O<sub>8</sub> including 2.5m of 3.6% U<sub>3</sub>O<sub>8</sub>.

Highlights:

- Drill hole LE19-09 intersected 4.5m of 4.2% U<sub>3</sub>O<sub>8</sub>, including 2.0m of 6.8% U<sub>3</sub>O<sub>8</sub>.
- Drill hole LE19-10 intersected 1.5m of 0.6% U<sub>3</sub>O<sub>8</sub>, 1.7% Ni and 1.9% Co.
- Drill hole LE19-11 intersected 0.5m of 2.1% U<sub>3</sub>O<sub>8</sub>, well north of the expected extent of the 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 northern Saskatchewan. The Company recently completed the first follow-up drilling program since the discovery in 2018. With 11 of 12 drill holes in the follow-up campaign intersecting significant uranium mineralization, the program successfully expanded the mineralized zone to 150m (long) x 38m (wide) and up to 8.5m thick. Mineralization remains open on all five sections drilled to date, and along strike in both directions. The Company, having raised \$5.5 million in December 2018, remains fully funded for a follow-up drilling campaign that is planned for the summer.

## Appia confirms anomalous radioactivity in 6 of 8 drill holes on Loranger

**TSXV: API**

2019-04-09

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$20.49MM	\$0.315	\$0.41	\$0.13

Appia Energy completed the winter diamond drill program on the Loranger property. The property is located 28 kilometres southeast of Cameco's Rabbit Lake mill, Athabasca basin, Northern Saskatchewan.

A total of 1,063 metres were completed in eight drill holes covering three target areas. Anomalous radioactivity, hydrothermal alteration styles (bleaching, clay minerals, hematite and limonite redox fronts, smoky quartz and chlorite) and remobilized ductile/brittle structural zones were intersected within each target area.

Lab analysis results are pending and will be announced as soon as they are received and reviewed by the company.

## Azincourt VTEM geophysical survey adds targets to East Preston

**TSXV: AAZ**

2019-04-11

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$6.16MM	\$0.055	\$0.12	\$0.045

Azincourt announced preliminary results from the recent helicopter-borne Versatile Time-Domain Electromagnetic (VTEM™ Max) and Magnetic survey conducted over the southeastern portion of the East Preston Uranium Project, located in the western Athabasca Basin, Saskatchewan.

The initial interpretation of this new survey data has added an additional 7.5 to 10 km along two of the same prospective previously-known conductive trends. There are offset breaks in the conductor trends with multiple, discreet conductors interpreted.

Geotech, the survey provider, is finalizing final reports, but has completed data processing and has provided a merged dataset covering the entire East Preston project by combining the newly acquired VTEM survey data with the original VTEM data coverage. In-depth interpretation is on-going by Bingham Geoscience, geophysical consultants to Azincourt. Results of the interpretation will be reported once received and reviewed.

More in-depth interpretation is on-going and will be used to add to the East Preston target inventory for future exploration drill testing.

## Fission's PFS shows low OPEX of \$6.77/lb U<sub>3</sub>O<sub>8</sub>, high IRR and clear growth

TSX: FCU

2019-04-15

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$247.87MM	\$0.54	\$0.78	\$0.0465

Fission announced the results of a Prefeasibility Study (the "PFS"), conducted by Roscoe Postle Associates Inc. ("RPA") and first-time estimate of Mineral Reserves for its' Patterson Lake South ("PLS") property in Canada's Athabasca Basin region. With an estimated OPEX of just US\$6.77/lb U<sub>3</sub>O<sub>8</sub> and an IRR (pre-tax) of 29%, the PFS further enhances the potential for highly-economic production at PLS. In addition, with the R780E zone still open at depth and along plunge to the east and the recently discovered high-grade mineralized zones along strike to the west and east (R1515W, R840W and R1620E zones) yet to be included in the reserve mine plan, there is clear upside for expanding the resource base and mine life and further improving the economics. The PFS is based on an open pit / underground hybrid operation and the Company is also progressing a PEA-level underground-only alternate scenario that indicates potential for improved economics.

### PFS Highlights

#### Robust Economics including Very Low Operating Costs "OPEX"

- OPEX of US\$6.77/lb U<sub>3</sub>O<sub>8</sub>. OPEX is substantially less than the 2015 PEA technical report for PLS which estimated US\$12.38/lb
- Production averaging almost 15 million lbs U<sub>3</sub>O<sub>8</sub> per year over the first five years from mineral reserves of 90.5 M lbs U<sub>3</sub>O<sub>8</sub> IRR (pre-tax) of 29%
- NPV (pre-tax), discounted at 8%, of C\$1.32B
- Payback in 2 years (pre-tax)
- Initial CAPEX of C\$1.49B, and sustaining capital (including reclamation and closure) of C\$214M
- High processing recovery rate of 96.7%
- 4-year construction period and 8.2-year mine life

#### Increased Indicated Resource

- Indicated Resources contain 103,768,000 lbs U<sub>3</sub>O<sub>8</sub>, an increase of 18% compared to the previous Mineral Resource estimate, reported February 20, 2018.

#### Demonstrated Scope for Substantial Growth

- Additional Zones: The PFS Mineral Reserves are based on the Indicated Resources of the R780E and R00E zones. There are three other mineralized zones along strike that do not yet have sufficient drilling to classify the majority of their resources to Indicated, and future programs will work to advance this. These include the R1515W, R845W and R1620E zones.
- Zone Expansion: The R780E zone is open at depth and along plunge to the east and further opportunity exists to continue to grow the resource in those directions, potentially extending the underground mine life.
- Mineralization Upgrade: The PFS mine plan does not include areas of Inferred Resources in the R00E and R780E zones. Additional drilling has the potential to convert these to Indicated.

#### Flexible Mining Approach

- The PFS base case for production at PLS is a hybrid operation (open pit and underground), aimed at maximizing extraction of R780E and R00E resources. However, it also has the potential to be mined as a purely underground operation.
- An on-going PEA-level underground-only scenario shows potential for improved economic results, including:
  - » 3-year construction period and 7.3 year operation (based on the same Indicated Resources as the PFS base case).
  - » Lower Initial CAPEX of C\$1.19B
  - » All in OPEX of US\$7.17 per pound
  - » Pre-tax IRR of 36%, NPV at 8% of C\$1.31B, and a 1.9 year payback
  - » Reduced footprint and environmental impact
  - » This PEA-level scenario is preliminary in nature and is based on assumptions and estimates that are not at a PFS level of detail and therefore cannot be categorized as Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. There is no certainty that the PEA results will be realized.

## IsoEnergy drills 8.5m of 3.2% U<sub>3</sub>O<sub>8</sub> including 1m of 14.3% U<sub>3</sub>O<sub>8</sub> at Hurricane Zone

**TSXV: ISO**

2019-04-16

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$27.33MM	\$0.495	\$0.66	\$0.275

IsoEnergy announced assay results for the last drill holes from the winter 2019 drilling program. Drill hole LE19-12 was collared 75m to the west of the discovery section and intersected 8.5m of 3.2% U<sub>3</sub>O<sub>8</sub>, 2.1% Ni and 0.2% Co, including 1.0m of 14.3% U<sub>3</sub>O<sub>8</sub> and 1.1% Ni. The final drill hole of the program, LE19-13, was collared 75m east of the discovery section and intersected 2.5m of 0.6% U<sub>3</sub>O<sub>8</sub>, 0.2% Ni and 0.5% Co, including 0.5m of 1.6% U<sub>3</sub>O<sub>8</sub>, 0.4% Ni and 1.1% Co.

### Highlights

- Drill hole LE19-12 intersected 8.5m of 3.2% U<sub>3</sub>O<sub>8</sub>, 2.1% Ni and 0.2% Co
- The mineralization at Hurricane remains open along strike and on each section drilled to date
- The company is fully funded for an aggressive follow-up drill campaign this summer

## ALX signs Close Lake Option Agreement with Orano Canada

**TSXV: AL**

2019-04-23

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$5.19MM	\$0.075	\$0.09	\$0.05

ALX announced it has signed a binding option agreement (the "Agreement") with Orano Canada Inc. ("Orano") a subsidiary of Orano Group, France, a world leader in the nuclear marketplace, whereby ALX can earn up to a 51% participating interest in the Close Lake Uranium Project ("Close Lake", or the "Project") located in the eastern Athabasca Basin area of northern Saskatchewan, Canada. The execution of the Agreement follows the non-binding Letter of Intent signed in February 2019 with Orano (see ALX news release dated February 28, 2019) and confirms a five (5) year deal with ALX funding exploration expenditures for a total amount of \$12.0 million and issuing 10,000,000 common shares of ALX to Orano.

Close Lake is the subject of a joint venture in which Orano, as operator, holds a 74.4004% interest, with Cameco Corporation ("Cameco") (TSX: CCO) holding a 14.9849% interest, and JCU (Canada) Company Ltd. ("JCU") holding the remaining 10.6147% interest. ALX can earn up to a 51% interest from Orano, subject to a back-in right to be retained by Orano.

## IsoEnergy begins DC-Resistivity Geophysical Survey at Larocque East

**TSXV: ISO**

2019-04-24

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$27.33MM	\$0.495	\$0.66	\$0.275

IsoEnergy announced that a 53 line-km program of DC-Resistivity (DC-Res) geophysical surveying has begun on its 100% owned Larocque East property (the "Property"). Larocque East is home to the Hurricane zone, a new discovery of high-grade uranium mineralization.

There are three main objectives for the survey. The first is to fingerprint the key graphitic horizons that control mineralization at Hurricane and locate them immediately east of the Hurricane zone to aid step-out drill holes planned for the summer of 2019. Secondly, as the survey covers over five kilometres of the wide open Larocque conductor system east of Hurricane, it will be used to guide future exploration drilling programs targeting additional mineralization along this fertile belt. Finally, the survey will more accurately locate a poorly understood conductor system 2km south of Hurricane. This southern conductor system is parallel to the Hurricane trend, has a possible strike extent of 2.3km on the Property and has never been drilled within the Property boundaries.

A total of 53 line-km of surveying will be completed along survey lines spaced 200-400m apart. The crew has mobilized to IsoEnergy's Larocque Lake camp and surveying has begun. The survey will take approximately one month to complete. Figure 2 shows the area to be surveyed.

## NexGen announces commencement of Environmental Assessment for Rook I

**TSX: NXE**

2019-04-29

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$731.84MM	\$2.12	\$3.31	\$2.05

NexGen announced the acceptance of a Project Description (Technical Proposal) by the Canadian Nuclear Safety Commission (“CNSC”) and the Saskatchewan Ministry of Environment (“MOE”). The acceptance marks the commencement of an Environmental Assessment (“EA”) on the Rook I Project (the “Project”) in accordance with the requirements of both The Environmental Assessment Act (Province of Saskatchewan) and the Canadian Environmental Assessment Act, 2012 “CEAA 2012” (Government of Canada). The EA will be conducted through a coordinated process between the MOE and the CNSC, which is the Federal life-cycle regulator for all uranium mine and mill projects in Canada.

NexGen has also filed an Initial Licence Application with the CNSC under the Nuclear Safety and Control Act in order to obtain a Licence to Prepare Site and Construct for the Project.

With the commencement of the EA, NexGen is conducting required studies and building on comprehensive environmental baseline monitoring which is already well advanced. In addition to NexGen’s team of experienced professionals, NexGen has engaged leading experts to conduct and support these studies and to support the development and submission of the Environmental Impact Statement required by the Province of Saskatchewan and the CNSC. Throughout the various stages of project development, NexGen is committed to the incorporation of innovative environmental designs and is committed to setting elite standards for environmental mine performance globally.

## Tax Court of Canada releases decision on Cameco Cost Application

**TSX: CCO**

2019-04-30

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$5,881.55MM	\$14.78	\$17.12	\$5,849.89

Cameco (TSX: CCO; NYSE: CCJ) has received a decision from the Tax Court of Canada on its application to recover substantial costs incurred in its dispute of reassessments with Canada Revenue Agency (CRA) for the 2003, 2005 and 2006 tax years. Cameco has been awarded \$10.25 million for legal fees incurred, plus an amount for disbursements which is yet to be determined.

“I am pleased to see that we have been awarded \$10.25 million for legal fees and we are optimistic that we will recover all or substantially all of the \$17.9 million in disbursements,” said Tim Gitzel, Cameco’s President and CEO.

In accordance with the September 26, 2018 trial decision, Cameco made an application to the Tax Court in November 2018 to recover substantial costs incurred over the course of this case. Cameco applied to recover \$20.5 million in legal costs and \$17.9 million in disbursements. The amount of the award for disbursements will be determined by an officer of the Tax Court, which Cameco expects will happen before the end of this year. Timing of any payments under the cost award is uncertain.

Proceedings in the Tax Court started in 2009 when Cameco challenged its reassessments and we received a Tax Court decision in September 2018. The CRA has filed a notice of appeal on the trial decision with the Federal Court of Appeal and we anticipate it will take about two years from the start of the appeal process to receive a decision from the Federal Court of Appeal. The outcome of this appeal may impact the cost award.

CRA has the right to appeal the cost award decision.

We have posted the Tax Court decision on our website at [cameco.com](http://cameco.com). Cameco will issue its first quarter results before markets open on Wednesday, May 1, 2019. The first quarter conference call with senior executives will be held Wednesday, May 1, 2019 at 1:00 p.m. Eastern.

**Purepoint Uranium Group Inc.**  
**TSXV: PTU**

Market Cap	Price as of 04/30/19	52-Week High	52-Week Low
\$ 18.25MM	\$0.085	\$0.105	\$0.055

**Strategically positioned in the Athabasca Basin**

- Advanced-stage exploration portfolio of 10 projects in the Athabasca Basin - *all assessment requirements current*
- Dozen of drill targets well defined
- Support and continued spending by two of the world's largest uranium producers
- Most speculative phase of investment completed with low priority properties all exited

**Uranium Industry Market Overview**

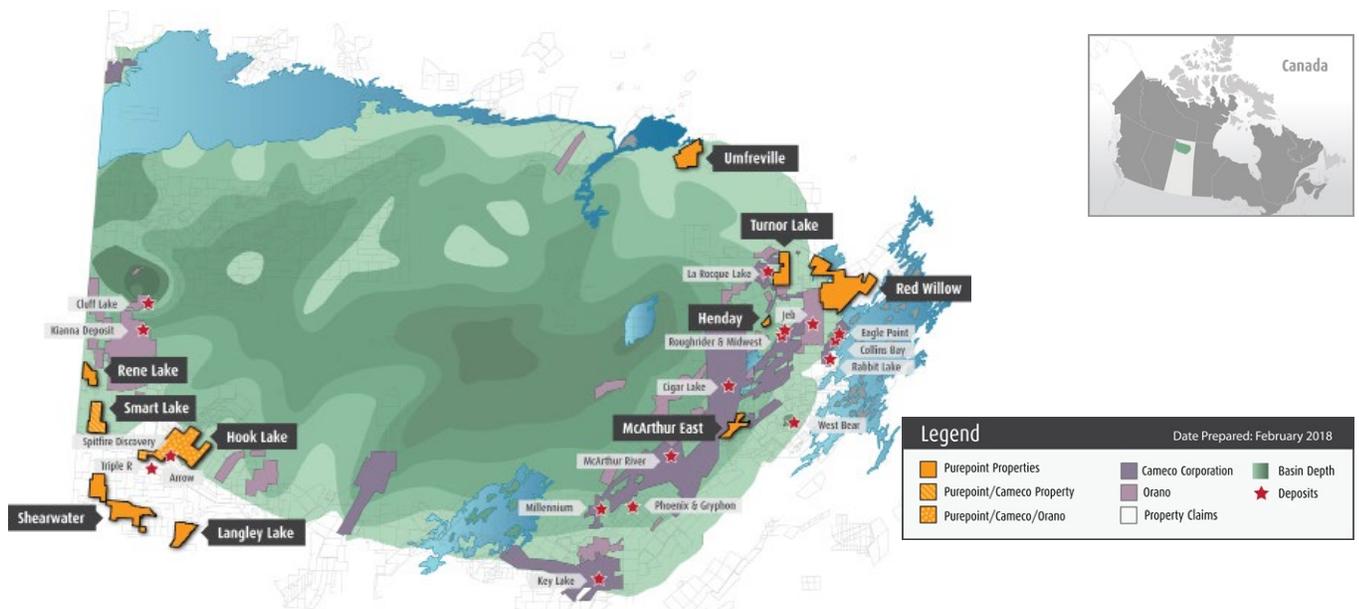
Click on the image to access full report.



**Purepoint Uranium Group Inc. (TSXV: PTU)** has assembled an end-to-end investment thesis for uranium investors, providing a complete understanding of the current events, facts and statistics that point towards a pending price correction.

Send us your comments/suggestions at [info@jeannyso.com](mailto:info@jeannyso.com).

**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**

- Spittfire Discovery (53.3% U<sub>3</sub>O<sub>8</sub> over 1.3m within a 10m interval of 10.3% U<sub>3</sub>O<sub>8</sub> at Hook Lake JV
- \$3 Million Exploration program completed in 2019



**Corporate Office**

2500 - 120 Adelaide Street West  
Toronto, ON, M5V 1H1  
T: +1-416-603-U3O8

**Exploration Office**

111 - 2nd Avenue South, Unit 530  
Saskatoon, SK, S7K 1K6  
T: +1-306-905-U3O8

**Twitter:** @PurepointU3O8

**Website:** [www.purepoint.ca](http://www.purepoint.ca)

**Email:** [info@jeannyso.com](mailto:info@jeannyso.com)

