

February 2022

Northern Saskatchewan Mineral Exploration Highlights

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Jonathan Dunn
Fond du Lac River, Saskatchewan

***Keewatin
Community
Development
Association***

(306) 425-4778 | office@kcda.ca

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Northern Saskatchewan Mineral Exploration Highlights is a monthly publication featuring public information gleaned from company websites and news releases into one convenient package.

We have direct email circulation to over 150 companies and individuals involved in northern Saskatchewan mining, exploration services, education, and government as well as northern First Nations, towns, and villages.

We offer a few different advertisement options, detailed below:

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Full page announcements - ideal for companies making major company announcements, announcing of events, etc

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Half page advertisements - ideal for individuals or companies looking to advertise property lease options, equipment sales, etc

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If you wish to advertise with us, or receive further information, email office@kcda.ca or give us a call at (306) 425-4778

THE FRONT PAGE

NEWS



McClean Lake (Image: Orano Canada Inc)

REGULATOR AUTHORIZES EXPANSION OF CANADIAN MILL TAILINGS FACILITY

Jan 18, 2022 | World Nuclear News

The Canadian Nuclear Safety Commission (CNSC) has amended the uranium mine and mill license held by Orano Canada Inc allowing it to expand the JEB tailings management facility (TMF) at McClean Lake

CNSC's decision follows a public hearing held virtually on 4 October 2021 and the amendment to the licence held by **Orano** for its **McClean Lake Operation** is valid until 30 June 2027.

The JEB TMF is the repository for tailings from uranium processing activities at the McClean Lake mill. The mill, some 850 km northeast of Saskatoon in northern Saskatchewan, is described by **Orano Canada** as the world's most technologically advanced uranium mill for the processing of undiluted, high-grade uranium ore, and its flagship operation. It began operations in 1999, and since 2014 has processed ore from the **Cigar Lake mine**, operated by **Cameco**. Ore is mixed into a slurry at the minesite and trucked the 80 km to **McClean Lake**, where it is processed.

The mill can produce 24 million pounds of U₃O₈ (over 9200 tU) per year, and in 2020 achieved total production of 10.1 million pounds. Before this amendment, the facility was expected to reach its capacity in 2027, CNSC said.

"After reviewing all submissions, the Commission concluded that Orano is qualified to carry out the expansion of the JEB TMF that the amended licence will authorise," the CNSC said. It also concluded that Orano "will make adequate provision for the protection of the environment, and the health and safety of persons."

McClean Lake is owned by **Orano (77.5%)** and **Denison Mines (22.5%)**. **Orano owns 37.1% of Cigar Lake**, which is majority owned and operated by **Cameco (50.025%)**.

(Researched and written by World Nuclear News)

Uranium sector monitors evolving Kazakh situation

07 January 2022

Disruptions in Kazakhstan, where ongoing unrest may add to pre-existing operating risks such as the COVID-19 pandemic, could be a "significant catalyst" for the uranium market, Canadian uranium company Cameco has said. Kazakh uranium producer Kazatomprom has said it will meet all delivery deadlines.

Protests that began in Atyrau and the wider Mangystau region have since 2 January spread to other cities across Kazakhstan including the country's main city of Almaty. Some cities, including Almaty and Atyrau, have seen violent clashes between protestors and police with deaths, injuries and arrests reported. The Kazakh government has imposed a nationwide State of Emergency and imposed a curfew. The internet has been blocked in large parts of the country, according to information from the UK government.

"The situation in Kazakhstan is dynamic and evolving," **Cameco** said on 6 January. "The national protests and the security clampdown on transport, financial and communication systems may add to pre-existing operating risks such as the COVID-19 pandemic's impact on employees and contractors, as well as global supply chain disruptions to critical goods and services required for uranium production. We will have a better understanding of the operating risks once we have had a chance to communicate with our JV partner Kazatomprom.

"As 40% of the world's uranium supply, any disruption in Kazakhstan could of course be a significant catalyst in the uranium market. If nothing else, it's a reminder for utilities that an over-reliance on any one source of supply is risky. It also reinforces the shift in risk from suppliers to utilities that has occurred in this market."

Cameco owns a 40% share in the Inkai in-situ leach uranium mine in south central Kazakhstan, with Kazatomprom owning the remaining 60%. Inkai produced 6.7 million pounds U3O8 (2577 tU) in the first nine months of 2021 and was expected to produce a total of 9.0 million pounds in the year.

Cameco said its five currently suspended North American uranium operations - the **McArthur River mine** and **Key Lake mill** and the **Rabbit Lake mine/mill** in northern Saskatchewan, Smith Ranch-Highland in Wyoming and Crow Butte in Nebraska - could be brought back online "should the commodity price improve to the point where the market once again calls for increased production and we have a line of sight to the appropriate homes under long-term contracts to deliver those pounds into." Together, these operations represent a productive capacity of about 24 million pounds per year.

"At present, we can't comment with any certainty on the length of time it might take to resume production at any of these facilities," the company said. (*World Nuclear News*)

Our New Location is Open!

SRC Geoanalytical Laboratories is now open and accepting samples at its new location in Saskatoon's north industrial end. [View map](#).

New Address: 2901 Cleveland Avenue, Saskatoon, Sask. S7K 8A9

You can now drop off or ship your samples to our new location.

View our [service schedule](#) for a comprehensive list of geochemistry packages, gold and precious metals analyses, and microanalysis services for a wide range of elements.

Contact us if you have any questions or concerns. Our phone number and email addresses are the same. We look forward to seeing you at our new location.

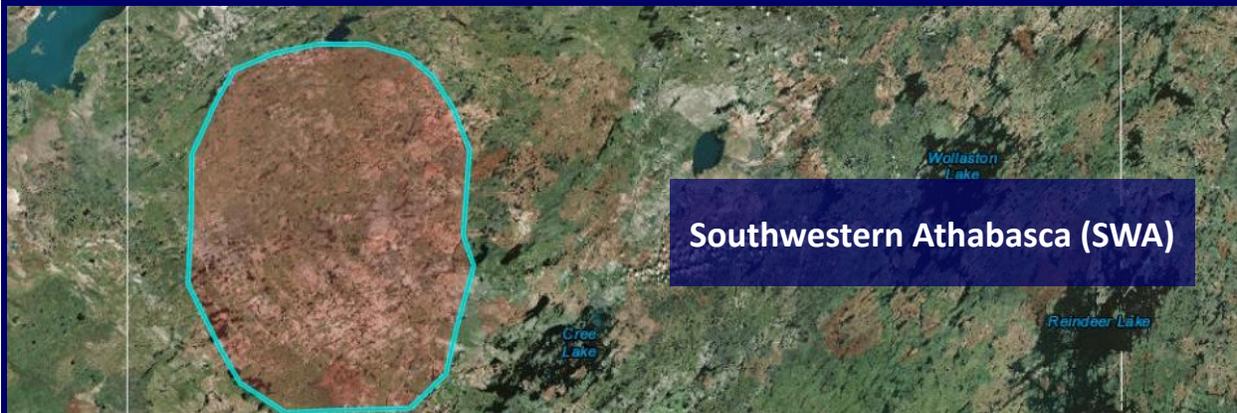
Rob Millar

Manager, [SRC Geoanalytical Laboratories](#)

306-933-8118

geolab@src.sk.ca

New Address: 2901 Cleveland Avenue, Saskatoon, Sask. S7K 8A9



AZINCOURT
ENERGY

Azincourt announced that the 73 km winter access road has been completed to the **East Preston uranium project**, and camp construction and mobilization of the drills has been completed. Drilling has now commenced with two drills on site. 6,000 m is planned in 30-35 holes. East Preston is a JV between **Azincourt Energy Corp (70%)**, **Dixie Gold Inc (15%)** and **Skyharbour Resources Ltd (15%)**.



Fission
URANIUM CORP.

Fission announced the continuation of its fieldwork as part of the **FS** of the **Triple R Deposit** on its **PLS Property**.

Highlights include

- 6 large diameter HQ core holes utilizing sonic drilling of the overburden
- R780E Zone 3 vertical holes
- R00E Zone 1 vertical hole
- R840W Zone 1 core vent shaft Geotech hole
- R1515W Zone 1 Geotech hole

Uranium mineralization at the Triple R Deposit has been traced by drill holes over 3.18 km of east-west strike length, in 5 separated mineralized zones, which collectively make up the **Triple R Deposit**. From West to East these zones are: **R1515W, R840W, R00E, R780E and R1620E**.



Fission 3.0 announced mobilization is underway for the 4,000 m 7-hole winter drill program at its PLN Property.

Highlights include

-drilling with 2 drills will focus on the untested Broach Lake and N Conductor targets.



NEXGEN announced radioactivity results and the completion of the 2021 field programs that focused on exploration and a detailed geotechnical site confirmation program at the **Arrow Deposit** at the **Rook 1 Property**.

2021 Exploration Highlights include

- 18 holes completed for a total of 10,849 m, of which 6,400 m targeted EM conductors that neighbours the one hosting Arrow and 4,449 m targeted significantly below the current Arrow Deposit.
- AR-21-268 (230 m **below Arrow**) intersected 8.5 m of total composite mineralization, including 6.5 m up to 3530 cps
- RK-21-140 (**Camp East Target** on the Patterson Corridor) intersected up to 1380 cps
- RK-21-136 (**Derkson West Target**) intersected 0.5 m of anomalous radioactivity up to 3100 cps
- site geotechnical drilling confirmed the highly competent ground for development and operations which have been incorporated into the **EIS**
- continued exploration of numerous targets and initiation of site-based infrastructure activities is planned for 2022



92 Energy presented its Quarterly Activities Report for the quarter ended 31 December 2021

Highlights include

- completed project planning for the winter diamond drilling program at the **Gemini Project**
- winter diamond drill program will include an initial 6,600 m of drilling at **Gemini (GMZ & GMX)** as well as regional drilling to follow-up on previous historical drill holes which displayed structural deformation, alteration and anomalous uranium
- access road upgrades are underway
- mobilization of drill rigs to commence late January 2022
- drilling with two rigs due to commence late January/early February 2022



ALX Resources Corp announced that it has closed its agreement with **Okapi Resources Ltd (ASX)** whereby Okapi may acquire 6 advanced uranium properties in the Athabasca Basin.

Highlights include

- the initial focus will be on the **Middle Lake Project** and the **Newnham Lake Project**
- permits have been lodged to drill on the Middle Lake Project, and as well permits are being lodged to drill on the Newnham Lake Project
- Okapi is working on a comprehensive compilation of data on all 6 properties with a view to creating updated geologic models
- Okapi will be applying the latest imaging interpretation and modelling techniques
- along with other terms, payments and conditions ALX will retain a 1.5% NSR on minerals produced from 50 mineral claims that do not bear any existing underlying royalties.



Appia has acquired the 27,291ha contiguous “**Otherside**” uranium claim block located 50 km south of Fond du Lac. The “**Otherside**” claim block straddles a 40 km long corridor hosting multiple discrete conductors with associated magnetic gradients and gravity lows



Baselode announced the final uranium assay results from the recently completed diamond drill program on the **ACKIO Uranium Discovery**.

Highlights include

- AK21-03 intersected 0.67 wt% U3O8 over 0.5 m at 131.6 m
- AK21-03 returned 0.24 wt% U3O8 over 5.5 m at 128.6 m
- AK21-04 returned 0.24 wt% U3O8 over 2.0 m at 99.0 m
- multiple uranium intersections within 200 m of surface
- follow-up drill program to commence in coming weeks

Baselode announced that a Temporary Work Camp (TWC) authorization has been received from the Saskatchewan MOE for diamond drilling on the **ACKIO high-grade uranium discovery**.

Highlights include

- field crew on site to begin clearing TWC and initial drill pad locations.
- a 10,000 m diamond drill program is planned to commence in late January
- the drill program is helicopter-supported to lessen any ground-induced environmental impact.



Basin entered into an agreement in October 2021 with **Skyharbour Resources** to acquire a 75% interest in the **Mann Lake Uranium Project** comprising 3473ha located 25 km SW of the McArthur River Uranium Mine.

Highlights include

- engaged **Terralogic Exploration Inc** to facilitate the proposed exploration program
- currently working through the permitting process with Saskatchewan MOE, including consulting with stakeholders including the Ya’thi Nene and local First Nations groups
- finalizing agreements with surveying and drilling crews
- proposed 2022 work program will include geophysical surveying, geochemical sampling and an extensive diamond drilling program.



Canalaska announced the commencement of a winter drill program at the **Waterbury South Property**.

Highlights include

- a 4,000 m drill program in 6-8 holes
- focused on extending the polymetallic uranium, nickel, zinc and cobalt mineralization
- located 10 km SE of the Cigar Lake uranium mine
- similarities to the Cigar Lake polymetallic deposit

Canalaska and **Terra Uranium Pty Ltd** (an Australian public limited corporation), have signed an option deal whereby Terra may earn up to an 80% interest in Canalaska's **Waterbury East** and **McTavish Projects**, subject to a resource definition.

Highlights include

- the first exploration programs with Terra are expected to begin in early 2022
- the 2,685ha **McTavish Property** is located 5 km NW of Cameco's Millenium Deposit.
- previous drilling returned 0.05 m @ 0.13% U3O8
- previous drilling at the 1,337ha **Waterbury East Project** highlighted faulted and altered basement rocks with uranium enrichment.

Canalaska has entered a LOI with **Basin Energy Ltd** (an Australian unlisted company), to allow Basin to earn up to an 80% interest in Canalaska's **North Millenium** and **Geikie Projects** and a 100% interest in Canalaska's **Marshall Project**, all located in the **Eastern Athabasca**.



Fission 3.0 announced receipt of 6,046,952 shares from **Traction Uranium Corp** in regards to the JV Agreement with Traction on the **Hearty Bay Project** and the **Lazy Edward Project**.



Forum announced it has signed a binding LOI to option the **Highrock Uranium Project** to **Sassy Resources Corp.**

Highlights include

- 20 sq km property located just outside of the Athabasca Basin
- located immediately to the south of the Key Lake uranium mine
- located along the same interpreted conductive lithological unit that hosts the Key Lake deposits
- Forum will act as project operator for 2022 and 2023.
- Forum has received drill permits and mobilization for access to the drill sites by winter haul road has commenced
- a 3,000 m drill program in 10-12 holes is anticipated to commence in February 2022



ISOEnergy announced that exploration plans have been finalized for the winter 2022 season and that work has commenced

Highlights include

- 11,900 m of diamond drilling at **Larocque East** to expand the **Hurricane Zone** and to further explore the **Larocque Lake conductive trend** with both follow-up drilling and the drilling of new geophysical targets on the property east of Hurricane which extends for 8 kms
- ground geophysical surveys at the **Geiger, Ranger** and **Hawk** Projects, of which the surveying at Geiger is underway.



Okapi Resources Ltd (ASX) announced that it has closed its agreement with **ALX Resources Corp** to acquire 6 advanced uranium properties in the Athabasca Basin.

Highlights include

- the initial focus will be on the **Middle Lake Project** and the **Newnham Lake Project**
- permits have been lodged to drill on the Middle Lake Project, and as well permits are being lodged to drill on the Newnham Lake Project
- Okapi is working on a comprehensive compilation of data on all 6 properties with a view to creating updated geologic models
- Okapi will be applying the latest imaging interpretation and modelling techniques

POWER

METAL RESOURCES

Power Metal Resources provided an update on its seven (7) uranium properties.

Highlights include

- completed an in-depth historical data compilation of its entire portfolio and now possesses a fully digitized database covering all historic work programs on its 7 properties
- retained a UK-based geological consultant with extensive Athabasca Basin unconformity deposit knowledge
- several extensive historical datasets were procured
- select findings from historical data compilation will be released, with a data room being prepared.



Purepoint announced that drilling has commenced at the **Red Willow Project** where initial drilling on the **Osprey** discovery identified basement-hosted uranium mineralization up to 0.19% U3O8 over 4.0 m including 3.03% U3O8 over 0.1 m

Highlights include

- drilling will begin with initial step-outs of the known mineralization and testing of the **Osprey** conductor towards the North
- 3,000 m drilling planned in 20 holes
- crews contracted to continue drilling until April 2022



Skyharbour Resources option partner **Valor Resources Ltd** announced that diamond drilling has commenced at the **Hook Lake Uranium Project**

Highlights include

- 2,500 m diamond drill program
- drilling to test the extent of uranium mineralization at the **S-Zone** which included 59.2% U3O8 in chip samples at surface
- program will include testing of the **V-Grid**, which is a geochemical and structural target
- an airborne Gravity survey over the **Hook Lake Project** is scheduled to commence in April 2022



UEX announced its 2022 winter exploration plans for its properties located in the Athabasca Basin
Highlights include

Christie Lake Project

- winter exploration drilling utilizing two rigs will comprise 9,000 m in 15 holes
- three target areas down-dip and down plunge of the **Paul Bay, Ken Pen and Orora Deposits**
- target area between the Ken Pen and Orora Deposits

Hidden Bay Project

- a total of 3,000 m of drilling in up to 20 holes is planned to follow up on 2021 drilling
- following up on two target areas in the **U-Ni Sands** area and in the **Dwyer Lake** area

JCU Projects

- total of 7,400 m of drilling in 10-12 holes and 18 line km of Moving Loop EM is planned for the **Waterfound River Project** along the D1 Conductor

-JCU has a 26.98% interest and has elected to participate in the 2022 program

-drilling and geophysical surveys planned for the **Wolly Project**, located adjacent to Orano's McClean Lake Operation

-a total of 2,150 m drilling in 8-10 holes is planned in 3 areas including along strike on the **Collins Creek Conductor**, the **Geneva** area and the **Rainbow North grid**.

-4 lines totalling 10 km of Moving Loop EM are planned for the **West Creek** area

-JCU has elected not to participate in the 2022 exploration program at the Wolly Project



VALOR RESOURCES

Valor announced that diamond drilling has commenced at the **Hook Lake Uranium Project**

Highlights include

-2,500 m diamond drill program

-drilling to test the extent of uranium mineralization at the **S-Zone** which included 59.2% U3O8 in chip samples at surface

-program will include testing of the **V-Grid**, which is a geochemical and structural target

-an airborne Gravity survey over the **Hook Lake Project** is scheduled to commence in April 2022



ALX announced that a diamond drilling program is underway at the **Alligator Lake Gold Project**, located 165 km NE of La Ronge.

Highlights include

- 2022 program consists of 1,000 m in 8 NQ-size diamond drill holes
 - primary targets include a target near a 2021 hole that returned 10.67 g/t Au over 0.98 m
 - 2022 drilling will be testing quartz vein swarms associated with shearing as well as intrusive-hosted gold
 - concurrent with the 2022 drilling an induced polarization/resistivity (IP/Res) survey totaling 24.3 line kms has been contracted to cover the southern extent of the **Broken Hammer Shear Zone**, and its possible intersection with the Radiant Lake Shear Zone.
 - a Max-Min EM survey totaling 12.6-line kms is also planned as follow-up on historical conductors.
- In 2021, ALX took two grab samples which returned 0.24% Cu and 0.27% Cu as well as 350 and 358 ppb Au immediately east of the historical conductor.



Fathom announced results of the Q3-2021 drill program and commencement of the Q1-2022 diamond drilling program at **Albert Lake**.

Highlights include

- Q3-2021 drill program consisted of 13 drill holes totaling 3,106 m
 - anomalous Ni-Cu and PGE mineralization was detected in 11 of the 13 holes
 - Rottenstone-like stratigraphy encountered in a 13 m interval in hole AL21-029 assaying 658 ppm Ni over 13 m including 4200 ppm Ni, 882 ppm Cu, 164 ppm Co, 460 ppb Pd, 580 ppb Pt and 1.25 g/t Pd-Pt+Au over 1.17 m.
 - AL21-029 drilled on a 2021 B-horizon soil anomaly (chromium, magnesium, Ni-Cu-Co and Pd-Pt)
 - Q1-2022 winter drill program commenced in January and increased to 5,000 m of drilling.
- Fathom recently announced the buyback of the 2% NSR on the **Albert Lake Property** from **Uravan Minerals Inc.**

FORAN

MINING CORPORATION

Foran reported high-grade intercepts from 3 holes drilled during the 2021 exploration program at its **Bigstone Deposit**, located 25 km SW of its **Mcllvenna Bay Deposit**.

Highlights include

- BS-21-245 returned 9.5 m of 14.0% Zn, 0.42% Cu, 76.9 g/t Ag and 0.37 g/t Au including 0.9 m of 57.2% Zn, 0.28% Cu, 24.9 g/t Ag and 0.06 g/t Au
- results from BS-21-245 compare favourably to the existing Indicated Resource grade of the **Massive Sulphide Zone at Bigstone** of 9.9% Zn, 0.25% Cu, 16.5 g/t Ag and 0.33 g/t Au
- precious metal anomalies were also intersected including 0.5 m of 63.0 g/t Ag and 5.49 g/t Au in BS-21-246 and 0.5 m of 454.0 g/t Ag and 2.06 g/t Au in BS-21-247
- Foran will be testing additional targets in the region in 2022



MAS Gold and **Comstock Metals Ltd** have signed a definitive Agreement pursuant to which Comstock has agreed to sell 100% of its interest in its **Preview SW Gold Project**.

Highlights include

- MAS Gold has released the *Technical Report on the 2021 Mineral Resource Update for North Lake and Greywacke North Gold Projects* on SEDAR
- in addition to the Comstock Agreement, a winter 2022 exploration program has commenced that includes 8,000 m of core drilling with focus on the **Preview SW Project** and MAS Gold's **North Lake Gold Deposit**, and **Point Gold Deposit** targets.
- North Lake Deposit** (MAS Gold), 4500 m drill program to follow-up, extend and infill gold mineralization
- Preview SW Property** (MAS Gold & Comstock), 2700 m drill program to further define the resource, extend mineralization and test the A and C Zones
- Point Deposit (MAS Gold)**, 800 m drill program to test high-priority targets, anomaly and extend mineralization to the south.



SKRR Exploration Inc announced that crews and equipment have been mobilized to EPL's **Olson Property**, located 100 km east of La Ronge, to commence a 10-hole, 1850 m diamond drilling program.

Highlights include

-the current drill program is designed to further test for gold mineralization at the **Olson, Ackbar Lake, Carina** and **Michael's Lake** zones.



Voyageur provided an update on recent developments from the Company's Royalty Portfolio.

Highlights include

Mclivenna Bay (Foran Mining Corp)

-C\$0.75 per tonne of ore mined

Bigstone (Foran Mining Corp)

-2% NSR



Fortune Bay has commenced Phase 2 exploration drilling on its **Goldfields Project**, and a ground gravity survey has begun on its **Strike Uranium Project**, both located within 25 km of Uranium City. Highlights include

Goldfields Project

-drilling has commenced to test targets within the hinge zone of the **Goldfields Syncline**, between the **Box** and **Athona Gold Deposits**

-2,000 m is planned to test up to 6 targets

Strike Uranium Project

-ground gravity survey commenced over the northern portion of the project to cover the 15 km length of EM conductors

-exploration drilling planned to commence in mid Q2, 2022 and continue into the summer



Trench has expanded its **Higginson Lake Uranium Project** by an additional 3,589ha, more than doubling its size to 5,900ha.

COMMODITIES AT A GLANCE

URANIUM

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2021 Exploration Highlights include

- 18 holes completed for a total of 10,849 m, of which 6,400 m targeted EM conductors that neighbours the one hosting Arrow and 4,449 m targeted significantly below the current Arrow Deposit.
- AR-21-268 (230 m **below Arrow**) intersected 8.5 m of total composite mineralization, including 6.5 m up to 3530 cps
- RK-21-140 (**Camp East Target** on the Patterson Corridor) intersected up to 1380 cps
- RK-21-136 (**Derkson West Target**) intersected 0.5 m of anomalous radioactivity up to 3100 cps
- site geotechnical drilling confirmed the highly competent ground for development and operations which have been incorporated into the **EIS**
- continued exploration of numerous targets and initiation of site-based infrastructure activities is planned for 2022

Okapi Resources Ltd (ASX) announced that it has closed its agreement with **ALX Resources Corp** to acquire 6 advanced uranium properties in the Athabasca Basin.

Highlights include

- the initial focus will be on the **Middle Lake Project** and the **Newnham Lake Project**
- permits have been lodged to drill on the Middle Lake Project, and as well permits are being lodged to drill on the Newnham Lake Project
- Okapi is working on a comprehensive compilation of data on all 6 properties with a view to creating updated geologic models
- Okapi will be applying the latest imaging interpretation and modelling techniques

Power Metal Resources PLC provided an update on its seven (7) uranium properties.

Highlights include

- completed an in-depth historical data compilation of its entire portfolio and now possesses a fully digitized database covering all historic work programs on its 7 properties
- retained a UK-based geological consultant with extensive Athabasca Basin unconformity deposit knowledge
- several extensive historical datasets were procured
- select findings from historical data compilation will be released, with a data room being prepared.

COMMODITIES AT A GLANCE

Purepoint Uranium Group Inc announced that drilling has commenced at the **Red Willow Project** where initial drilling on the **Osprey** discovery identified basement-hosted uranium mineralization up to 0.19% U₃O₈ over 4.0 m including 3.03% U₃O₈ over 0.1 m

Highlights include

- drilling will begin with initial step-outs of the known mineralization and testing of the **Osprey** conductor towards the North
- 3,000 m drilling planned in 20 holes
- crews contracted to continue drilling until April 2022

Skyharbour Resources Ltd option partner **Valor Resources Ltd** announced that diamond drilling has commenced at the **Hook Lake Uranium Project**

Highlights include

- 2,500 m diamond drill program
- drilling to test the extent of uranium mineralization at the **S-Zone** which included 59.2% U₃O₈ in chip samples at surface
- program will include testing of the **V-Grid**, which is a geochemical and structural target
- an airborne Gravity survey over the **Hook Lake Project** is scheduled to commence in April 2022

Trench Metals Corp has expanded its **Higginson Lake Uranium Project** by an additional 3,589ha, more than doubling its size to 5,900ha.

UEX Corp announced its 2022 winter exploration plans for its properties located in the Athabasca Basin

Highlights include

Christie Lake Project

- winter exploration drilling utilizing two rigs will comprise 9,000 m in 15 holes
- three target areas down-dip and down plunge of the **Paul Bay, Ken Pen and Orora Deposits**
- target area between the Ken Pen and Orora Deposits

Hidden Bay Project

- a total of 3,000 m of drilling in up to 20 holes is planned to follow up on 2021 drilling
- following up on two target areas in the **U-Ni Sands** area and in the **Dwyer Lake** area

JCU Projects

- total of 7,400 m of drilling in 10-12 holes and 18 line km of Moving Loop EM is planned for the **Waterfound River Project** along the D1 Conductor

-JCU has a 26.98% interest and has elected to participate in the 2022 program

-drilling and geophysical surveys planned for the **Wolly Project**, located adjacent to Orano's McClean Lake Operation

-a total of 2,150 m drilling in 8-10 holes is planned in 3 areas including along strike on the **Collins Creek Conductor**, the **Geneva** area and the **Rainbow North grid**.

-4 lines totalling 10 km of Moving Loop EM are planned for the **West Creek** area

-JCU has elected not to participate in the 2022 exploration program at the Wolly Project

COMMODITIES AT A GLANCE

Valor Resources Ltd (ASX) announced that diamond drilling has commenced at the **Hook Lake Uranium Project**

Highlights include

- 2,500 m diamond drill program
- drilling to test the extent of uranium mineralization at the **S-Zone** which included 59.2% U₃O₈ in chip samples at surface
- program will include testing of the **V-Grid**, which is a geochemical and structural target
- an airborne Gravity survey over the **Hook Lake Project** is scheduled to commence in April 2022

BASE METALS

Eagle Plains Resources Ltd announced that option partner **Rockridge Resources Ltd** has released further sampling and prospecting results from the 2021 exploration program at the **Knife Lake Copper VMS Project**

Highlights include

- a total of 29 samples were submitted for assay, 26 from regional targets and 3 confirmation samples from historic trenches at the **Knife Lake Deposit**
- trench samples returned 4.06% Cu and 1.60% Cu
- prospecting on the west side of the **Gilbert Lake Target** identified lithologies consistent with the host rocks at the Deposit
- tr interstitial cpy hosted within the green pegmatite
- interpretation of field results and geophysical modelling is underway to further refine targets for a planned upcoming diamond drill program

Fathom Nickel Inc announced results of the Q3-2021 drill program and commencement of the Q1-2022 diamond drilling program at **Albert Lake**.

Highlights include

- Q3-2021 drill program consisted of 13 drill holes totaling 3,106 m
- anomalous Ni-Cu and PGE mineralization was detected in 11 of the 13 holes
- Rottenstone-like stratigraphy encountered in a 13 m interval in hole AL21-029 assaying 658 ppm Ni over 13 m including 4200 ppm Ni, 882 ppm Cu, 164 ppm Co, 460 ppb Pd, 580 ppb Pt and 1.25 g/t Pd-Pt+Au over 1.17 m.
- AL21-029 drilled on a 2021 B-horizon soil anomaly (chromium, magnesium, Ni-Cu-Co and Pd-Pt)
- Q1-2022 winter drill program commenced in January and increased to 5,000 m of drilling.

Fathom Nickel Inc recently announced the buyback of the 2% NSR on the **Albert Lake Property** from **Uravan Minerals Inc**.

COMMODITIES AT A GLANCE

Foran Mining Corp reported high-grade intercepts from 3 holes drilled during the 2021 exploration program at its **Bigstone Deposit**, located 25 km SW of its **McIlvenna Bay Deposit**.

Highlights include

- BS-21-245 returned 9.5 m of 14.0% Zn, 0.42% Cu, 76.9 g/t Ag and 0.37 g/t Au including 0.9 m of 57.2% Zn, 0.28% Cu, 24.9 g/t Ag and 0.06 g/t Au
- results from BS-21-245 compare favourably to the existing Indicated Resource grade of the **Massive Sulphide Zone at Bigstone** of 9.9% Zn, 0.25% Cu, 16.5 g/t Ag and 0.33 g/t Au
- precious metal anomalies were also intersected including 0.5 m of 63.0 g/t Ag and 5.49 g/t Au in BS-21-246 and 0.5 m of 454.0 g/t Ag and 2.06 g/t Au in BS-21-247
- Foran will be testing additional targets in the region in 2022

Voyageur Mineral Explorers Corp provided an update on recent developments from the Company's Royalty Portfolio.

Highlights include

McIlvenna Bay (Foran Mining Corp)

- C\$0.75 per tonne of ore mined

Bigstone (Foran Mining Corp)

- 2% NSR

GOLD

ALX Resources Corp announced that a diamond drilling program is underway at the **Alligator Lake Gold Project**, located 165 km NE of La Ronge.

Highlights include

- 2022 program consists of 1,000 m in 8 NQ-size diamond drill holes
- primary targets include a target near a 2021 hole that returned 10.67 g/t Au over 0.98 m
- 2022 drilling will be testing quartz vein swarms associated with shearing as well as intrusive-hosted gold
- concurrent with the 2022 drilling an induced polarization/resistivity (IP/Res) survey totaling 24.3 line kms has been contracted to cover the southern extent of the **Broken Hammer Shear Zone**, and its possible intersection with the Radiant Lake Shear Zone.
- a Max-Min EM survey totaling 12.6-line kms is also planned as follow-up on historical conductors. In 2021, ALX took two grab samples which returned 0.24% Cu and 0.27% Cu as well as 350 and 358 ppb Au immediately east of the historical conductor.

Eagle Plains Resources Ltd and **SKRR Exploration Inc** announced that crews and equipment have been mobilized to EPL's **Olson Property**, located 100 km east of La Ronge, to commence a 10-hole, 1850 m diamond drilling program.

Highlights include

- the current drill program is designed to further test for gold mineralization at the **Olson, Ackbar Lake, Carina** and **Michael's Lake** zones.

COMMODITIES AT A GLANCE

Foran Mining Corp reported high-grade intercepts from 3 holes drilled during the 2021 exploration program at its **Bigstone Deposit**, located 25 km SW of its **McIlvenna Bay Deposit**.

Highlights include

-BS-21-245 returned 9.5 m of 14.0% Zn, 0.42% Cu, 76.9 g/t Ag and **0.37 g/t Au** including 0.9 m of 57.2% Zn, 0.28% Cu, 24.9 g/t Ag and **0.06 g/t Au**

-results from BS-21-245 compare favourably to the existing Indicated Resource grade of the **Massive Sulphide Zone at Bigstone** of 9.9% Zn, 0.25% Cu, 16.5 g/t Ag and **0.33 g/t Au**

-precious metal anomalies were also intersected including 0.5 m of 63.0 g/t Ag and **5.49 g/t Au** in BS-21-246 and 0.5 m of 454.0 g/t Ag and **2.06 g/t Au** in BS-21-247

-Foran will be testing additional targets in the region in 2022

Fortune Bay Corp has commenced Phase 2 exploration drilling on its **Goldfields Project**, and a ground gravity survey has begun on its **Strike Uranium Project**, both located within 25 km of Uranium City.

Highlights include

Goldfields Project

-drilling has commenced to test targets within the hinge zone of the **Goldfields Syncline**, between the **Box** and **Athona Gold Deposits**

-2,000 m is planned to test up to 6 targets

Strike Uranium Project

-ground gravity survey commenced over the northern portion of the project to cover the 15 km length of EM conductors

-exploration drilling planned to commence in mid Q2, 2022 and continue into the summer

MAS Gold Corp and **Comstock Metals Ltd** have signed a definitive Agreement pursuant to which Comstock has agreed to sell 100% of its interest in its **Preview SW Gold Project**.

Highlights include

-MAS Gold has released the *Technical Report on the 2021 Mineral Resource Update for North Lake and Greywacke North Gold Projects* on SEDAR

-in addition to the Comstock Agreement, a winter 2022 exploration program has commenced that includes 8,000 m of core drilling with focus on the **Preview SW Project** and MAS Gold's **North Lake Gold Deposit**, and **Point Gold Deposit** targets.

-**North Lake Deposit** (MAS Gold), 4500 m drill program to follow-up, extend and infill gold mineralization

-**Preview SW Property** (MAS Gold & Comstock), 2700 m drill program to further define the resource, extend mineralization and test the A and C Zones

-**Point Deposit (MAS Gold)**, 800 m drill program to test high-priority targets, anomaly and extend mineralization to the south.

SKRR Exploration Inc announced that crews and equipment have been mobilized to EPL's **Olson Property**, located 100 km east of La Ronge, to commence a 10-hole, 1850 m diamond drilling program.

Highlights include

-the current drill program is designed to further test for gold mineralization at the **Olson, Ackbar Lake, Carina** and **Michael's Lake** zones.

COMMODITIES AT A GLANCE

PGE's

*PGE refers to Pd+Pt plus rhodium, osmium, ruthenium and iridium

Fathom Nickel Inc announced results of the Q3-2021 drill program and commencement of the Q1-2022 diamond drilling program at **Albert Lake**.

Highlights include

- Q3-2021 drill program consisted of 13 drill holes totaling 3,106 m
- anomalous Ni-Cu and PGE mineralization was detected in 11 of the 13 holes
- Rottenstone-like stratigraphy encountered in a 13 m interval in hole AL21-029 assaying 658 ppm Ni over 13 m including 4200 ppm Ni, 882 ppm Cu, 164 ppm Co, **460 ppb Pd, 580 ppb Pt and 1.25 g/t Pd-Pt+Au over 1.17 m.**
- AL21-029 drilled on a 2021 B-horizon soil anomaly (chromium, magnesium, Ni-Cu-Co and **Pd-Pt**)
- Q1-2022 winter drill program commenced in January and increased to 5,000 m of drilling.

Fathom Nickel Inc recently announced the buyback of the 2% NSR on the **Albert Lake Property** from **Uravan Minerals Inc.**

SILVER

Foran Mining Corp reported high-grade intercepts from 3 holes drilled during the 2021 exploration program at its **Bigstone Deposit**, located 25 km SW of its **Mclivenna Bay Deposit**.

Highlights include

- BS-21-245 returned 9.5 m of 14.0% Zn, 0.42% Cu, **76.9 g/t Ag** and 0.37 g/t Au including 0.9 m of 57.2% Zn, 0.28% Cu, **24.9 g/t Ag** and 0.06 g/t Au
- results from BS-21-245 compare favourably to the existing Indicated Resource grade of the **Massive Sulphide Zone at Bigstone** of 9.9% Zn, 0.25% Cu, **16.5 g/t Ag** and 0.33 g/t Au
- precious metal anomalies were also intersected including 0.5 m of **63.0 g/t Ag** and 5.49 g/t Au in BS-21-246 and 0.5 m of **454.0 g/t Ag** and 2.06 g/t Au in BS-21-247
- Foran will be testing additional targets in the region in 2022

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*Kimberlite drill core,
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*Gold occurrence near
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agenda will be provided soon!

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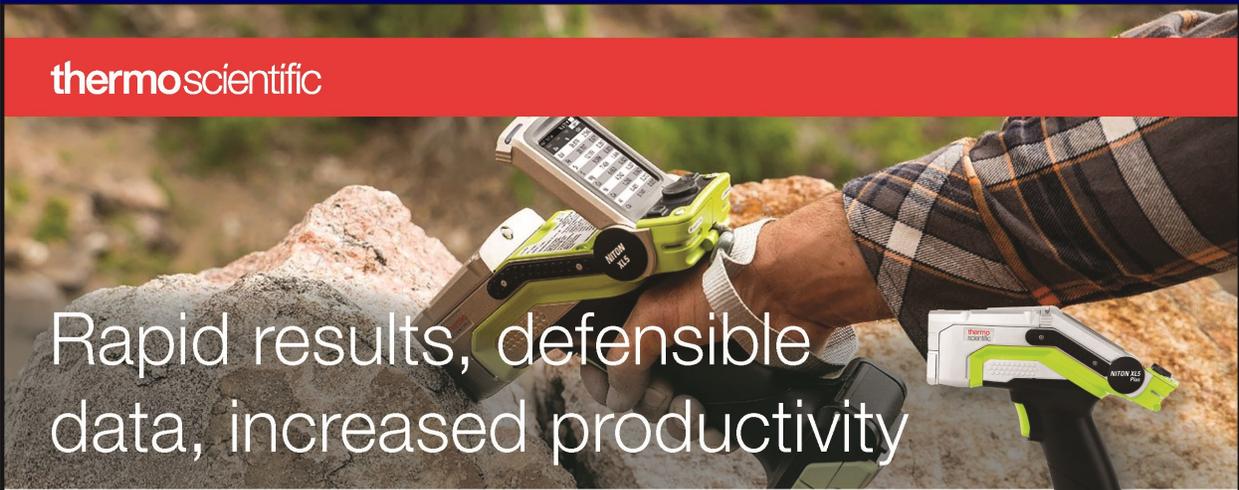
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The deadline for TMEI applications for 2020-21 is December 31, 2021. Applications can be submitted to the Government of Saskatchewan.

Saskatchewan!

Saskatchewan: Gochager Lake Nickel, Copper, Cobalt Deposit available for option:

The Gochager Lake Nickel-Copper-Cobalt project has reported grades of up to **3.92% nickel, 0.7% copper and 2.86% cobalt** as reported by the Saskatchewan government (Mineral deposit index No. 0880). Historical resource estimates (non-National Instrument 43-101 compliant) were generated in 1968 and 1990. The 1968 historic resource for the Gochager Lake deposit calculated 4.3 million tons grading 0.30% Ni and 0.08% Cu. J.S. Steel, reported in 1990, that vertical and longitudinal sections were constructed from the existing data and a historic resource was defined containing 1.77 million tonnes at 0.735% nickel-equivalent.

July 20, 2018: Drill hole intersects 117.7 Meter Fully Mineralized Zone including 1.95% Nickel, 0.14% Copper and 0.22% Copper over 2.7 Meters at the Gochager Lake Project.

Drillhole GL18002 completed in 2018 suggests the deposit remains open to depth.

For more information please email:

Chris Knudsen

C.K.miningproperties@gmail.com

252 g/t Gold Sampled in 2020 By Independent Company

Cook High Grade Gold Showings: Properties located approximately 8 Km N.E. of Gochager Nickel/ Copper deposit summarized in adjoining ad

Discovered in 1987: **A 1-metre channel sample returned an assay of 103.6 gpt Gold and 7.7 gpt silver** from the Cook Gold showing. The showing is hosted by a folded vein complex traced over a strike length of 18 meters. In addition to **native gold**, other minerals present in the veins or the altered wall rock are pyrite, chalcopyrite, bornite, malachite, **native copper**, pyrrhotite, galena, sphalerite, arsenopyrite and specular hematite, the Cook Gold showing remains to be drilled.

For more information please email:

Chris Knudsen

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DEIGHTON LAKE Cu-Ni-Zn-Co-Ag-PGE CLAIMS FOR OPTION

Please contact Gary Dunn for details: gdeexploration@gmail.com

The three Deighton Lake claims MC00014478, MC00014479, MC00014520 comprising 1454 ha (3600 acres), are in good standing to 3/3/2023 & 5/12/2023. As described in SMDI 0957 an airborne survey was flown in 1957 and in 1968 two holes were drilled NW of Deighton Lake on a 2000 ft (600-800m) Ronka ground EM conductor by Sherritt Gordon Mines which encountered disseminated to thin bands of stringers to massive pyrrhotite and pyrite with some bornite over the entire length of the hole, with mineralization throughout 33 ft to 286 ft (**77m**). Assays up to **0.1% Ni, 0.11% Cu, 37.1% Fe, 0.06% Zn, 0.07% Co and 0.38 oz/ton silver (>10 g/t Ag)**. Showing mapped @ 1:50,000 as migmatite, biotite-quartz-feldspar-pelite to psammite by *K. MacLachlan et al in 2005. Lithologies at Deighton* carried from Rottenstone mapped in vicinity of Deighton Lake Occurrence. Claims contiguous with **Fathom Nickel Inc** who recently announced intersection of 13m of Rottenstone-like stratigraphy (658 ppm Ni over 13 m including 4200 ppm NI, 882 ppm Cu, 164 ppm Co, 460 ppb Pd and 580 ppb Pt over 1.17 m) 4.2 km south of the **Historic Rottenstone Mine** (40,000 tons, 3.2% Ni, 1.8% Cu, 10 g/t PGE plus Co). Recent buyback of the 2% NSR on the Albert Lake Property from Uravan Minerals Inc. Currently drilling on their 90,000-ha project.

WAPAWEKKA GOLD/COPPER CLAIMS FOR OPTION

Please contact Gary Dunn for details: gdeexploration@gmail.com

The Property comprise two claims, MC00014300 and 14310, in good standing to 12/16/2023 & 12/16/2024, that were staked following the recent release of the VTEM-Max airborne electromagnetic and magnetic surveys on the Southern Glennie. The claims are readily accessed by truck to the west end of Wapawekka Lake and then by boat, or by floatplane out of La Ronge. The property is described in SMDI #0678 with drill holes #2 and #3 encountering *1 to 2% pyrite, pyrrhotite and minor chalcopyrite over "tens of feet"* as disseminations and thin bands and as 25-50% Po and locally 15% cpy in thin bands in association with quartz veins cutting silicified metavolcanics. The main sulphide zone was intersected over 325-410 ft (99.1-129.5 m) for 30.4 m in hole #2 with copper and gold credits (up to 0.38% Cu and 0.02 oz/t Au (0.57 g/t) over 1 m). Assays to 2.52% Cu and 0.01 oz/t Au were returned from Hole #3 which lies on the current Dunn Claims. **(NOTE: Composite drill core can be examined at Precambrian Core Lab in La Ronge).**

Undrilled Target Anomaly #1: 2021 lake sediment sampling resulted in gold values of **30 ppb Au** in two samples (#8 and #9) and **100 ppb Au** in one sample (#10) for an interpreted length of approximately **800 m**, part of the 2600 m long VTEM conductor running across the Dunn property. This anomaly has coincident lake sediment copper results of **66 ppm Cu** (#9) as well as soil sampling results of **27 ppm Cu** and 3 ppb Au (#9). There are also coincident anomalous arsenic values of 10 ppm As in soil (#9) and 12 ppm As in lake sediment (#9).

Company Directory

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Fission Uranium Corp
700 - 1620 Dickson Ave
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Fortune Bay Corp.
 2001-1969 Upper Water Street
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