

August 2021

# Northern Saskatchewan Mineral Exploration Highlights

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## THE FRONT PAGE

### NEWS

#### **Cameco reports second quarter results, further contracting progress and the continued execution of strategy to support global clean-air transition Saskatoon, Saskatchewan, Canada, July 28, 2021 . . . . .(excerpts)**

Tim Gitzel, Cameco's President and CEO. "We are not at the regular tier-one run rate of our business. We are taking the steps we believe are necessary, including investing in digital and automation technologies, to support the restart of our tier-one assets to create a more flexible asset base that will allow us to align our production decisions with our contract portfolio commitments and opportunities, allow us to eliminate the care and maintenance costs incurred while our tier-one production is suspended, and to benefit from the very favourable life-of-mine economics our tier-one assets provide. "Despite the near-term costs of our strategy and associated with the precautionary production suspensions at Cigar Lake, we have a strong balance sheet. We ended the quarter with about \$1.2 billion dollars in cash. We also successfully added an additional 7 million pounds U3O8 to our long-term sales contract portfolio, bringing the total contracted so far in 2021 to 16 million pounds. "We are excited about the future of nuclear power generation, about the fundamentals of uranium supply and demand and about the prospects for our company and remain committed to our tier-one strategy and to our vision. Globally, we see demand for both traditional and non-traditional uses of nuclear power growing as the increasing focus on electrification while phasing out carbon intensive sources of energy continues to take hold. "Our vision to energize a clean-air world recognizes that we have an important role to play in enabling the vast reductions in greenhouse gas emissions required to accomplish the targets being set by countries and companies around the world to achieve a resilient, net-zero carbon economy. We are vertically integrated across the nuclear fuel cycle. Our uranium and fuel services products are used around the world in the generation of safe, carbon-free, affordable, base-load nuclear energy. In addition, we are exploring other emerging and non-traditional opportunities within the fuel cycle, which align well with our commitment to responsibly and sustainably manage our business and increase our contributions to global climate change solutions, such as our investment in Global Laser Enrichment LLC and the memorandum of understanding signed with GE Hitachi Nuclear Energy and Global Nuclear Fuel-Americas to explore several areas of cooperation to advance the commercialization and deployment of BWRX-300 small modular reactors in Canada and around the world.

## **Cameco, GE Hitachi and Global Nuclear Fuel to Examine Potential Collaboration to Support BWRX-300 Small Modular Reactor Deployment**

SASKATOON, Saskatchewan, July 07, 2021 (GLOBE NEWSWIRE) --

**Cameco** (TSX: CCO; NYSE: CCJ), GE Hitachi Nuclear Energy (GEH) and Global Nuclear Fuel-Americas (GNF-A) have entered into a Memorandum of Understanding to explore several areas of cooperation to advance the commercialization and deployment of BWRX-300 small modular reactors (SMRs) in Canada and around the world.

“Nuclear power will play a massive role in the global shift to zero-carbon energy, generating a lot of momentum for emerging SMR and advanced reactor technologies,” said Cameco president and CEO Tim Gitzel. “Cameco intends to be a go-to fuel supplier for these innovative reactors. We’re looking forward to working with GEH and GNF to see what opportunities might exist around their novel SMR design.”

Cameco supplies uranium, uranium refining and conversion services to the nuclear industry worldwide and is a leading manufacturer of fuel assemblies and reactor components for CANDU reactors.

“We are excited to explore opportunities with Cameco to advance the commercialization of the BWRX-300,” said Jay Wileman, President & CEO, GEH. “As we work to bring the world’s first grid-scale SMR to Canada we will continue to identify strategic partners whose capabilities will support the deployment of this game-changing technology in Canada and worldwide.”

“BWR and CANDU fuel types are closely related as both use similar cladding materials as well as ceramic, uranium dioxide fuel pellets so this type of collaboration offers the potential to extract significant synergies between the two fuel designs and manufacturing processes, enabling the expansion of Canada’s local fuel supply chain capabilities,” said Lisa McBride, Canada SMR Country Leader for GEH.

The BWRX-300 is a 300 MWe water-cooled, natural circulation SMR with passive safety systems that leverages the design and licensing basis of GEH’s U.S. NRC-certified ESBWR. Through dramatic and innovative design simplification, GEH projects the BWRX-300 will require significantly less capital cost per MW when compared to other SMR designs.

By leveraging the existing ESBWR design certification, utilizing the licensed and proven GNF2 fuel design, and incorporating proven components and supply chain expertise, GEH believes the BWRX-300 can become the lowest-risk, most cost-competitive and quickest to market SMR.

An independent report by PwC Canada, commissioned by GEH, estimates that the construction and operation of the first BWRX-300 in Ontario is expected to generate approximately \$2.3 billion in Gross Domestic Product (GDP), \$1.9 billion in labour income and more than \$750 million in federal, provincial and municipal tax revenue over its lifespan. The report estimates that each subsequent BWRX-300 deployed in Ontario and other provinces is expected to further generate more than \$1.1 billion in GDP and more than \$300 million in tax revenue.

This MOU is not exclusive and does not preclude GEH or Cameco from pursuing similar arrangements with other companies in the nuclear energy sector.

## TRANSFORMATIVE MUON TECHNOLOGY DEPLOYED AT McCLEAN LAKE

**The world's first cosmic-ray muon detector developed specifically for use in industry-standard boreholes, has been deployed at Orano's McClean Lake site in northern Saskatchewan where it will be used to image a uranium deposit. The technology developed by Canadian start-up company Ideon Technologies could transform mineral exploration.**

Muon tomography uses muons - naturally occurring subatomic particles created when cosmic rays enter Earth's upper atmosphere - to provide x-ray-like imaging up to 1 km beneath the Earth's surface. This means that new mineral and metal deposits can be identified with precision and confidence, with less need for drilling, reducing costs and risks, saving time and minimising environmental impact.

Ideon - a spin-off of Canada's TRIUMF national particle accelerator laboratory - has developed a discovery platform which integrates proprietary muon detectors, imaging systems, inversion technologies, and artificial intelligence to produce high-resolution 3D density maps of underground targets. The company has been working with Orano since 2016, when its first-generation large format detectors were used to image a high-grade uranium deposit under 600 m of sandstone at the McArthur River mine.

A miniaturisation effort has led to the development of the first industry-standard borehole (less than 10 cm in diameter), low-power (less than 10W continuous power consumption), zero-maintenance muon tomography detector suitable for operation in the extreme environmental conditions of mineral exploration sites around the world. Its deployment is a milestone that has taken more than a decade to reach, Ideon CEO Gary Agnew said.

### *Deploying the detector in the borehole*

"We've spent seven years doing commercial trials in partnership with the mining industry and several years of system design and development, de-risking and prototyping in the lab," he said.

"Orano has been there right along with us for much of that journey, leading the way as a customer-driven innovator in the global energy transition. We are grateful for their enthusiasm, flexibility, trust, and willingness to break new ground with us."

Hervé Toubon, R&D and innovation director at Orano Mining, said the company expects the project to "transform the very nature" of exploration. It is "virtually impossible" to detect high-grade deposits at depth using traditional geophysical exploration techniques, he said. "The subsurface intelligence we gain with muon tomography gives us the ability to accurately locate those anomalies while reducing the need for drilling and lowering our overall environmental impact. That value proposition is hard to beat."

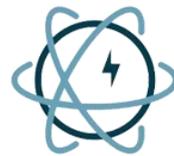
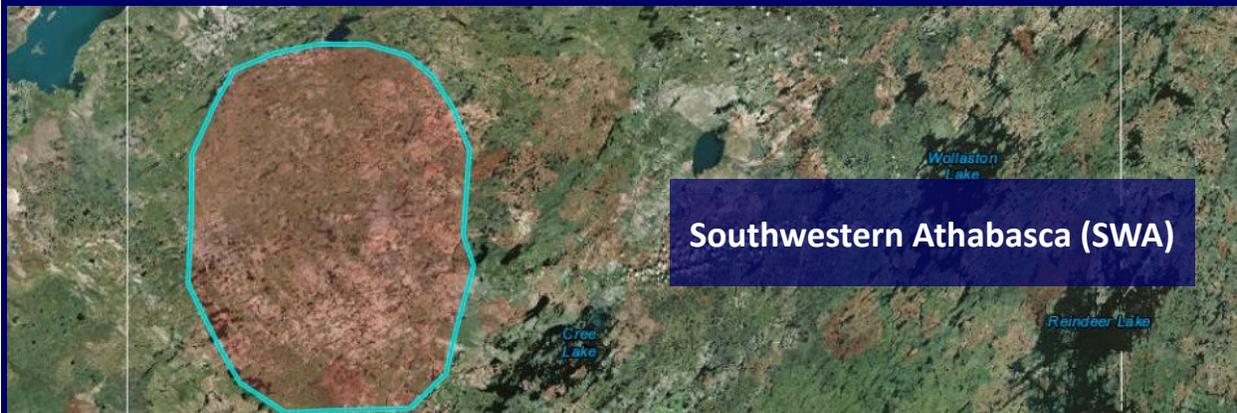
## **TRANSFORMATIVE MUON TECHNOLOGY DEPLOYED AT McCLEAN LAKE**

Orano's imaging target is a high-grade, compact uranium deposit located at a depth of 300 m. Multiple borehole muon detectors are deployed down a single drill hole in a connected sequence, delivering progressive imaging results throughout the survey. The McClean Lake project, which is approved by the Eureka intergovernmental R&D funding and coordination organisation, is receiving advisory services and funding support from the National Research Council of Canada Industrial Research Assistance Program and will run until the end of 2021.

In addition to muon tomography models, Ideon said it will also work with Orano to develop joint inversions with existing drill data and other geophysical datasets.

Muon detection systems have also been used to investigate passively the contents of legacy waste containers at Sellafield in the UK and to investigate the location of molten fuel within the damaged reactors at the Fukushima Daiichi plant in Japan.

*(Researched and written by World Nuclear News)*



## AZINCOURT ENERGY

Azincourt provided an update on the upcoming Summer Exploration Program at the **East Preston Uranium Project**, a JV between Azincourt Energy (70%), **Dixie Gold Inc** (15%) and **Skyharbour Resources Ltd** (15%).

Highlights include

- the primary target is the conductive corridor from the A-Zone through to the G-Zone
- the selection of this trend is based on a compilation of results from 2018 through 2020 including ground-based EM and gravity surveys, property-wide VTEM and magnetic surveys, and the 2019 through 2021 drill programs
- Terralogic Exploration Inc** has been contracted to facilitate an airborne radiometric survey over the previously un-surveyed southern portion of the property and conduct field investigations of resulting anomalies
- the fixed-wing radiometric survey will consist of approximately 1700 line-kms @ 50 m spacing and flown at a minimum low altitude
- preparation continues for a late summer/early fall diamond drilling program totaling approximately 1,000 m remaining from the winter program
- an extensive 6,000 m drill program consisting of 25-30 holes to be completed in the winter of 2022.



Fission announced that assays from its winter 2021, resource expansion program have confirmed high-grade uranium mineralization on multiple lines between 900 E and 1125 E. All 20 holes returned wide intercepts in multiple stacked intervals in each hole with 15 holes hitting high-grade intervals.

Highlights include

- PLS 21-602 (line 915E) intersected 69.5 m of total composite uranium mineralization (TCM) in multiple stacked intervals including 4.5 m @ 18.63% U3O8 in 14.5 m @ 6.11% U3O8
  - PLS 21-600 (line 900E) intersected 62.5 m of TCM including 11.5 m @ 4.62% U3O8 including 5.0 M @ 9.27% U3O8
  - PLS 21-597 (line 900E) 70 M TCM including 16.0 m @ 1.12% U3O8 including 1.0 m @ 7.53 % U3O8
  - PLS 21-607 (line 1065E) 40 m TCM including 17.0 m @ 2.97% U3O8 including 2.5 m @ 14.67% U3O8
- All 20 holes will be used to remodel this area of the **R780E resource**, which will be used for the feasibility study (**FS**).



NexGen announced a Community Update

Highlights include

- signing of Impact Benefit Agreement with Buffalo River Dene Nation
- signing of Mutual Benefit Agreement with Birch Narrows Dene Nation
- appointed community-based Project Liaison Manager, Robert St Pierre, past President Local Metis 39, also served as Mayor of La Loche from 2016 to 2020.
- the Court of Queen's Bench for Saskatchewan has dismissed MN-S application. (Metis Nation-Saskatchewan).

NexGen announced the commencement of 2021 Fieldwork & Regional Exploration drilling program at the **Rook 1 Project**

Highlights include

- the **Rook 1 property** is host to numerous EM conductors and structural corridors which have yet to be explored
- target is high-priority areas within a 10 km radius of Arrow including along the **Patterson Lake Corridor** which hosts the **Arrow Deposit**
- together with the priority targets along the **Derkson Corridor** which is directly parallel to the east of the Patterson Corridor
- in addition to the exploration program, fieldwork will be completed in support of Front End Engineering Design ("FEED") on the Rook 1 Project.
- surface investigations will include the completion of test pits and sonic boreholes in locations of planned surface infrastructure
- diamond drilling will focus on geological, geotechnical and hydrogeological characterization of the rock mass proximal to the underground Life of Mine ("LOM") infrastructure in support of "FEED"
- the drilling will further validate the current design and support the final design of the Underground Tailings Management Facility ("UGTMF")



Baselode provided an update on exploration activities on their Catharsis, Hook and Shadow projects.

Highlights include

**Catharsis:**

- staked an additional 36,000 ha contiguous to Catharsis. The acquisitions host high-grade uranium surface occurrences up to 7.65 wt% U<sub>3</sub>O<sub>8</sub>
- the acquisitions cover a geological corridor hosting rock types similar to Cameco's basement-hosted Eagle Point uranium mine
- exploration drill permits received. Baselode plans to drill 2500 m in 10-12 holes commencing in October 2021
- an airborne VTEM geophysical survey is currently being flown
- ground geological mapping and prospecting on the **Catharsis project** has been completed. The recent fieldwork identified favourable geology including quartzite in outcrop and Athabasca sandstone boulders, which appear locally sourced, suggesting the **Athabasca Basin** once covered the Catharsis project area billions of years ago.

**Hook:**

- a high-resolution airborne radiometric & magnetic survey has begun over Hook
- a 2500 m drill program is planned to commence in August 2021

**Shadow:**

- Baselode remains engaged in positive discussions with indigenous communities on all three projects.



Denison Mines provided a progress update on the **In-Situ Recovery (ISR)** field test activities occurring at **Phase 1** of the high-grade **Phoenix** uranium deposit at the Company's **Wheeler River Uranium Project**

Interim Progress Highlights include

- completed installation of 5 new commercial-scale wells (CSW's) planned for the Test Pattern located in the Phase 1 area of Phoenix
- installation of 9 monitoring wells (MW's) to facilitate ongoing observation of the current and future hydrogeological test work
- collection of baseline hydrogeologic information and deployed permeability enhancement Max-PERF drilling tool
- discovery of high-grade mineralization in GWR-045 which was completed as part of the ISR field test program to install MW's and was expected to intersect low-grade mineralization. The drill hole intersected high-grade, unconformity-associated uranium mineralization grading 22.0% eU3O8 over 8.6 m. The high-grade mineralization remains open to the NW

Highlights of activities planned for remainder of 2021 ISR Field Program

- multi-day pump and injection tests to be conducted on the full-scale Test Pattern
- ion tracer tests will be conducted by injecting and recovering solution with dissolved inorganic salts throughout the full-scale Test Pattern
- deployment and evaluation of additional permeability enhancement techniques
- extensive collection and analysis of permeameter samples from new and historic drill core for the assessment of matrix permeability spatially distributed throughout the areas representative of all of the mining phases planned for **Phoenix**



Iso Energy announced exploration plans for the 2021 program

Highlights include

**Larocque East**

- a 30 hole 12,000 m diamond drilling campaign is planned beginning in August 2021
- drilling has 3 objectives: expansion, infill and exploration of the **Hurricane Zone**
- 53 line-km DC-resistivity survey recently completed

**Geiger**

- 12 diamond drill holes totaling 4200 m are planned
- drilling will target the eastern portion of the project where historical drill holes intersected positive results

**Collins Bay Extension**

- an airborne VTEM and spectrometer survey is planned
- 567 line-km survey will cover SW portion of project, and is intended to map the NE extensions of the Tent-Seal and Collins Bay trends



Forum provided a mid-year review of current exploration activities and plans for the remainder of 2021

Highlights include

**Janice Lake Cu/Ag (Rio Tinto Option to earn 80%)**

-Rio Tinto continues drilling at the 2.6 km **Rafuse** target, the 4<sup>th</sup> target drilled by RTEC over a 6 km strike length.

-4 holes have been drilled to date following up on the 9 hole winter program

-drilling will continue through the summer

-field crews have been mapping & sampling in the area of the 3.8% Cu boulder discovered in 2020

**Love Lake Ni/Cu/Palladium**

-results received from airborne EM survey

-finalizing drill targets from the survey as well as targeting the surface Cu/Ni/Pt/Pd showings

-3000 m drill program planned to commence in August 2021

**Wollaston Uranium**

-compilation of geological, geophysical and drilling data has been completed

-gravity survey was partially completed due to early spring breakup

-gravity crews will complete the survey this fall

**NW Athabasca JV (39.5% Forum, 28% NexGen, 20% Cameco & 12.5% Orano)**

-Forum, as Operator, is planning to propose a drill program to the JV for the winter of 2022

-the property includes the historical 1.5 Mlb **Maurice Bay** uranium deposit based on 600,000 tonnes @ 0.6% U3O8 to a depth of 50 m



Searchlight has completed staking on 3 rare earth projects.

Highlights include

-**Kulyk Lake**: expanded to 105.4 sq km. 21 rare earth showings including the Kulyk Lake trenching which yielded 45.1% TREO and 10.08% CREO over 0.6 m and 24.44% TREO and 5.49% CREO over 0.7 m.

-**Miller Lake**: staking covered GSC lake sediment sample, 2,792 ppm TREE, 221 ppm U and 169 ppm Th.

-**Bear Lake**: expanded to 21.8 sq km. Previous work by SGS returned outcrop assays of 19.94% TREO and 3.53% CREO. Located within 30 km of Hoidas Lake Rare Earth Deposit and 25 km of Alces Lake Rare Earth Project.



Skyharbour Resources announced that partner company **Valor Resources Ltd** has received the results of the airborne VLF-EM geophysical survey completed over the **Hook Lake Project**, located 60 km east of the Key Lake uranium mine.

Highlights include

- both the VLF-EM and the Magnetic data confirm extensive NE-SW trending structures as well as N-S structures
- data confirms known uranium showings are situated where these structural trends intersect and in close association with shallow VLF-EM conductors
- the N-S structural features may represent the influence of the Tabernor Fault System
- heat maps illustrating structural complexity highlighted additional areas for follow-up work
- field work has commenced at Hook
- work approvals received including approval for drilling
- airborne radiometric survey has commenced with coverage of the NE 1/3 of the Hook Lake Project



## VALOR RESOURCES

Valor (ASX), has acquired 5 prospective uranium projects within or along the Athabasca Basin. 4 were acquired through staking and the 5<sup>th</sup> purchased under a binding agreement with two independent vendors (Prospectors). Once completed, Valor's landholdings will increase to 98,600 ha

Highlights include

- Hidden Bay Project:** 3190 ha located 20 km S-SW of the Rabbit Lake Uranium Mine. An historical uranium occurrence is reported within the claim area.
- Surprise Creek Project:** 2370 ha, located 25 km NW of Uranium City, was subject to historical exploration between the 1960's and 1970's with the last work reported in 1979
- Pendleton Lake Project:** 3758 ha contiguous to Rio Tinto and the Janice Lake Sedimentary Copper Project as well as 10 km south of Valor's **Hook Project**. Uranium & copper potential. Located along the Needle Falls Shear Zone with several historical uranium occurrences.
- Smitty & Lorado Uranium Mines:** historically explored from the mid to late 1950's.  
At **Smitty**, located 4 km west of Uranium City, disseminated pitchblende mineralization was mined over a strike length of 150 m, maximum width of 4.6 m and to a depth of 230 m between 1953 and 1960.  
At **Lorado**, located 10 km south of Uranium City, underground mining of pitchblende and secondary uranium mineralization associated with disseminated pyrite and chalcopyrite was conducted along a strike length of 200 m to a depth of 213 m between 1954 and 1960.  
Valor is currently reviewing historical data from the newly acquired projects to determine targets for follow-up.

On-ground follow-up of the airborne Mag and VLF at **Hook Lake** is to commence in July 2021.



## VALOR RESOURCES

**Valor Resources (ASX)** have received the results of the airborne VLF-EM survey conducted over the **Hook Lake Project**. The survey reinforces the size potential of the historic uranium occurrences and highlights additional targets.

Highlights include

- both the VLF-EM and the Magnetic data confirm extensive NE-SW trending structures as well as N-S structures
- data confirms known uranium showings are situated where these structural trends intersect and in close association with shallow VLF-EM conductors
- the N-S structural features may represent the influence of the **Tabbemor Fault System**. The Tabbemor Fault System is a wide structural feature that runs N-S for over 1500 km. It has been proposed that reactivation of the Tabbemor Fault System coincided with the formation of large uranium deposits in the Athabasca Basin and the Tabbemor System may have controlled deposit location. Deposits exhibiting N-S structural control, with features consistent with the Tabbemor System, include Rabbit Lake (Collins Bay B Zone and Eagle Point), Dawn Lake, Midwest Lake and the Sue deposit.
- heat maps illustrating structural complexity highlighted additional areas for follow-up work
- field work has commenced at Hook Lake
- work approvals received including approval for diamond drilling which is targeted for Q4 2021
- airborne radiometric survey has commenced with coverage of the NE 1/3 of the Hook Lake Project

**Valor Resources** has completed the acquisition of the **Pendleton Lake Claims**, comprising 6 claims totaling 3758 ha and located 10 km south of the Hook Lake property. The claims are on-trend of the Janice Lake Cu-Ag Project currently being explored by Rio Tinto Exploration Canada Inc.



**Eagle Plains**  
Resources Ltd.

EPL:TSX-V

Eagle Plains has commenced a ground-based geophysical survey at the **Schott's Lake Cu-Zn Project**. The claims cover 2160 ha located 40 km NW of Flin Flon.

Highlights include

- ground-based EM survey over 6.5 line-kms
- 3-D modelling of existing DDH data will be completed
- objective to identify possible down-plunge extensions of the existing deposit and search for similar mineralization elsewhere on the property
- 2021 work managed by **Terralogic Exploration Services**

**Eagle Plains** have executed a formal agreement with **Canter Capital Corp** whereby **Canter** holds the exclusive right to earn a 60% interest in EPL's **Schott's Lake copper-zinc Project**.



Fathom Nickel has completed Phase 1 of the Summer Field Program on the **Albert Lake Project**. Field crews returned to initiate Phase 2 on July 23<sup>rd</sup>.

Highlights on Phase 1 include

->2,000 soil samples collected for B-horizon soil geochemistry focusing on an area SW of the known **Tremblay Olson Showing**, and an area 4-5 km S-SE of the **Rottenstone Mine extension**

-geological mapping has confirmed outcrops of mafic (gabbro) - ultramafic occurrences coincident with Rottenstone-like MAG features, 10 km S-SW of the historic **Rottenstone Mine**

-the gravity survey initiated on lake ice during the Q1-2021 drilling program was continued to cover numerous islands within Rottenstone Lake and the area north of the historic Rottenstone Mine and further NE to cover the **Mawdsley Target** area. Gravity measurements were taken at 347 stations

-BHEM on 9 historic drill holes and on recently drilled AL21017 have been completed. BHEM results for AL21017 drilled south of the historic **Rottenstone Mine** has confirmed the Ni-Co-Cu-PGE mineralization remaining at Rottenstone does have a positive BHEM signal. This BHEM signal is now recognized in several off-hole BHEM responses detected in the **Big Island** area, 400 m west of the **Rottenstone Mine** and in DDH AL21021, 550 m NW of the Rottenstone Mine and in a historic DDH 100 m north of the Mine.

Highlights of upcoming Fall Drill Program include

-drill program will focus on **BHEM** targets identified, and areas where significant ultramafic intersections were drilled by previous operators of the property

-drilling will commence the first week of September 2021

-Phase 1 interpretation of the spring **Heli-MAG** survey is in hand. 19 geophysical and structural target areas are recommended



Foran Mining announced the completion of its infill drill program at its **McIlvenna Bay** deposit, and the commencement of its near-mine expansion and regional exploration program

Highlights include

-MB-21-24 intersected 21.7 m of continuous mineralization including 1.27% Cu, 2.9% Zn, 22.2 g/t Ag and 0.38 g/t Au over 2.3 m (**MS**) and 1.02% Cu, 0.71% Zn, 9.5 g/t Ag and 0.32 g/t Au over 19.3 m (**CSZ**)

-MB-21-243 intersected 13.6 m of continuous mineralization grading 2.5% CuEq including 1.13% Cu, 12.81% Zn, 36.0 g/t Ag and 0.8 g/t Au over 1.9 m (**MS**) and 1.05% Cu, 1.35% Zn, 12.1 g/t Ag and 0.52 g/t Au over 8.2 m (**CSZ**)

-MB-21-244a included a significant intercept (14.3 m @ 1.59% CuEq) at the edge of the 2019 resource outline including 1.27% Cu, 0.44% Zn, 8.59 g/t Ag and 0.13 g/t Au over 14.3 m

-MB-210245 intersected 28.1 m grading 1.71% CuEq from the **CSZ** including 1.38% Cu, 0.43% Zn, 9.1 g/t Ag and 0.15 g/t Au over 28.1 m



Rockridge announced the final results from its recently completed diamond drilling program at its **Knife Lake Copper Project**.

Highlights include

- 2021 drill program expanded to 2043 m in 12 holes
- drill intercepts at **Gilbert South** target area include pyrrhotite-pyrite dominated VMS-style mineralization hosted at the same stratigraphic horizon as the Knife Lake Deposit
- KF 21-022 returned 0.73% Cu, 0.06 g/t Au, 2.98 g/t Ag, 0.15% Zn and 0.01% Co (0.88% CuEq) over 21.11 m
- Rockridge will commence a summer exploration program which includes a VTEM Plus airborne geophysical survey to expand on the winter survey.
- Follow-up diamond drilling is planned for later in the year.

Knife Lake is the subject of an option agreement whereby Rockridge may earn a 100% interest from **Eagle Plains Resources Ltd** by making certain cash payments and share issuances and completing exploration expenditures over a 4-year period. EPL will retain a 2% NSR.



SKRR Exploration announced the beginning of field work at the **Manson Bay Gold Project**. Permits have been received and drilling is planned for early September 2021. Preparations are also underway for 2021 drilling and exploration on the **Leland Gold Project**, the **Olson Gold Project** as well as the **Manson Bay Gold Project**.



Taiga Gold has received analytical results from **SGO Mining**, a wholly owned subsidiary of **SSR Mining Inc**, from drilling on the **Fisher property**, a JV between SSRM (80%) and TGC (20%).

Highlights include

- widespread high-grade mineralization confirmed by drilling at **Mac North Zone** over a down-plunge area of 180 m X 650 m, open in all directions
- all 4 holes completed reported > 1 g/t Au with VG in 2 holes
- DDH FIS 21-065 returned 4.91 g/t Au over 8.13 m including 7.25 g/t Au over 5.13 m including 22.99 g/t Au over 1.46 m
- DDH FS 21-064 returned 3.76 g/t Au over 3.63 m including 7.2 g/t Au over 0.88 m
- DDH FS 21-062 returned 3.51 g/t Au over 2.83 m

The 2021 spring/summer drill program totaling 2835.9 m in 7 holes has recently been concluded. Results will be released once received and QAAC and compilation completed. Ongoing exploration is expected to continue following analysis and interpretation of results.



Appia provided an update on the drilling program to expand and confirm the extent of the high-grade mineralization of rare earth elements (**REE**) and gallium on its **Alces Lake Project**.

Highlights include

- completion of geological mapping & prospecting over key areas
- stripping of overburden and channel sampling, detailed mapping of new and existing REE occurrences
- 125 rock samples sent to SRC
- high resolution ground Mag-VLF EM survey completed over key areas
- completion of high-resolution air photo survey as well as digital elevation model over the entire property
- airborne radiometric-magnetic survey currently underway over the entire property
- drill team about to mobilize. Two rigs will drill 5700 m in a helicopter-supported program
- 4000 m is dedicated to identifying the depth potential of the **WRCB Zone** (Wilson-Richard-Charles-Bell).



CanAlaska has mobilized a crew to begin kimberlite indicator mineral (“KIM”) sampling down-ice of its **West Athabasca Diamond Project**.

Highlights include

- the Company holds 51,654 ha encompassing over 300 circular magnetic anomalies
- the new KIM till sampling program will focus in close proximity to outcrop locations



Forum provided a mid-year review of current exploration activities and plans for the remainder of 2021

Highlights include

**Fir Island (Orano option to earn 70%)**

- Forum completed 10 holes on the **Cathy target** during the winter drill program
- identified a strong boron halo strengthening to the north
- Forum and Orano will review the results with a view to planning a drill program in the winter of 2022



Searchlight has completed staking on 3 rare earth projects.

Highlights include

- Kulyk Lake:** expanded to 105.4 sq km. 21 rare earth showings including the Kulyk Lake trenching which yielded 45.1% TREO and 10.08% CREO over 0.6 m and 24.44% TREO and 5.49% CREO over 0.7 m.
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## COMMODITIES AT A GLANCE

### URANIUM

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- the primary target is the conductive corridor from the A-Zone through to the G-Zone
- the selection of this trend is based on a compilation of results from 2018 through 2020 including ground-based EM and gravity surveys, property-wide VTEM and magnetic surveys, and the 2019 through 2021 drill programs
- Terralogic Exploration Inc** has been contracted to facilitate an airborne radiometric survey over the previously un-surveyed southern portion of the property and conduct field investigations of resulting anomalies
- the fixed-wing radiometric survey will consist of approximately 1700 line-kms @ 50 m spacing and flown at a minimum low altitude
- preparation continues for a late summer/early fall diamond drilling program totaling approximately 1,000 m remaining from the winter program
- an extensive 6,000 m drill program consisting of 25-30 holes to be completed in the winter of 2022.

**Baselode Energy Corp** provided an update on exploration activities on their **Catharsis, Hook and Shadow** projects.

Highlights include

**Catharsis:**

- staked an additional 36,000 ha contiguous to Catharsis. The acquisitions host high-grade uranium surface occurrences up to 7.65 wt% U<sub>3</sub>O<sub>8</sub>
- the acquisitions cover a geological corridor hosting rock types similar to Cameco's basement-hosted Eagle Point uranium mine
- exploration drill permits received. Baselode plans to drill 2500 m in 10-12 holes commencing in October 2021
- an airborne VTEM geophysical survey is currently being flown
- ground geological mapping and prospecting on the **Catharsis project** has been completed. The recent fieldwork identified favourable geology including quartzite in outcrop and Athabasca sandstone boulders, which appear locally sourced, suggesting the **Athabasca Basin** once covered the Catharsis project area billions of years ago.

**Hook:**

- a high-resolution airborne radiometric & magnetic survey has begun over Hook
- a 2500 m drill program is planned to commence in August 2021

**Shadow:**

- Baselode remains engaged in positive discussions with indigenous communities on all three projects.

## COMMODITIES AT A GLANCE

**Denison Mines Corp** provided a progress update on the **In-Situ Recovery (ISR)** field test activities occurring at **Phase 1** of the high-grade **Phoenix** uranium deposit at the Company's **Wheeler River Uranium Project**

Interim Progress Highlights include

- completed installation of 5 new commercial-scale wells (CSW's) planned for the Test Pattern located in the Phase 1 area of Phoenix
- installation of 9 monitoring wells (MW's) to facilitate ongoing observation of the current and future hydrogeological test work
- collection of baseline hydrogeologic information and deployed permeability enhancement Max-PERF drilling tool
- discovery of high-grade mineralization in GWR-045 which was completed as part of the ISR field test program to install MW's and was expected to intersect low-grade mineralization. The drill hole intersected high-grade, unconformity-associated uranium mineralization grading 22.0% eU3O8 over 8.6 m. The high-grade mineralization remains open to the NW

Highlights of activities planned for remainder of 2021 ISR Field Program

- multi-day pump and injection tests to be conducted on the full-scale Test Pattern
- ion tracer tests will be conducted by injecting and recovering solution with dissolved inorganic salts throughout the full-scale Test Pattern
- deployment and evaluation of additional permeability enhancement techniques
- extensive collection and analysis of permeameter samples from new and historic drill core for the assessment of matrix permeability spatially distributed throughout the areas representative of all of the mining phases planned for **Phoenix**

**Fission Uranium Corp** announced that assays from its winter 2021, resource expansion program have confirmed high-grade uranium mineralization on multiple lines between 900 E and 1125 E. All 20 holes returned wide intercepts in multiple stacked intervals in each hole with 15 holes hitting high-grade intervals.

Highlights include

- PLS 21-602 (line 915E) intersected 69.5 m of total composite uranium mineralization (TCM) in multiple stacked intervals including 4.5 m @ 18.63% U3O8 in 14.5 m @ 6.11% U3O8
- PLS 21-600 (line 900E) intersected 62.5 m of TCM including 11.5 m @ 4.62% U3O8 including 5.0 M @ 9.27% U3O8
- PLS 21-597 (line 900E) 70 M TCM including 16.0 m @ 1.12% U3O8 including 1.0 m @ 7.53 % U3O8
- PLS 21-607 (line 1065E) 40 m TCM including 17.0 m @ 2.97% U3O8 including 2.5 m @ 14.67% U3O8

All 20 holes will be used to remodel this area of the **R780E resource**, which will be used for the feasibility study (**FS**).

## COMMODITIES AT A GLANCE

**ISO Energy Ltd** announced exploration plans for the 2021 program

Highlights include

### **Larocque East**

- a 30 hole 12,000 m diamond drilling campaign is planned beginning in August 2021
- drilling has 3 objectives: expansion, infill and exploration of the **Hurricane Zone**
- 53 line-km DC-resistivity survey recently completed

### **Geiger**

- 12 diamond drill holes totaling 4200 m are planned
- drilling will target the eastern portion of the project where historical drill holes intersected positive results

### **Collins Bay Extension**

- an airborne VTEM and spectrometer survey is planned
- 567 line-km survey will cover SW portion of project, and is intended to map the NE extensions of the Tent-Seal and Collins Bay trends.

**Purepoint Uranium Group Inc** announced the completion of its drill program and the staking of additional ground at its **Umfreville uranium project**. Purepoint also provided an introduction to its 4 new projects that make up the **Tabbarnor Block**, all of which lie on the eastern edge of the Athabasca Basin.

Highlights include

- the **Tabbarnor Fault** system runs north-south for approximately 1500 km and is associated with gold & uranium discoveries
- the **Tabbarnor Block** is made up of 4 individual projects covering over 66,000 ha
- Purepoint has now staked claims to the south of the Athabasca Basin based on north-south lineaments linking the Key Lake and Millenium deposits, the Midwest and West Bear deposits, the Jeb and Raven deposits and the Collins Bay and Eagle Point deposits.
- Purepoint has completed drilling on its **Umfreville** project
- based on initial results, additional property has been staked. Assays are pending.

**Forum Energy Metals Corp** provided a mid-year review of current exploration activities and plans for the remainder of 2021

Highlights include

### **Fir Island (Orano option to earn 70%)**

- Forum completed 10 holes on the **Cathy target** during the winter drill program
- identified a strong boron halo strengthening to the north
- Forum and Orano will review the results with a view to planning a drill program in the winter of 2022

### **Wollaston Uranium**

- compilation of geological, geophysical and drilling data has been completed
- gravity survey was partially completed due to early spring breakup
- gravity crews will complete the survey this fall

### **NW Athabasca JV (39.5% Forum, 28% NexGen, 20% Cameco & 12.5% Orano)**

- Forum, as Operator, is planning to propose a drill program to the JV for the winter of 2022
- the property includes the historical 1.5 Mlb **Maurice Bay** uranium deposit based on 600,000 tonnes @ 0.6% U3O8 to a depth of 50 m

## COMMODITIES AT A GLANCE

**NexGen Energy Ltd** announced the commencement of 2021 Fieldwork & Regional Exploration drilling program at the **Rook 1 Project**

Highlights include

- the **Rook 1 property** is host to numerous EM conductors and structural corridors which have yet to be explored
- target is high-priority areas within a 10 km radius of Arrow including along the **Patterson Lake Corridor** which hosts the **Arrow Deposit**
- together with the priority targets along the **Derkson Corridor** which is directly parallel to the east of the Patterson Corridor
- in addition to the exploration program, fieldwork will be completed in support of Front End Engineering Design (“FEED”) on the Rook 1 Project.
- surface investigations will include the completion of test pits and sonic boreholes in locations of planned surface infrastructure
- diamond drilling will focus on geological, geotechnical and hydrogeological characterization of the rock mass proximal to the underground Life of Mine (“LOM”) infrastructure in support of “FEED”
- the drilling will further validate the current design and support the final design of the Underground Tailings Management Facility (“UGTMF”)

**Skyharbour Resources Ltd** announced that partner company **Valor Resources Ltd** has received the results of the airborne VLF-EM geophysical survey completed over the **Hook Lake Project**, located 60 km east of the Key Lake uranium mine.

Highlights include

- both the VLF-EM and the Magnetic data confirm extensive NE-SW trending structures as well as N-S structures
- data confirms known uranium showings are situated where these structural trends intersect and in close association with shallow VLF-EM conductors
- the N-S structural features may represent the influence of the Tabbernor Fault System
- heat maps illustrating structural complexity highlighted additional areas for follow-up work
- field work has commenced at Hook
- work approvals received including approval for drilling
- airborne radiometric survey has commenced with coverage of the NE 1/3 of the Hook Lake Project

## COMMODITIES AT A GLANCE

**Valor Resources Ltd** (ASX), has acquired 5 prospective uranium projects within or along the Athabasca Basin. 4 were acquired through staking and the 5<sup>th</sup> purchased under a binding agreement with two independent vendors (Prospectors). Once completed, Valor's landholdings will increase to 98,600 ha

Highlights include

**-Hidden Bay Project:** 3190 ha located 20 km S-SW of the Rabbit Lake Uranium Mine. An historical uranium occurrence is reported within the claim area.

**-Surprise Creek Project:** 2370 ha, located 25 km NW of Uranium City, was subject to historical exploration between the 1960's and 1970's with the last work reported in 1979

**-Pendleton Lake Project:** 3758 ha contiguous to Rio Tinto and the Janice Lake Sedimentary Copper Project as well as 10 km south of Valor's **Hook Project**. Uranium & copper potential. Located along the Needle Falls Shear Zone with several historical uranium occurrences.

**-Smitty & Lorado Uranium Mines:** historically explored from the mid to late 1950's.

At **Smitty**, located 4 km west of Uranium City, disseminated pitchblende mineralization was mined over a strike length of 150 m, maximum width of 4.6 m and to a depth of 230 m between 1953 and 1960.

At **Lorado**, located 10 km south of Uranium City, underground mining of pitchblende and secondary uranium mineralization associated with disseminated pyrite and chalcopyrite was conducted along a strike length of 200 m to a depth of 213 m between 1954 and 1960.

Valor is currently reviewing historical data from the newly acquired projects to determine targets for follow-up.

On-ground follow-up of the airborne Mag and VLF at **Hook Lake** is to commence in July 2021.

**Valor Resources Ltd** have received the results of the airborne VLF-EM survey conducted over the **Hook Lake Project**. The survey reinforces the size potential of the historic uranium occurrences and highlights additional targets.

Highlights include

-both the VLF-EM and the Magnetic data confirm extensive NE-SW trending structures as well as N-S structures

-data confirms known uranium showings are situated where these structural trends intersect and in close association with shallow VLF-EM conductors

-the N-S structural features may represent the influence of the **Tabbemor Fault System**. The Tabbemor Fault System is a wide structural feature that runs N-S for over 1500 km. It has been proposed that reactivation of the Tabbemor Fault System coincided with the formation of large uranium deposits in the Athabasca Basin and the Tabbemor System may have controlled deposit location. Deposits exhibiting N-S structural control, with features consistent with the Tabbemor System, include Rabbit Lake (Collins Bay B Zone and Eagle Point), Dawn Lake, Midwest Lake and the Sue deposit.

-heat maps illustrating structural complexity highlighted additional areas for follow-up work

-field work has commenced at Hook Lake

-work approvals received including approval for diamond drilling which is targeted for Q4 2021

-airborne radiometric survey has commenced with coverage of the NE 1/3 of the Hook Lake Project

**Valor Resources** has completed the acquisition of the **Pendleton Lake Claims**, comprising 6 claims totaling 3758 ha and located 10 km south of the Hook Lake property. The claims are on-trend of the Janice Lake Cu-Ag Project currently being explored by Rio Tinto Exploration Canada Inc.

## COMMODITIES AT A GLANCE

### REE's (Rare Earth Elements)

**Appia Energy Corp** provided an update on the drilling program to expand and confirm the extent of the high-grade mineralization of rare earth elements (REE) and gallium on its **Alces Lake Project**.

#### Highlights include

- completion of geological mapping & prospecting over key areas
- stripping of overburden and channel sampling, detailed mapping of new and existing REE occurrences
- 125 rock samples sent to SRC
- high resolution ground Mag-VLF EM survey completed over key areas
- completion of high-resolution air photo survey as well as digital elevation model over the entire property
- airborne radiometric-magnetic survey currently underway over the entire property
- drill team about to mobilize. Two rigs will drill 5700 m in a helicopter-supported program
- 4000 m is dedicated to identifying the depth potential of the **WRCB Zone** (Wilson-Richard-Charles-Bell).

**Searchlight Resources Inc** has completed staking on 3 rare earth projects.

\*(TREO=Total Rare Earth Oxides, CREO=Critical Rare Earth Oxides, sum of Pr6011 + Nd203+Tb407+Dy203. TREE=Total Rare Earth Elements).

#### Highlights include

- Kulyk Lake:** expanded to 105.4 sq km. 21 rare earth showings including the Kulyk Lake trenching which yielded 45.1% TREO and 10.08% CREO over 0.6 m and 24.44% TREO and 5.49% CREO over 0.7 m.
- Miller Lake:** staking covered GSC lake sediment sample, 2,792 ppm TREE, 221 ppm U and 169 ppm Th.
- Bear Lake:** expanded to 21.8 sq km. Previous work by SGS returned outcrop assays of 19.94% TREO and 3.53% CREO. Located within 30 km of Hoidas Lake Rare Earth Deposit and 25 km of Alces Lake Rare Earth Project.

### DIAMONDS

**Canalaska Uranium Ltd** has mobilized a crew to begin kimberlite indicator mineral ("KIM") sampling down-ice of its **West Athabasca Diamond Project**.

#### Highlights include

- the Company holds 51,654 ha encompassing over 300 circular magnetic anomalies
- the new KIM till sampling program will focus in close proximity to outcrop locations

## COMMODITIES AT A GLANCE

### BASE METALS

**Eagle Plains Resources Ltd** has commenced a ground-based geophysical survey at the **Schott's Lake Cu-Zn Project**. The claims cover 2160 ha located 40 km NW of Flin Flon.

#### Highlights include

- ground-based EM survey over 6.5 line-kms
- 3-D modelling of existing DDH data will be completed
- objective to identify possible down-plunge extensions of the existing deposit and search for similar mineralization elsewhere on the property
- 2021 work managed by **Terralogic Exploration Services**

**Eagle Plains** have executed a formal agreement with **Canter Capital Corp** whereby **Canter** holds the exclusive right to earn a 60% interest in EPL's **Schott's Lake copper-zinc Project**.

**Fathom Nickel Inc** has completed Phase 1 of the Summer Field Program on the **Albert Lake Project**. Field crews returned to initiate Phase 2 on July 23<sup>rd</sup>.

#### Highlights on Phase 1 include

- >2,000 soil samples collected for B-horizon soil geochemistry focusing on an area SW of the known **Tremblay Olson Showing**, and an area 4-5 km S-SE of the **Rottenstone Mine extension**
- geological mapping has confirmed outcrops of mafic (gabbro) - ultramafic occurrences coincident with Rottenstone-like MAG features, 10 km S-SW of the historic **Rottenstone Mine**
- the gravity survey initiated on lake ice during the Q1-2021 drilling program was continued to cover numerous islands within Rottenstone Lake and the area north of the historic Rottenstone Mine and further NE to cover the **Mawdsley Target** area. Gravity measurements were taken at 347 stations
- BHEM on 9 historic drill holes and on recently drilled AL21017 have been completed. BHEM results for AL21017 drilled south of the historic **Rottenstone Mine** has confirmed the Ni-Co-Cu-PGE mineralization remaining at Rottenstone does have a positive BHEM signal. This BHEM signal is now recognized in several off-hole BHEM responses detected in the **Big Island** area, 400 m west of the **Rottenstone Mine** and in DDH AL21021, 550 m NW of the Rottenstone Mine and in a historic DDH 100 m north of the Mine.

#### Highlights of upcoming Fall Drill Program include

- drill program will focus on **BHEM** targets identified, and areas where significant ultramafic intersections were drilled by previous operators of the property
- drilling will commence the first week of September 2021
- Phase 1 interpretation of the spring **Heli-MAG** survey is in hand. 19 geophysical and structural target areas are recommended

## COMMODITIES AT A GLANCE

**Foran Mining Corp** announced the completion of its infill drill program at its **McIlvenna Bay** deposit, and the commencement of its near-mine expansion and regional exploration program

### Highlights include

- MB-21-24 intersected 21.7 m of continuous mineralization including 1.27% Cu, 2.9% Zn, 22.2 g/t Ag and 0.38 g/t Au over 2.3 m (**MS**) and 1.02% Cu, 0.71% Zn, 9.5 g/t Ag and 0.32 g/t Au over 19.3 m (**CSZ**)
- MB-21-243 intersected 13.6 m of continuous mineralization grading 2.5% CuEq including 1.13% Cu, 12.81% Zn, 36.0 g/t Ag and 0.8 g/t Au over 1.9 m (**MS**) and 1.05% Cu, 1.35% Zn, 12.1 g/t Ag and 0.52 g/t Au over 8.2 m (**CSZ**)
- MB-21-244a included a significant intercept (14.3 m @ 1.59% CuEq) at the edge of the 2019 resource outline including 1.27% Cu, 0.44% Zn, 8.59 g/t Ag and 0.13 g/t Au over 14.3 m
- MB-210245 intersected 28.1 m grading 1.71% CuEq from the **CSZ** including 1.38% Cu, 0.43% Zn, 9.1 g/t Ag and 0.15 g/t Au over 28.1 m

**Forum Energy Metals Corp** provided a mid-year review of current exploration activities and plans for the remainder of 2021

### Highlights include

#### **Janice Lake Cu/Ag (Rio Tinto Option to earn 80%)**

- Rio Tinto continues drilling at the 2.6 km **Rafuse** target, the 4<sup>th</sup> target drilled by RTEC over a 6 km strike length.
- 4 holes have been drilled to date following up on the 9 hole winter program
- drilling will continue through the summer
- field crews have been mapping & sampling in the area of the 3.8% Cu boulder discovered in 2020

#### **Love Lake Ni/Cu/Palladium**

- results received from airborne EM survey
- finalizing drill targets from the survey as well as targeting the surface Cu/Ni/Pt/Pd showings
- 3000 m drill program planned to commence in August 2021

**Rockridge Resources Ltd** announced the final results from its recently completed diamond drilling program at its **Knife Lake Copper Project**.

### Highlights include

- 2021 drill program expanded to 2043 m in 12 holes
- drill intercepts at **Gilbert South** target area include pyrrhotite-pyrite dominated VMS-style mineralization hosted at the same stratigraphic horizon as the Knife Lake Deposit
- KF 21-022 returned 0.73% Cu, 0.06 g/t Au, 2.98 g/t Ag, 0.15% Zn and 0.01% Co (0.88% CuEq) over 21.11 m
- Rockridge will commence a summer exploration program which includes a VTEM Plus airborne geophysical survey to expand on the winter survey.
- Follow-up diamond drilling is planned for later in the year.

Knife Lake is the subject of an option agreement whereby Rockridge may earn a 100% interest from **Eagle Plains Resources Ltd** by making certain cash payments and share issuances and completing exploration expenditures over a 4-year period. EPL will retain a 2% NSR.

## COMMODITIES AT A GLANCE

### PGE's

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

**Fathom Nickel Inc** has completed Phase 1 of the Summer Field Program on the **Albert Lake Project**. Field crews returned to initiate Phase 2 on July 23<sup>rd</sup>.

#### Highlights on Phase 1 include

->2,000 soil samples collected for B-horizon soil geochemistry focusing on an area SW of the known **Tremblay Olson Showing**, and an area 4-5 km S-SE of the **Rottenstone Mine extension**

-geological mapping has confirmed outcrops of mafic (gabbro) - ultramafic occurrences coincident with Rottenstone-like MAG features, 10 km S-SW of the historic **Rottenstone Mine**

-the gravity survey initiated on lake ice during the Q1-2021 drilling program was continued to cover numerous islands within Rottenstone Lake and the area north of the historic Rottenstone Mine and further NE to cover the **Mawdsley Target** area. Gravity measurements were taken at 347 stations

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-drilling will commence the first week of September 2021

-Phase 1 interpretation of the spring **Heli-MAG** survey is in hand. 19 geophysical and structural target areas are recommended

**Forum Energy Metals Corp** provided a mid-year review of current exploration activities and plans for the remainder of 2021

#### Highlights include

##### **Love Lake Ni/Cu/Palladium**

-results received from airborne EM survey

-finalizing drill targets from the survey as well as targeting the surface Cu/Ni/**Pt/Pd** showings

-3000 m drill program planned to commence in August 2021

## COMMODITIES AT A GLANCE

### SILVER

Foran Mining announced the completion of its infill drill program at its **McIlvenna Bay** deposit, and the commencement of its near-mine expansion and regional exploration program

#### Highlights include

-MB-21-24 intersected 21.7 m of continuous mineralization including 1.27% Cu, 2.9% Zn, **22.2 g/t Ag** and 0.38 g/t Au over 2.3 m (**MS**) and 1.02% Cu, 0.71% Zn, **9.5 g/t Ag** and 0.32 g/t Au over 19.3 m (**CSZ**)

-MB-21-243 intersected 13.6 m of continuous mineralization grading 2.5% CuEq including 1.13% Cu, 12.81% Zn, **36.0 g/t Ag** and 0.8 g/t Au over 1.9 m (**MS**) and 1.05% Cu, 1.35% Zn, **12.1 g/t Ag** and 0.52 g/t Au over 8.2 m (**CSZ**)

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-MB-210245 intersected 28.1 m grading 1.71% CuEq from the **CSZ** including 1.38% Cu, 0.43% Zn, **9.1 g/t Ag** and 0.15 g/t Au over 28.1 m

**Rockridge Resources Ltd** announced the final results from its recently completed diamond drilling program at its **Knife Lake Copper Project**.

#### Highlights include

-2021 drill program expanded to 2043 m in 12 holes

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-Rockridge will commence a summer exploration program which includes a VTEM Plus airborne geophysical survey to expand on the winter survey.

-Follow-up diamond drilling is planned for later in the year.

Knife Lake is the subject of an option agreement whereby Rockridge may earn a 100% interest from **Eagle Plains Resources Ltd** by making certain cash payments and share issuances and completing exploration expenditures over a 4-year period. EPL will retain a 2% NSR.

## COMMODITIES AT A GLANCE

### GOLD

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-Follow-up diamond drilling is planned for later in the year.

Knife Lake is the subject of an option agreement whereby Rockridge may earn a 100% interest from **Eagle Plains Resources Ltd** by making certain cash payments and share issuances and completing exploration expenditures over a 4-year period. EPL will retain a 2% NSR.

**SKRR Exploration Inc** announced the beginning of field work at the **Manson Bay Gold Project**. Permits have been received and drilling is planned for early September 2021

Preparations are also underway for 2021 drilling and exploration on the **Leland Gold Project**, the **Olson Gold Project** as well as the **Manson Bay Gold Project**.

## COMMODITIES AT A GLANCE

**Taiga Gold Corp** has received analytical results from **SGO Mining**, a wholly owned subsidiary of **SSR Mining Inc**, from drilling on the **Fisher property**, a JV between SSRM (80%) and TGC (20%).

Highlights include

-widespread high-grade mineralization confirmed by drilling at **Mac North Zone** over a down-plunge area of 180 m X 650 m, open in all directions

-all 4 holes completed reported > 1 g/t Au with VG in 2 holes

-DDH FIS 21-065 returned 4.91 g/t Au over 8.13 m including 7.25 g/t Au over 5.13 m including 22.99 g/t Au over 1.46 m

-DDH FS 21-064 returned 3.76 g/t Au over 3.63 m including 7.2 g/t Au over 0.88 m

-DDH FS 21-062 returned 3.51 g/t Au over 2.83 m

The 2021 spring/summer drill program totaling 2835.9 m in 7 holes has recently been concluded. Results will be released once received and QAAC and compilation completed. Ongoing exploration is expected to continue following analysis and interpretation of results.

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**Deighton Lake:** (*Rottenstone*) 3 Claims (good into May 2023) cover 2 historic DDH's drilled by Sherritt Gordon in 1968. 77m (254 ft) sulphide-mineralized zone returned 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). Includes gold & PGE mineralization potential. On fold axial plane synform, similar geology as Rottenstone (K.MacLachlan, 2005). Multiple undrilled conductors (1957) staked with no modern exploration performed. Recommend soil geochemistry and VTEM/ Magnetic gradient surveys. Targets are additional Rottenstone-type Deposits. Claims contiguous to Fathom Nickel Inc (FNI) who have completed a large program of BHEM, gravity, soil geochemistry, geological mapping, and AirTEM surveys. Drilling targets 400 m & 550 m from Rottenstone Mine. Exploration target areas 4-5 and 10 km from the Rottenstone Mine.

### **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, .14% Cobalt and .22/% Copper over 2.7 Meters at the Gochager Lake Project.

For more information please email:  
**Chris Knudsen**  
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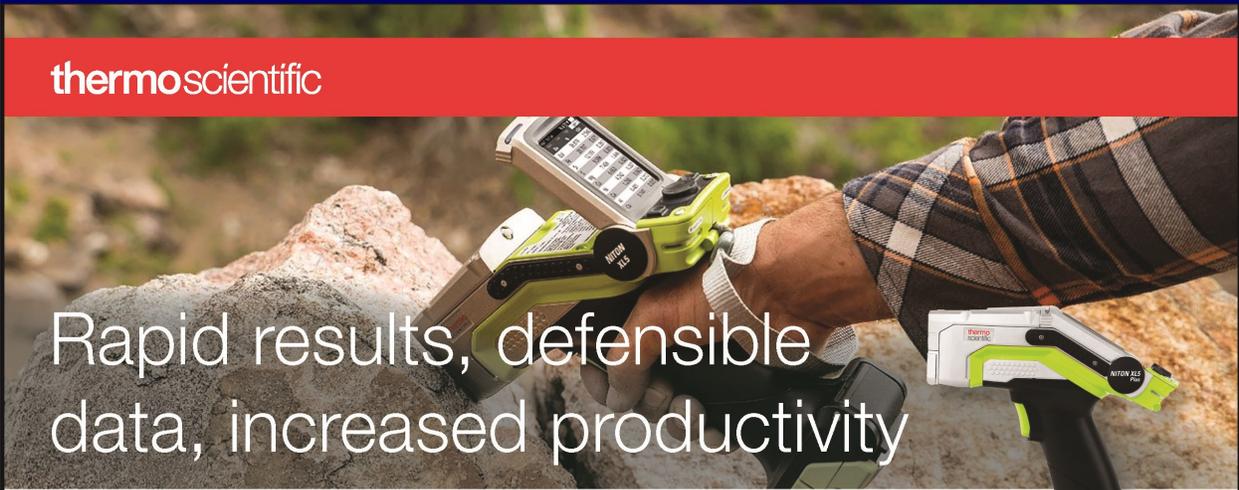
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