

March 2022

Northern Saskatchewan Mineral Exploration Highlights

Inside

| | |
|----------------------------------|----|
| The Front Page..... | 3 |
| Regional Activity..... | 7 |
| Commodities at a Glance..... | 20 |
| Advertisements..... | 28 |
| Company Directory..... | 36 |
| Exploration Service Directory... | 39 |

Photo Credit:
Jonathan Dunn
Points North Landing, SK

***Keewatin
Community
Development
Association***

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

Advertising Rates and Details

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:

Announcements - Full Page - \$100 + GST/ Month

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

Advertisements - Half Page - \$50 + GST/ Month

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

Business Card Ads - \$500 + GST/ Year

Business card ads - ideal for companies wanting to be included in our company directories. These companies are split into two categories: Mining companies, and Exploration Service companies. Business Card Ads are included with certain levels of sponsorship of our annual Core Days event.

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

CAMECO TO RESTART MACARTHUR RIVER URANIUM MINE

Feb 10, 2022 | Global News

Tim Gitzel says the time is right for Cameco to move forward with its supply discipline strategy as the Saskatoon-based uranium miner announced plans to restart its McArthur River operation in northern Saskatchewan.

Production was halted at the McArthur River in January 2018 and the mine was placed in care and maintenance mode.

Gitzel, Cameco's president and CEO, said production at the McArthur River mine and Key Lake mill is expected to be 15 million pounds yearly starting in 2024.

"It will take us some time to transition McArthur River/Key Lake from care and maintenance to its planned production capacity as we complete critical automation, digitization and other projects," Gitzel said in a statement Wednesday.

Volumes at Cameco's Cigar Lake operation will decrease in 2024 to 13.5 million pounds per year.

Gitzel said this will leave the company operating at about 40 per cent below its productive capacity in 2024, up from about 75 per cent below productive capacity in 2021.

"This will remain our production plan until we see further improvements in the uranium market and have made further progress in securing the appropriate homes for our unencumbered, in-ground inventory under long-term contracts, once again demonstrating that we are a responsible supplier of uranium fuel," he said.

(excerpts from Global News, David Giles, February 10, 2022)

COMMENTARY

02 February 2022

URANIUM EXPLORATION IN SASKATCHEWAN'S ATHABASCA BASIN AREA BY AUSTRALIAN AND UK-BASED COMPANIES

In recent months several Australian-based (and ASX listed) companies as well as one UK-Based company have joined the fray in the search for the next big uranium discovery in Saskatchewan's Athabasca Basin area. These companies are contributing significant financial resources as well as technical expertise to the Region. Most of these are listed below in alphabetical order.

In Australia at the start of 2017, four uranium projects had received ministerial approval to proceed. The approval gave companies Toro, Vimy and **Cameco Corp** (responsible for two projects), 5 years to demonstrate "substantial commencement" of their plans on-site.

For 3 of those plans, that timeline has now expired, with just one project-Vimy's Mulga Rock NE of Kalgoorlie-receiving notice that it has satisfied conditions and is able to proceed. (*ABC Rural by Tara de Landgraft, Feb 2, 2022*)

ASX Listed 92 Energy Ltd has 5 uranium project areas in the Athabasca Basin region-Gemini, Tower, Clover, Powerline and Cypress River. In late 2020 Gemini, Tower and Clover were purchased from ISO Energy Ltd.

During the summer of 2021 92 Energy drilled 4 holes at Gemini. GEM-004 intersected 5.5 m of 0.12% U3O8 including 1.0 m of 0.28% U3O8. The highest-grade assay within this interval is 0.5 m of 0.36% U3O8.

92 Energy Ltd (ASX) 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 including GEM-004 which returned 5.5 m of 0.12% U3O8.
- drilling with two rigs commenced February 10, 2022.

Basin Energy Ltd (an Australian unlisted company), has entered into a LOI with **Canalaska Uranium Ltd** 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.**

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, (a UK-Based Company), through its wholly owned Canadian subsidiary, controls 41,196ha within the Athabasca Basin. The portfolio was assembled through staking and is 100% owned by Power Metals. The 7 seven properties include **Thibaut Lake, Clearwater, Tait Hill, Soaring Bay, Cook Lake, E-12** and **Reitenbach** uranium properties. Power Metal 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.

Terra Uranium Pty Ltd (an Australian public limited corporation) and **Canalaska Uranium Ltd**, 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.

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
- at the **Cluff Lake Project** data compilation is well advanced along with permitting allowing for exploration to commence during the June Quarter. On the other 4 uranium projects, data compilation is underway.

Valor Resources Ltd holds the right to earn an 80% working interest in the **Hook Lake Uranium Project** from option partner **Skyharbour Resources Ltd**.

In addition, Valor holds a 100% equity interest in 19 contiguous claims covering 62,233ha 7 km east of the former producing **Cluff Lake Mine**.

5 additional projects with 100% equity interest include the **Surprise Creek Project, Pendleton Lake Project, Smitty Uranium Mine, Lorado Uranium Mine** and the **Hidden Bay Project**.

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 provided an update on the 2022 exploration program at the **East Preston Uranium Project**. 4 drill holes are complete and 2 are in progress on the **G-Zone**. One drill rig is being moved to the **K-Zone**. The Project is a JV between **Azincourt Energy (70%)**, **Dixie Gold Inc (15%)** and **Skyharbour Resources Ltd (15%)**.



Fission
URANIUM CORP.

Fission announced it has made rapid progress on the Feasibility Study (FS) and Environmental Assessment (EA) phase at the **Triple R Deposit** and has subsequently expanded its operations and technical team with the addition of 3 full-time members. These positions will provide support in the areas of Regulatory & Permitting, Geology, Operations and Northern Business Opportunities.



Standard announced final analytical results at its **Davidson River Project** and high-grade uranium assays from **Sun Dog Project** grab samples

Highlights include

Davidson River Project

-final results presented from 3 of the 11-hole summer program confirm geochemical pathfinder elements near altered and sheared basement structures

-deep-seated, strongly graphitic structural zones intersected in all 4 holes on the **Bronco Trend**, exhibiting 1.3 km of continuity along strike

Sun Dog Project

-4 additional high-grade boulder samples returned 1.08 wt% U₃O₈, 1.53 wt% U₃O₈, 2.54 wt% U₃O₈ and 2.95 wt% U₃O₈

-winter exploration program of UAV magnetic survey and ground gravity survey has commenced, with drilling planned to commence on March 1, 2022, comprising 3,000 m in 10 holes.

-**Skye, Haven** and **Java** targets to be tested along several kms of untested graphitic conductors coincident with cross-cutting faults and historical intersections of high-grade U₃O₈



92 Energy announced its follow-up drill program at the **GMZ Uranium Discovery** has commenced.

Highlights include

- drill program commenced with two rigs on site
- two rigs will carry out an initial 6,000 m of diamond drilling
- one drill will be positioned at the **Gemini Mineralized Zone (GMZ)** to follow up on the uranium discovery hole **GEM-004** which intersected 5.5 m @ 0.12% U3O8
- a second drill rig will evaluate other high priority targets on the Gemini Property including a 1.8 km long trend north of the **GMZ** and historic drilling locations at **Camp West** and **Wilfred**.



Baselode announced that a 10,000 m diamond drilling program has commenced on the high-grade uranium **ACKIO** discovery, **Hook Project**.

Highlights include

- ACKIO's mineralization remains open in all directions, and the objective of the drill program is to drill 50 m continuous "step-out" holes to the north and to the south along strike of the known high-grade mineralization
- the drill program is helicopter-supported to lessen any ground-induced environmental impacts



Canalaska announced compilation work on its newly acquired **Chymko Project** totalling 32,603 ha located 100 km west of Key Lake Mine/Mill

Highlights include

- highlighted several prominent NW-SE trending structural corridors where EM conductors are within Mag Lows
- project straddles the southern edge of the Athabasca Basin
- property encompasses the **Chymko Lake uranium showing**, a 30 m long SW trending, vein-controlled zone which returned up to 0.088 % U3O8

OTHER PROJECTS INCLUDE

West McArthur

- currently conducting a detailed Stepwise Moving Loop (TDEM) survey to be completed by April
- targets will be ready for drill-testing in the summer program

Key Extension

- geophysical crew mobilizing in coming weeks to commence a ground gravity survey on the NE portion of the project
- targets will be ready for drill-testing later in the year

Waterbury South

- currently drilling near the Cigar Lake Mine

West Athabasca Diamonds

- in the summer of 2021, 20 till samples were collected in a traverse across and down-ice from the magnetic anomaly trend
- 12 chrome spinels were recovered from 7 of the samples
- electron microprobe analysis of the chrome spinels yielded compositions that do not fall within the diamond inclusion field.



Denison announced multiple intersections of high-grade uranium mineralization beyond the previously defined extents of the high-grade domain in the Phase 1 area of the Zone A portion of the **Phoenix uranium deposit** at the **Wheeler River Project**.

Highlights include

- GWR-049 intersected 24.9% eU3O8 over 4.2 m
- WR-787 intersected 3.6% eU3O8 over 3.5 m
- WR-784 intersected 1.2% eU3O8 over 2.1 m



Forum announced it has received a drill permit for a 3,000 m diamond drilling program on its **Wolleston Uranium Project**, located 10 km SE of Cameco's Rabbit Lake Mill.

The Hatchet Lake Denesuline First Nation provided input on the project parameters during the engagement process and collaboration in providing services to Forum for execution of the drill program.



ISO announced the final assay results from its summer 2021 drilling of the **Hurricane Zone**.

Highlights include

- LE21-107 6.5 m @ 20.4% U3O8 including 3.5 m @ 34.5% U3O8 (southern expansion hole)
- LE21-87A 7.5 m @ 4.5% U3O8 (southern expansion hole)
- LE21-101 mineralization of 0.5 m @ 3.1% U3O8 confirms continued expansion potential
- Winter 2022 drilling program underway



Kiplin Metals announces it has identified two exploration targets at its **Cluff Lake Road Project** located along the road 29 km south of the Shea Creek Deposit.

Highlights include

- primary target is characterized as having the highest radon gas emissions in the 2017 survey which correlates with a strong N-S trending conductor which has a strike of 3.5 km
- 2022 IP/DC Resistivity survey will focus on the two target zones

MEDARO MINING

Medaro provided an update for an exploration program during the spring and summer 2022 on its **Yurchison** project, consisting of 12 claims optioned from **Skyharbour Resources Ltd**, whereby Medaro may earn up to a 70% interest.

Highlights include

- contracted J-J Minerals of Sudbury, Ontario to complete a comprehensive data compilation of the property
- all previous assessment files, government reports and maps will be gathered
- all geophysical reports and grid tiff files will be imported into ArcGIS mapping software
- an extensive exploration program will subsequently be mobilized this summer which will include a 5,000 km fixed wing airborne radiometric survey, prospecting, mapping, and ground geophysics
- all known showings and drill core will be mapped and sampled, with an estimated 1500-1600 samples taken for analysis



Skyharbour announced the results of the final 6 holes from its Summer/Fall 2021 diamond drilling program at its **Moore Uranium Project**, located 15 km east of Denison Mine's Wheeler River Project.

Highlights include

- ML-21-19 intersected 19.5 m of 0.54% U3O8 including 4.0 m of 2.07% U3O8. The hole tested the up-dip edge of the **Maverick East Zone** NE of previously reported ML-20-05 which returned 9.5 m of 0.23 % U3O8
 - ML-21-18 intersected 0.11 % U3O8 over 4.5 m and 0.15% U3O8 over 1.5 m
 - ML-21-03 returned 2.54% U3O8 over 6.0 m including 6.80% U3O8 over 2.0 m
 - ML-21-13 returned 0.99% U3O8 over 5.7 m including 1.51% U3O8 over 2.5 m
- Plans for an upcoming 2,500 m Winter Drilling Program to follow up at the **Maverick East Zone** and the **Viper Target**, as well as additional drilling at the **Grid 19** target area.



Valor announced that drilling has commenced at **Hook Lake**, and that an airborne gravity survey is planned for April. At the **Cluff Lake Project** data compilation is well advanced along with permitting allowing for exploration to commence during the June Quarter. On the other 4 uranium projects, data compilation is underway.



ALX Resources provided an update on the **Alligator Lake Gold Project** located 165 km NE of La Ronge

Highlights include

- 2022 exploration commenced in mid-January 2022, projected to consist of 8 drill holes totaling approximately 1,000 m
- three holes completed to date
- visible gold observed in AL22-01 at 99.48 m
- logging and sampling underway, with core samples from the first two holes sent to SRC Analytical Laboratories
- in addition, an induced polarization/resistivity (IP/Res) survey is underway spanning the **Broken Hammer** and **Radiant Shear Zones**



Fathom announced that significant nickel mineralization has been intersected in the second drill-hole of the Q1 2022 at the **Island Showing Area**, situated 500 m north of the high-grade Ni-Cu-Co+PGE historic **Rottenstone** deposit, on the **Albert Lake Project**.

Highlights include

- AL22040 intersected 10.2 m of nickel mineralization starting at 117.7 m
- portable X-Ray Fluorescence (“pXRF”) indicates the presence of nickel exceeding 30,000 ppm and copper exceeding 40,000 ppm (10,000 ppm = 1%)
- the Company continues to define a very favourable corridor in which multiple conductors occur over a strike length that now exceeds 130 m
- assays for Ni-Cu-Co+ PGE’s are pending
- drilling is encountering sulphide textures in ultramafic rocks that are analogous to magmatic nickel models and is also encountering nickel mineralization outside of the ultramafic rocks.
- several drillholes are planned to determine the dimension and orientation of the mineralization intersected in AL22040
- the winter program has been increased from 3,000 m drilling to 5,000 m



Foran has received initial permits for a proposed exploration decline as part of its pre-development program at its **Mclivenna Bay Project**

Highlights include

- exploration decline is planned to be 1,475 m in length and expected to reach the orebody in H2/2022
- plan is to extract a 4,400-tonne bulk sample for metallurgical testing and conduct underground drilling
- Foran has awarded contracts for land clearing, earthworks and civil construction to the Hanson Lake Northern JV, a partnership between Peter Ballantyne Group of Companies, CPI Construction and ThreeoSix Industrial
- Foran will advance Environmental Assessment activities concurrent with the development of the decline.

Foran Mining announced results from a **Feasibility Study (FS)** on its expanded and re-scoped initial mine plan for its **Mclivenna Bay Project**.

Highlights include

- at current prices the FS defines a pre-tax NPV7% of \$1.49B and IRR of 46% with an after-tax pay-back period of 2.2 years
- base-case economics outline a pre-tax NPV7% of \$678M and IRR of 26%
- compelling economics at lower commodity prices, delivering a pre-tax IRR of 21% at US\$3.00/lb copper
- probable mineral reserves total 25.7 Mt at 2.51% CuEq, a 127% increase in tonnes
- FS outlines an 18.4-year mine life, based on planned 4200 TPD throughput rate
- Mclivenna Bay remains open at depth and along strike
- FS highlights average annual production of 72.8 Mlbs CuEq over the first 15 years. This equates to 38.8 Mlbs copper, 63.6 Mlbs zinc, 20 k oz gold and 486 k oz silver

Foran will continue to be relentless in intertwining its pioneering **ESG Strategy** to target carbon neutrality while emphasizing the development of a sustainable asset for local communities. Along with key partners and industry experts, Foran is currently developing a number of exciting business initiatives.



North Arrow provided a report on kimberlite indicator mineral (**KIM**) results from samples collected in 2021 from its **Pikoo Project**.

Highlights include

- during October 2021 25 targeted till samples were collected
- anomalous KIM results from these samples, including kimberlitic pyrope garnet, ilmenite and chromite have confirmed unsourced KIM trains in the **North Pikoo** and **South Lovell** target areas
- at North Pikoo KIM counts in the 100's were returned from 3 samples from near the head of the train, with barren samples collected up-ice of the target area
- the North Pikoo and South Lovell trains confirm there are undiscovered kimberlites located on the property
- planning is underway to follow-up with a drilling program during the 2022 field season



Searchlight announced the completion of an airborne magnetic survey at the **Robinson Creek Gold Project** located 15 km west of Creighton.

Highlights include

- airborne magnetic survey covered the entire claim block @ 50 m line spacing
- survey results highlight the area of historical drilling along the Mosher Lake Shear Zone
- planning underway for a summer field program of trenching, sampling, and mapping

Searchlight announced it has completed the digitizing and compilation of historical drill holes at the **Robinson Creek Project**

Highlights include

- compilation of 70 historical drill holes from the 1940's and 1980's
- 60 drill holes have gold > 1 g/t Au
- 45 drill holes have gold intersections > 2.0 g/t Au over at least 1 m
- multiple gold intersections include DDH 81-2 with 2.46 g/t Au over 57.50 m, DDH HB-6 with 7.59 g/t Au over 10.94 m, DDH RO7-1 with 3.80 g/t Au over 21.00 m and DDH 81-1 with 2.15 g/t Au over 32.0 m
- the drill intersections and the 2021 magnetic survey outline a mineralized zone with a strike length of 1,000 m

Searchlight announced it has entered into an Option Agreement with **Willgrass Resources Inc** on the **Hanson Lake Project** located 65 km west of Flin Flon

Highlights include

- option agreement enables Willgrass to earn a 50% interest in the **Hanson Lake Project**
- 50/50 JV to be finalized on completion of the option
- exploration targets include Base Metals and Rare Element Pegmatites



SKRR reported intersections of arsenopyrite-bearing sulphides along with disseminated sulphides and quartz veining in the current and ongoing drill program at the **Olson Property** located 25 km west of the community of Deschambault Lake.

SKRR announced it has closed the 100% acquisition of the **Watts Lake Zinc Claims** located 65 km NE of La Ronge.



SSR Mining reported Fourth Quarter and Full Year 2021 Results.

Highlights include

Seabee

- increased gold mineral reserves at **Gap Hanging wall**
- mine plan in TRS includes a 151% increase in LOM production
- 6-year mine life
- average annual production of 96,000 ounces gold over the first 5 years
- production rate increasing from 382 tpa in 2021 to 425 tpa

Saskatchewan

SSR has expanded its land position with the proposed acquisition of **Taiga Gold Corp**

Other Regions (O)



ALX Resources provided an update on its **Gibbons Creek Uranium Project** located adjacent to the community of Stony Rapids

Highlights include

- ALX has identified drill targets utilizing ZTEM airborne survey data and a follow-up Spatiotemporal Geochemical Hydrocarbon (SGH) soil survey
- in early 2022 ALX engaged with First Nations and local communities regarding planned work
- scouting and flagging of the winter drill trails from the Community to the **Zinger** target is underway
- ALX projects that a diamond drilling program of up to 2,000 m in 5 holes will begin in late February 2022



Appia provided a progress report on bench-scale monazite processing and metallurgical testing on representative sample material from Appia's high-grade **REE** and **gallium Alces Lake Property**.

Highlights include

- laboratory heavy liquid separation tests recovered 95% of TREO in 45% of the mass of a deslimed feed sample
- preliminary locked-cycle flotation tests yielded a concentrate containing 48% TREO at 73% recovery
- two preliminary caustic cracking/acid leach tests on a 45% TREO flotation concentrate extracted 87% and 78% TREO
- preliminary data results show that the gallium concentration follows the rare earths through the beneficiation process and reports to the concentrate
- further laboratory test work to be conducted



Standard announced final analytical results at its **Davidson River Project** and high-grade uranium assays from **Sun Dog Project** grab samples

Highlights include

Davidson River Project

-final results presented from 3 of the 11-hole summer program confirm geochemical pathfinder elements near altered and sheared basement structures

-deep-seated, strongly graphitic structural zones intersected in all 4 holes on the **Bronco Trend**, exhibiting 1.3 km of continuity along strike

Sun Dog Project

-4 additional high-grade boulder samples returned 1.08 wt% U₃O₈, 1.53 wt% U₃O₈, 2.54 wt% U₃O₈ and 2.95 wt% U₃O₈

-winter exploration program of UAV magnetic survey and ground gravity survey has commenced, with drilling planned to commence on March 1, 2022, comprising 3,000 m in 10 holes.

-**Skye, Haven** and **Java** targets to be tested along several kms of untested graphitic conductors co-incident with cross-cutting faults and historical intersections of high-grade U₃O₈



Star Diamond announced an update on the **Fort a la Corne JV**

Highlights include

-a meeting of the "**FalCon Project JV**" is scheduled for March 4, 2022

-Joint Venture Management Committee ("JVMC") Star Diamond and Rio Tinto Exploration Canada Inc

-purpose of meeting is to review work from the last two field season and to approve an interim exploration budget for project work commencing April 1, 2022, through May 31, 2022

-this period will be for data review and consultation work

-**RTEC** has informed Star it intends to submit an additional Program and Budget for the field season to the JVMC prior to commencing work



TRENCH

METALS CORP.

Trench Metals announced the identification of two significant uranium trends on the **Higginson Lake Uranium Project**, following the completion of a review of historical work.

The northern uranium trend strikes E-SE from the **Charlebois Lake Showing** to the **Dianne Uranium Showing**, with projections to the SE on the recently expanded claims, extending for >7 kms.

Trench also announced the detailed examination of the **Peterson Rapids Showing** on the **Higginson Lake Extension** claim.

Highlights include

- the **Peterson Rapids Showing** is 103.6 m long with 21 trenches blasted over a zone length of 15.2 m

- sections of the zone assayed 0.10% U₃O₈ over 1.3 m and 0.35% U₃O₈ over 1.4 m

- 14 drill holes totaling 385.3 m were completed. Values from 0.05% U₃O₈ over 0.2 m to 0.25% U₃O₈ over 0.88 m were returned

- the samples were taken from pegmatite, which is in a quartzose biotite schist.

COMMODITIES AT A GLANCE

URANIUM

92 Energy Ltd announced its follow-up drill program at the **GMZ Uranium Discovery** has commenced.

Highlights include

- drill program commenced with two rigs on site
- two rigs will carry out an initial 6,000 m of diamond drilling
- one drill will be positioned at the **Gemini Mineralized Zone (GMZ)** to follow up on the uranium discovery hole **GEM-004** which intersected 5.5 m @ 0.12% U3O8
- a second drill rig will evaluate other high priority targets on the Gemini Property including a 1.8 km long trend north of the **GMZ** and historic drilling locations at **Camp West** and **Wilfred**.

ALX Resources Corp provided an update on its **Gibbons Creek Uranium Project** located adjacent to the community of Stony Rapids

Highlights include

- ALX has identified drill targets utilizing ZTEM airborne survey data and a follow-up Spatiotemporal Geochemical Hydrocarbon (SGH) soil survey
- in early 2022 ALX engaged with First Nations and local communities regarding planned work
- scouting and flagging of the winter drill trails from the Community to the **Zinger** target is under-way
- ALX projects that a diamond drilling program of up to 2,000 m in 5 holes will begin in late February 2022

Azincourt Energy Corp provided an update on the 2022 exploration program at the **East Preston Uranium Project**.

4 drill holes are complete and 2 are in progress on the **G-Zone**. One drill rig is being moved to the **K-Zone**.

The Project is a JV between **Azincourt Energy** (70%), **Dixie Gold Inc** (15%) and **Skyharbour Resources Ltd** (15%).

Baselode Energy Corp announced that a 10,000 m diamond drilling program has commenced on the high-grade uranium **ACKIO** discovery, **Hook Project**.

Highlights include

- ACKIO's mineralization remains open in all directions, and the objective of the drill program is to drill 50 m continuous "step-out" holes to the north and to the south along strike of the known high-grade mineralization
- the drill program is helicopter-supported to lessen any ground-induced environmental impacts

COMMODITIES AT A GLANCE

Canalaska Uranium Ltd announced compilation work on its newly acquired **Chymko Project** totaling 32,603 ha located 100 km west of Key Lake Mine/Mill

Highlights include

- highlighted several prominent NW-SE trending structural corridors where EM conductors are within Mag Lows
- project straddles the southern edge of the Athabasca Basin
- property encompasses the **Chymko Lake uranium showing**, a 30 m long SW trending, vein-controlled zone which returned up to 0.088 % U3O8

OTHER PROJECTS INCLUDE

West McArthur

- currently conducting a detailed Stepwise Moving Loop (TDEM) survey to be completed by April
- targets will be ready for drill-testing in the summer program

Key Extension

- geophysical crew mobilizing in coming weeks to commence a ground gravity survey on the NE portion of the project
- targets will be ready for drill-testing later in the year

Waterbury South

- currently drilling near the Cigar Lake Mine

Denison Mines Corp announced multiple intersections of high-grade uranium mineralization beyond the previously defined extents of the high-grade domain in the Phase 1 area of the Zone A portion of the **Phoenix uranium deposit** at the **Wheeler River Project**.

Highlights include

- GWR-049 intersected 24.9% eU3O8 over 4.2 m
- WR-787 intersected 3.6% eU3O8 over 3.5 m
- WR-784 intersected 1.2% eU3O8 over 2.1 m

Fission Uranium Corp announced it has made rapid progress on the Feasibility Study (FS) and Environmental Assessment (EA) phase at the **Triple R Deposit** and has subsequently expanded its operations and technical team with the addition of 3 full-time members. These positions will provide support in the areas of Regulatory & Permitting, Geology, Operations and Northern Business Opportunities.

Forum Energy Metals Corp announced it has received a drill permit for a 3,000 m diamond drilling program on its **Wollaston Uranium Project**, located 10 km SE of Cameco's Rabbit Lake Mill. The *Hatchet Lake Denesuline First Nation* provided input on the project parameters during the engagement process and collaboration in providing services to Forum for execution of the drill program.

ISO Energy Ltd announced the final assay results from its summer 2021 drilling of the **Hurricane Zone**.

Highlights include

- LE21-107 6.5 m @ 20.4% U3O8 including 3.5 m @ 34.5% U3O8 (southern expansion hole)
- LE21-87A 7.5 m @ 4.5% U3O8 (southern expansion hole)
- LE21-101 mineralization of 0.5 m @ 3.1% U3O8 confirms continued expansion potential
- Winter 2022 drilling program underway

COMMODITIES AT A GLANCE

Kiplin Metals Inc announces it has identified two exploration targets at its **Cluff Lake Road Project** located along the road 29 km south of the Shea Creek Deposit.

Highlights include

- primary target is characterized as having the highest radon gas emissions in the 2017 survey which correlates with a strong N-S trending conductor which has a strike of 3.5 km
- 2022 IP/DC Resistivity survey will focus on the two target zones

Medaro Mining Corp provided an update for an exploration program during the spring and summer 2022 on its **Yurchison** project, consisting of 12 claims optioned from **Skyharbour Resources Ltd**, whereby Medaro may earn up to a 70% interest.

Highlights include

- contracted J-J Minerals of Sudbury, Ontario to complete a comprehensive data compilation of the property
- all previous assessment files, government reports and maps will be gathered
- all geophysical reports and grid tiff files will be imported into ArcGIS mapping software
- an extensive exploration program will subsequently be mobilized this summer which will include a 5,000 km fixed wing airborne radiometric survey, prospecting, mapping, and ground geophysics
- all known showings and drill core will be mapped and sampled, with an estimated 1500-1600 samples taken for analysis

Skyharbour Resources Ltd announced the results of the final 6 holes from its Summer/Fall 2021 diamond drilling program at its **Moore Uranium Project**, located 15 km east of Denison Mine's Wheeler River Project.

Highlights include

- ML-21-19 intersected 19.5 m of 0.54% U3O8 including 4.0 m of 2.07% U3O8. The hole tested the up-dip edge of the **Maverick East Zone** NE of previously reported ML-20-05 which returned 9.5 m of 0.23 % U3O8
 - ML-21-18 intersected 0.11 % U3O8 over 4.5 m and 0.15% U3O8 over 1.5 m
 - ML-21-03 returned 2.54% U3O8 over 6.0 m including 6.80% U3O8 over 2.0 m
 - ML-21-13 returned 0.99% U3O8 over 5.7 m including 1.51% U3O8 over 2.5 m
- Plans for an upcoming 2,500 m Winter Drilling Program to follow up at the **Maverick East Zone** and the **Viper Target**, as well as additional drilling at the **Grid 19** target area.

Standard Uranium Ltd announced final analytical results at its **Davidson River Project** and high-grade uranium assays from **Sun Dog Project** grab samples

Highlights include

Davidson River Project

- final results presented from 3 of the 11-hole summer program confirm geochemical pathfinder elements near altered and sheared basement structures
- deep-seated, strongly graphitic structural zones intersected in all 4 holes on the **Bronco Trend**, exhibiting 1.3 km of continuity along strike

Sun Dog Project

- 4 additional high-grade boulder samples returned 1.08 wt% U3O8, 1.53 wt% U3O8, 2.54 wt% U3O8 and 2.95 wt% U3O8
- winter exploration program of UAV magnetic survey and ground gravity survey has commenced, with drilling planned to commence on March 1,2022, comprising 3,000 m in 10 holes.
- Skye, Haven** and **Java** targets to be tested along several kms of untested graphitic conductors coincident with cross-cutting faults and historical intersections of high-grade U3O8

COMMODITIES AT A GLANCE

Trench Metals Corp announced the identification of two significant uranium trends on the **Higginson Lake Uranium Project**, following the completion of a review of historical work.

The northern uranium trend strikes E-SE from the **Charlebois Lake Showing** to the **Dianne Uranium Showing**, with projections to the SE on the recently expanded claims, extending for >7 kms.

Trench Metals Corp announced the detailed examination of the **Peterson Rapids Showing** on the **Higginson Lake Extension** claim.

Highlights include

- the **Peterson Rapids Showing** is 103.6 m long with 21 trenches blasted over a zone length of 15.2 m
- sections of the zone assayed 0.10% U₃O₈ over 1.3 m and 0.35% U₃O₈ over 1.4 m
- 14 drill holes totaling 385.3 m were completed. Values from 0.05% U₃O₈ over 0.2 m to 0.25% U₃O₈ over 0.88 m were returned
- the samples were taken from pegmatite, which is in a quartzose biotite schist.

Valor Resources Ltd announced that drilling has commenced at **Hook Lake**, and that an airborne gravity survey is planned for April. At the **Cluff Lake Project** data compilation is well advanced along with permitting allowing for exploration to commence during the June Quarter. On the other 4 uranium projects, data compilation is underway.

REEs (Rare Earth Elements)

*TREO=total rare earth oxides=La₂O₃, CeO₂, Pr₆O₁₁, Nd₂O₃, Sm₂O₃, Eu₂O₃, Gd₂O₃, Tb₄O₇, Dy₂O₃, Ho₂O₃, Er₂O₃, Yb₂O₃, Y₂O₃

Appia Rare Earths and Uranium Corp provided a progress report on bench-scale monazite processing and metallurgical testing on representative sample material from Appia's high-grade **REE** and **gallium Alces Lake Property**.

Highlights include

- laboratory heavy liquid separation tests recovered 95% of TREO in 45% of the mass of a deslimed feed sample
- preliminary locked-cycle flotation tests yielded a concentrate containing 48% TREO at 73% recovery
- two preliminary caustic cracking/acid leach tests on a 45% TREO flotation concentrate extracted 87% and 78% TREO
- preliminary data results show that the gallium concentration follows the rare earths through the beneficiation process and reports to the concentrate
- further laboratory test work to be conducted
- test work performed at **SRC** in Saskatoon on a 50 kg representative composite of mineralized material from the **WRCB Zone** with a grade of approximately 9% **TREO**

Searchlight Resources Inc announced it has entered into an Option Agreement with **Willgrass Resources Inc** on the **Hanson Lake Project** located 65 km west of Flin Flon

Highlights include

- option agreement enables Willgrass to earn a 50% interest in the **Hanson Lake Project**
- 50/50 JV to be finalized on completion of the option
- exploration targets include Base Metals and Rare Element Pegmatites

COMMODITIES AT A GLANCE

DIAMONDS

Canalaska Uranium Ltd announced results of till sample analysis on the **West Athabasca Diamond Project**.

Highlights include

- in the summer of 2021, 20 till samples were collected in a traverse across and down-ice from the magnetic anomaly trend
- 12 chrome spinels were recovered from 7 of the samples
- electron microprobe analysis of the chrome spinels yielded compositions that do not fall within the diamond inclusion field.

North Arrow Minerals Inc provided a report on kimberlite indicator mineral (**KIM**) results from samples collected in 2021 from its **Pikoo Project**.

Highlights include

- during October 2021 25 targeted till samples were collected
- anomalous KIM results from these samples, including kimberlitic pyrope garnet, ilmenite and chromite have confirmed unsourced KIM trains in the **North Pikoo** and **South Lovell** target areas
- at North Pikoo KIM counts in the 100's were returned from 3 samples from near the head of the train, with barren samples collected up-ice of the target area
- the North Pikoo and South Lovell trains confirm there are undiscovered kimberlites located on the property
- planning is underway to follow-up with a drilling program during the 2022 field season

Star Diamond Corp announced an update on the **Fort a la Corne JV**

Highlights include

- a meeting of the "**FalCon Project JV**" is scheduled for March 4, 2022
- Joint Venture Management Committee ("JVMC") Star Diamond and Rio Tinto Exploration Canada Inc
- purpose of meeting is to review work from the last two field season and to approve an interim exploration budget for project work commencing April 1, 2022, through May 31, 2022
- this period will be for data review and consultation work
- RTEC has informed Star it intends to submit an additional Program and Budget for the field season to the JVMC prior to commencing work

COMMODITIES AT A GLANCE

BASE METALS

Fathom Nickel Inc announced that significant nickel mineralization has been intersected in the second drillhole of the Q1 2022 at the **Island Showing Area**, situated 500 m north of the high-grade Ni-Cu-Co+PGE historic **Rottenstone** deposit, on the **Albert Lake Project**.

Highlights include

- AL22040 intersected 10.2 m of nickel mineralization starting at 117.7 m
- portable X-Ray Fluorescence (“pXRF”) indicates the presence of nickel exceeding 30,000 ppm and copper exceeding 40,000 ppm (10,000 ppm = 1%)
- the Company continues to define a very favourable corridor in which multiple conductors occur over a strike length that now exceeds 130 m
- assays for Ni-Cu-Co+ PGE’s are pending
- drilling is encountering sulphide textures in ultramafic rocks that are analogous to magmatic nickel models and is also encountering nickel mineralization outside of the ultramafic rocks.
- several drillholes are planned to determine the dimension and orientation of the mineralization intersected in AL22040
- the winter program has been increased from 3,000 m drilling to 5,000 m

Foran Mining Corp has received initial permits for a proposed exploration decline as part of its pre-development program at its **Mclivenna Bay Project**

Highlights include

- exploration decline is planned to be 1,475 m in length and expected to reach the orebody in H2/2022
- plan is to extract a 4,400-tonne bulk sample for metallurgical testing and conduct underground drilling
- Foran has awarded contracts for land clearing, earthworks and civil construction to the Hanson Lake Northern JV, a partnership between Peter Ballantyne Group of Companies, CPI Construction and ThreeoSix Industrial
- Foran will advance Environmental Assessment activities concurrent with the development of the decline.

COMMODITIES AT A GLANCE

Foran Mining Corp announced results from a **Feasibility Study (FS)** on its expanded and re-scoped initial mine plan for its **McIlvenna Bay Project**.

Highlights include

- at current prices the FS defines a pre-tax NPV7% of \$1.49B and IRR of 46% with an after-tax pay-back period of 2.2 years
 - base-case economics outline a pre-tax NPV7% of \$678M and IRR of 26%
 - compelling economics at lower commodity prices, delivering a pre-tax IRR of 21% at US\$3.00/lb copper
 - probable mineral reserves total 25.7 Mt at 2.51% CuEq, a 127% increase in tonnes
 - FS outlines an 18.4-year mine life, based on planned 4200 TPD throughput rate
 - McIlvenna Bay remains open at depth and along strike
 - FS highlights average annual production of 72.8 Mlbs CuEq over the first 15 years. This equates to 38.8 Mlbs copper, 63.6 Mlbs zinc, 20 k oz gold and 486 k oz silver
- Foran will continue to be relentless in intertwining its pioneering **ESG Strategy** to target carbon neutrality while emphasizing the development of a sustainable asset for local communities. Along with key partners and industry experts, Foran is currently developing a number of exciting business initiatives.

SKRR Exploration Inc announced it has closed the 100% acquisition of the **Watts Lake Zinc Claims** located 65 km NE of La Ronge.

GOLD

ALX Resources Corp provided an update on the **Alligator Lake Gold Project** located 165 km NE of La Ronge

Highlights include

- 2022 exploration commenced in mid-January 2022, projected to consist of 8 drill holes totaling approximately 1,000 m
- three holes completed to date
- visible gold (**VG**) observed in AL22-01 at 99.48 m
- logging and sampling underway, with core samples from the first two holes sent to SRC Analytical Laboratories
- in addition, an induced polarization/resistivity (IP/Res) survey is underway spanning the **Broken Hammer** and **Radiant Shear Zones**

Searchlight Resources Inc announced the completion of an airborne magnetic survey at the **Robinson Creek Gold Project** located 15 km west of Creighton.

Highlights include

- airborne magnetic survey covered the entire claim block @ 50 m line spacing
- survey results highlight the area of historical drilling along the Mosher Lake Shear Zone
- planning underway for a summer field program of trenching, sampling, and mapping

COMMODITIES AT A GLANCE

Searchlight Resources Inc announced it has completed the digitizing and compilation of historical drill holes at the **Robinson Creek Project**

Highlights include

- compilation of 70 historical drill holes from the 1940's and 1980's
- 60 drill holes have gold > 1 g/t Au
- 45 drill holes have gold intersections > 2.0 g/t Au over at least 1 m
- multiple gold intersections include DDH 81-2 with **2.46 g/t Au over 57.50 m**, DDH HB-6 with **7.59 g/t Au over 10.94 m**, DDH RO7-1 with **3.80 g/t Au over 21.00 m** and DDH 81-1 with **2.15 g/t Au over 32.0 m**
- the drill intersections and the 2021 magnetic survey outline a mineralized zone with a strike length of 1,000 m

SKRR Exploration Inc reported intersections of arsenopyrite-bearing sulphides along with disseminated sulphides and quartz veining in the current and ongoing drill program at the **Olson Property** located 25 km west of the community of Deschambault Lake.

SSR Mining Inc reported Fourth Quarter and Full Year 2021 Results.

Highlights include

Seabee

- increased gold mineral reserves at **Gap Hanging wall**
- mine plan in TRS includes a 151% increase in LOM production
- 6-year mine life
- average annual production of 96,000 ounces gold over the first 5 years
- production rate increasing from 382 tpa in 2021 to 425 tpa

Saskatchewan

SSR has expanded its land position with the proposed acquisition of **Taiga Gold Corp**

PGEs

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

Fathom Nickel Inc announced that significant nickel mineralization has been intersected in the second drillhole of the Q1 2022 at the **Island Showing Area**, situated 500 m north of the high-grade Ni-Cu-Co+PGE historic **Rottenstone** deposit, on the **Albert Lake Project**.

Highlights include

- AL22040 intersected 10.2 m of nickel mineralization starting at 117.7 m
- portable X-Ray Fluorescence ("pXRF") indicates the presence of nickel exceeding 30,000 ppm and copper exceeding 40,000 ppm (10,000 ppm = 1%)
- the Company continues to define a very favourable corridor in which multiple conductors occur over a strike length that now exceeds 130 m
- assays for Ni-Cu-Co+ PGE's are pending
- drilling is encountering sulphide textures in ultramafic rocks that are analogous to magmatic nickel models and is also encountering nickel mineralization outside of the ultramafic rocks.
- several drillholes are planned to determine the dimension and orientation of the mineralization intersected in AL22040
- the winter program has been increased from 3,000 m drilling to 5,000 m

Advertisements

To advertise with us, email
office@kcda.ca

CORE DAYS 2022

La Ronge, SK

May 2nd, 3rd & 4th, 2022

Keewatin Community
Development Association &
Northlands College are pleased
to welcome you to attend this
year's events. For more
information: office@kcda.ca



Norseman



*Kimberlite drill core,
note inclusions and
kelyphite reaction
rim*



*Gold occurrence near
Stony Rapids*

Details on the presentations and
agenda will be provided soon!

*Keewatin
Community
Development
Association*

MARK YOUR CALENDAR

Advertisements

To advertise with us, email
office@kcda.ca

NORTHERN TALENT POOL

Send Job Postings to
office@kcda.ca and
we will refer qualified
candidates

Email: office@kcda.ca
Phone: (306) 425-4778

Connect with northern communities
Find qualified northern candidates
Specialized recruitment support such as
booking interviews and initial screening

***Keewatin
Community
Development
Association***

Advertisements

To advertise with us, email
office@kcda.ca



HELICOPTER CHARTER SERVICE

SPECIALIZING IN:

- Exploration support
- Remote diamond drill program support
- External load operations
- Wildfire management operations
- Wildlife surveying
- Search and rescue operations
- Medivac operations
- Powerline maintenance and patrol
- Aerial surveys and photography
- Helicopter sightseeing tours

ARROWHEAD
HELICOPTERS LTD.

ARROWHEAD HELICOPTERS LTD.

PO Box 989 | 819 Poirier Street, La Ronge, SK S0J 1L0

www.arrowheadhelicopters.com | 306-425-8477

AXIOM GROUP

INDUSTRY DRIVEN. CLIENT PROVEN

UNMANNED AERIAL VEHICLE &
HELICOPTER PLATFORMS



AERIAL MAGNETICS & LiDAR CO-COLLECTION

- GROUND PENETRATING RADAR
- ELECTROMAGNETICS
- THERMAL
- PHOTOGRAMMETRY
- SATELLITE ANALYSIS
- GEOPHYSICAL PROGRAM MANAGEMENT & PROCESSING
- VARIOUS 3D GEOPHYSICAL INVERSIONS

(306) 250 2226
WWW.AXIOMEX.COM
INFO@AXIOMEX.COM

Advertisements

To advertise with us, email
office@kcda.ca

Diamond Drill For Sale

Longyear 38 Diamond Drill for Sale, good condition ready to go to work.
Located in La Ronge, Saskatchewan

- Mounted in drill shack, additional fly in frame included with tooling and spares.
- 4 cylinder turbo John Deere diesel engine.
- Approximately 600 ft. NQ rods and 100 ft of casing
- 420 Bean pump/20 ft mast with basket
- Lots of spare parts including drill bits/mud/consumables
- Can send email with pictures of drill and extras upon request

\$35,000

(250) 318-7306
ckcash2@yahoo.ca
Chris Knudsen

AD SPACE AVAILABLE!

Contact us at (306) 425-4778 or by email at
office@kcda.ca to reserve this space now.
(Pricing on Page 2)

*Keewatin
Community
Development
Association*

Advertisements

To advertise with us, email
office@kcda.ca

thermoscientific



Rapid results, defensible
data, increased productivity

Thermo Scientific Niton XL5 Plus XRF makes a critical difference in mining exploration and production. Gain a competitive edge by bypassing the costly and time consuming process of sending samples to off-site laboratories. Achieve instant results with rapid sample analysis, real-time geochemical data to guide drilling decisions, and high-productivity operations using superior, built-in technology of the Niton XL5 Plus XRF.

Sales, Rentals, Service in Canada with Elemental Controls
866-544-9974 | www.elementalcontrols.com

Find out more at thermofisher.com/xl5plus

ThermoFisher
SCIENTIFIC

© Thermo Fisher Scientific Inc. All rights reserved. All other trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Please consult your local sales representative for details.



Eagle Plains
Resources Ltd.

EPL:TSX-V

Multiple

Exploration Properties
Drill Programs
Streams of Revenue
Decades of Operation
Possibilities of Discovery

One

Investment Opportunity

Advertisements

To advertise with us, email
office@kcda.ca

Targeted Mineral Exploration Incentive



saskatchewan.ca/invest

The incentive encourages and supports ground-based exploration for base metals, precious metals and diamonds, within a targeted area of Saskatchewan, where there is significant potential for these mineral commodities.

The TMEI provides a rebate of up to 25 per cent of direct drilling costs, on a prorated basis, up to an annual maximum of \$50,000 per company.

Learn more about this incentive and how to apply at: saskatchewan.ca/mineral-exploration-incentive

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

C.K.miningproperties@gmail.com

Advertisements

To advertise with us, email
office@kcda.ca

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

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). The 2nd hole of Winter 2022, 5,000 m drill program hit 10.2 m of nickel mineralization 500 m N of the historic Rottenstone Mine. *(Located within approximately 8 km of the Deighton DDH's 1&2 to the NW)

VMS-GOLD CLAIMS FOR OPTION

FLIN FLON/CREIGHTON CAMP

gdeexploration@gmail.com

The Claims, are located 35 km south of Flin Flon/Creighton and comprise 3 key claims (tied onto HudBay Minerals 5.03% Cu, 0.32% Zn, 5.14 g/t Ag), totalling 1,369 ha which are in good standing into **2023 & 2024**, part of a larger group of 10 claims totaling 4981 ha held by the partnership. The 3 key claims were covered by the airborne TDEM, Magnetic and Gravity surveys flown by the Saskatchewan Government in 2018 (GSC Open Files 8440 & 8443). There are two historic holes on our claims. On MC00010625 historic DDH S-00-01 drilled in 2000 intersected **20.6 m (67.6 ft)** of disseminated, veinlet and stringer pyrite-pyrrhotite-chalcopyrite mineralization between 97.8 and 118.4 m in chloritized basalt. Assays to **2.1% Cu, 0.3% Zn and 10 g/t Ag** were reported (no gold assays). During 2019 the partners conducted MMI sampling targeting the airborne anomalies and identified anomalous VMS suite zones as well as **coincident Copper-Gold-Silver MMI anomalies over 100 m widths** and 200 m lengths (OPEN). On claim MC00014165 historic DDH NER 155 was drilled in 1998, encountering a silicified dacite tuff and dacite flow. Gold anomalous over > 3m or 10 ft (**up to 5.01 g/t Au/0.8 m**) and silver anomalous over **>19 m or 62 ft (up to 2.06 g/t Ag / 0.46 m)**. Proposed work includes follow-up MMI sampling as well as DEEP-EM to select drill targets from conductors identified by the airborne surveys.

Company Directory

To include your company in our directory, email office@kcda.ca



Fission Uranium Corp
700 - 1620 Dickson Ave
Kelowna, BC V1Y 9Y2
1-877-868-8140
fissionuranium.com



Denison Mines
230 - 22nd St E
Saskatoon, SK S7K 0E9
(306) 652-8200
denisonmines.com



Eagle Plains Resources Ltd.
EPL:TSX-V

Eagle Plains Resources Ltd.
Suite 200, 44 - 12th Ave S
Cranbrook, BC V1C 2R7
1-866-486-8673
eagleplains.com



Orano Canada Inc
#100 - 833 45th St W
Saskatoon, SK S7L 5X2
(306) 343-4500
oranocanada.com



NexGen Energy
Suite 200, 475 2nd Ave S
Saskatoon, SK S7K 1P4
(306) 954-2275
www.nexgenenergy.ca



MAS Gold Corp
#420 - 789 West Pender St.
Vancouver, BC V6C 1H2
(604) 685-8592
www.masgoldcorp.com



Cameco
2121 - 11th St West
Saskatoon, SK S7M 1J3
(306) 956-6200
cameco.com



Taiga Gold Corp

Taiga Gold Corp
Suite 200, 44 - 12th Ave S
Cranbrook, BC V1C 2R7
(250) 426-0749
www.taigagold.com



Terralogic Exploration Inc.
Suite 200, 44 - 12th Ave S
Cranbrook, BC V1C 2R7
1-778-520-2000
terralogicexploration.com



Hudbay Minerals Inc
PO Box 1500 Flin Flon, MB R8A 1N9
hudbayminerals.com



IsoEnergy Ltd.
970 - 1055 West Hastings St
Vancouver, BC V6C 2E9
(778) 379-3211
www.isoenergy.ca



CanAlaska Uranium Ltd.
Suite 1020, 625 Howe St.
Vancouver BC, V6C 2T6
(604) 688-3211
www.canalaska.com

Company Directory

To include your company in our directory, email office@kcda.ca



Fortune Bay Corp.
 2001-1969 Upper Water Street
 Halifax, NS B3J 3R7
 902-334-1919
www.fortunebaycorp.com
info@fortunebaycorp.com



UEX Corporation
 200-3530 Millar Ave
 Saskatoon, SK, S7P 0B6
 306-979-3849
www.uexcorp.com

TSX.V FOR



AXIOM EXPLORATION GROUP LTD.
 101 - 3239 FAITHFULL AVENUE SASKATOON SK, S7K 8H4
info@axiomex.com | (306) 986-5716
www.axiomex.com

at the Gabriel Dumont Institute

...we assist Métis students and Apprentices with their educational and employment needs with a variety of programs and services.

Office locations and outreach services
 across Saskatchewan
 -contact GDI for information

1-877-488-6888
info@gdins.org
www.gdins.org



Skyharbour is a preeminent uranium exploration company with properties located in the prolific and high grade Athabasca Basin of Saskatchewan.



Jordan Trimble, President and CEO
 604-687-3376
info@skyharbourltd.com
www.skyharbourltd.com



Valor Resources Limited

info@valorresources.com.au
valorresources.com.au



101A-2366 Avenue C North
 Saskatoon, SK S7L 5X5
 Phone: (306) 227-7747

VALOR RESOURCES



Scheduled Passenger Transportation | Charter Flights |
 All Season Mining & Exploration Flights | Cargo Shipping

Hangar 3A, John G. Diefenbaker Airport
 Saskatoon, SK, S7L 5X4
 Reservations: 1-800-667-9356
 Charters: 1-877-989-2677
riseair.ca

THE LEADING INNOVATOR IN DRILLING TECHNOLOGY.

Our closed loop solids removal system reduces wastewater by more than 90%.



250.847.9301 | hy-techdrilling.com



SSR Mining Inc.
 Suite 800—1055 Dunsmuir St
 Vancouver, BC V7X 1G4
 1-604-689-3846
ssrmining.com



408-1199 West Pender St.
 Vancouver BC, V6E 2R1
info@searchlightresources.com
searchlightresources.com

TSX.V: SCLT

Company Directory

To include your company in our directory, email office@kcda.ca



Murchison Minerals
Suite 100 - 5063 N Service Rd,
Burlington ON L7L 5H6
(416) 350-3776
murchisonminerals.com



Gem Oil Inc.
Box 111
Regina, SK, S4P 3B2
(306) 543-5678
gemoil.ca



Government of Saskatchewan

saskatchewan.ca



Baselode Energy Corp.
Suite 1805 - 55 University Avenue
Toronto, ON M5J 2H7
(416) 644-1567
baselode.com



Town of Creighton
246 Creighton Ave
Creighton, SK S0P 0A0
(306) 688-8253
townofcreighton.ca



Appia Rare Earths & Uranium Corp.
Suite 500 - 2 Toronto St.
Toronto, ON M5C 2B6
(416) 546-9772
appiaenergy.ca



Exploration Service Directory

To include your company in our directory, email office@kcda.ca

AJG EXPLORATION LTD.

AJG Exploration Ltd.
La Ronge, SK S0J 1L0
(306) 425-2217
agracie@accesscomm.ca



Little Rock Enterprises Inc.
1220 Poirier St.
La Ronge, SK S0J 1L0
(306) 425-3715
littlerockent@sasktel.net



Northern Resource Trucking
1112 Finlayson St.
La Ronge, SK S0J 1L0
(306) 425-2148
nrtlp.com



M.A.R.S.H. Expediting
1220 Poirier St.
La Ronge, SK S0J 1L0
(306) 425-3715
littlerockent@sasktel.net

J.P. ENTERPRISES

J.P. Enterprises
1311 Poirier St.
La Ronge, SK S0J 1L0
(306) 425-2520



Northlands College
Parcel M - Hwy #2 N
Air Ronge, SK S0J 3G0
(306) 425-4483
trainnorth.ca



- Remote Camp Services
- Expediting
- Hot Shot Services

Desjarlais Enterprises Inc.
PO Box 508
Lot 1, Blk 24, Ahenakew Blvd.
Ile-a-la-Crosse, SK S0M 1C0
(639) 832-7667
w.desjarlais@sasktel.net



Allbutt Mining Supplies
111 Omands Creek Blvd
Winnipeg, MB R2R 1W3
(204) 885-2513
Toll Free (888) 785-2513
sales@allbuttminingsupplies.com



Arrowhead Helicopters Ltd.
819 Poirier St.
La Ronge, SK S0J 1L0
(306) 425-8477
www.arrowheadhelicopters.com



Porcupine Opportunities Program
101 Church St.
Porcupine Plain, SK S0E 1H0
(306) 278-3017
popine@sasktel.net

Exploration Service Directory

To include your company in our directory, email office@kcda.ca



Athabasca Catering Limited Partnership
Bay 120, 335 Packham Ave - Saskatoon, SK S7N 4S1
(306) 242-8008
athabascacatering.com



MATRIX
Camps | Logistics | Aviation Management

Matrix Camps Logistics and Aviation Management
214 - 20171 92A Avenue - Langley, BC V1M 3A5
(604) 538-4574
matrixco.ca



Helicopter Transport Services Canada Inc.
700 Poirier St. - La Ronge, SK S0J 1L0
(306) 425-8661
lavoym@htsc.ca



POINTS NORTH GROUP
OF COMPANIES
POINTSNORTHGROUP.CA • INFO@PNFF.CA • (306)633-2137
BULK FUEL • TRUCKING • LUMBER YARD • ACCOMMODATIONS
REPAIR SERVICES • EQUIPMENT RENTALS

Advertise in NORTHERN MINERAL HIGHLIGHTS Effective Exposure to a Select Audience

“Northern Mineral Highlights did a great job for Alligator in helping us attract a partner who is now drilling on the Alligator claims”

**-Herb Mathies,
P. Eng, Vice President
Alligator Resources Ltd.**

Contact us at (306) 425-4778
or by email at
office@kcda.ca
(Pricing on Page 2)

