

January 2022

# Northern Saskatchewan Mineral Exploration Highlights

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Photo Credit:  
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Wapawekka Lake, Saskatchewan

***Keewatin  
Community  
Development  
Association***

(306) 425-4778 | [office@kcda.ca](mailto: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](mailto:office@kcda.ca) or give us a call at (306) 425-4778

# THE FRONT PAGE

## NEWS



### ENVIRONMENTAL ASSESSMENT

#### **Province proposing 51-kilometre all-weather highway connecting northern mine sites**

*Nov 25, 2021 | 5:00 PM* by Derek Cornet

The Ministry of Highways is proposing to build a 51-kilometre stretch of all-weather highway connecting the Cigar Lake and McArthur River mine sites. According to an Environmental Project Proposal, the proposed roadway will act as a more efficient route for truck traffic to access mines operated by Cameco and others in northern Saskatchewan. The commencement point is near the McArthur Lake mine site, and the terminus ties into the existing private Cameco access road near Cigar Lake mine site.

Construction of the all-weather road could take up to three years to complete and would connect Highways 905 and 914. "The proposed location was established while considering existing terrain, Ministry of Highways geometric standards and Ministry of Environment setbacks from water bodies," the proposal states. The public is currently encouraged to provide comments on the environmental impact statement and technical review. An assessment notice states traditional knowledge and local information on the potential impact of the proposed project is welcomed and valued. Project documents [can be reviewed online](#) or at municipal or band offices throughout northern Saskatchewan including in La Ronge. The deadline for written submissions is Jan. 11, 2022.

## **Construction of SRC rare earth processing facility in Canada underway**

06 September 2021

Construction of the first stage of the Saskatchewan Research Council's (SRC) Rare Earth Processing Facility, which includes a Monazite Processing Unit (MPU) and a Solvent Extraction Unit (SXU), is underway. The facility will be the first of its kind in Canada.

In August 2020, the Government of Saskatchewan announced \$31 million in funding for the facility.

The conversion of REE ore to individual REE products is done in two main stages. The first is the concentration of ore to mixed REE Carbonate. The second is the more complex separation stage that converts the mixed REE Carbonate to commercial pure-grade REEs. The facility will address both stages of REE processing.

A private sector landlord is handling the construction of the building in Saskatoon, Saskatchewan, Canada, which will be leased to SRC. SRC is continuing to make progress with the facility's design and the procurement of the highly specialized plant equipment.

The MPU is expected to be operational ahead of schedule, in early 2023. The fully-integrated Facility is expected to be operational by mid-2024.

In July 2021, SRC procured up to 800 tonnes of monazite concentrate from Indústrias Nucleares do Brasil (INB), S.A., in Brazil from their mine and processing facility. The monazite concentrate will arrive at SRC in the spring of 2022 and will be used as a feedstock for the MPU, once operational.

SRC continues to source additional preconcentrated monazite globally prior to the MPU commissioning. SRC's Facility will require 3,000 tonnes per year of monazite concentrate on a 90 per cent basis (equivalent to 60% Total Rare Earth Oxide). However, SRC would like to secure a stockpile of feed in advance of commissioning.

SRC is Canada's second largest research and technology organization.

*(Posted on 06 September 2021 in Batteries, Canada, Electric (Battery), Market Background, Materials, Motors )*

## 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.

Please note we are closed for the holiday season from December 24 to January 2, reopening January 3, 2022.

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.

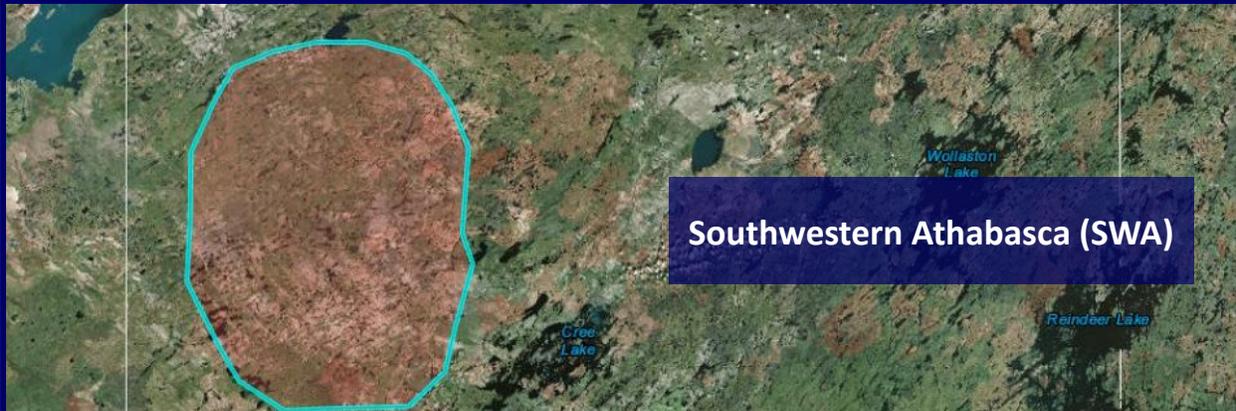
Rob Millar

Manager, [SRC Geoanalytical Laboratories](#)

306-933-8118

[geolab@src.sk.ca](mailto:geolab@src.sk.ca)

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**AZINCOURT**  
ENERGY

Azincourt provided an update on preparations for the Winter 2022 Exploration Program on the **East Preston Uranium Project**. The project is held by Azincourt Energy (70%), **Dixie Gold Inc** (15%) and **Skyharbour Resources Ltd** (15%).

Highlights include

- Terralogic Exploration Inc contracted to facilitate and execute a planned drilling program
- drill program to comprise 6,000 m drilling in 30-35 holes
- drilling will focus on the A-G and K-Q trends
- preparation underway and contractors for drilling, camp services and roadwork have been selected
- opening of the 60 km winter access road is expected to commence by the end of November
- permits are in place
- Azincourt has been engaged in regular meetings with the **Clearwater River Dene Nation (CRDN)** and other rights holders



Baselode announced it has received Exploration Work Authorization diamond drilling permits from Saskatchewan's Ministry of Environment ("MOE") for its **Shadow Uranium Project**.



Fission Uranium shared a summary of its engagement approach, designed to reflect feedback that Fission receives from the rights-holders including the **Clearwater River Dene Nation (CRDN)**, related to their engagement expectations, capacity needs and preferred timelines. This can be found on the new “Engagement Page” of the Fission website.

Fission announced that the **Saskatchewan Ministry of Environment (“MOE”)** has formally accepted the recently submitted **Project Description** for the **PLS Project**. Fission has now commenced the **Environmental Assessment (“EA”)**.



Fission 3.0 announced that on-site lake ice preparation is underway to support a 4,000 m drill program on its **PLN Property**

Highlights include

- drilling in winter 2022 with two diamond drills will focus on the prospective and previously untested **Broach Lake** and **N Conductor Targets**
- ground geophysics has commenced at **Broach Lake** to refine targets for the upcoming drilling
- geophysics consists of 22 line-km of DC Resistivity and 4 line-km of TDEM surveying.



Standard Uranium announced its exploration schedule for 2022

Highlights include

**Sun Dog Project**

- winter drilling will focus on the Sun Dog Project
- located along the NW rim of the Athabasca Basin
- prior to winter drilling, high resolution ground gravity and UAV magnetics surveys will be conducted over high-priority targets

**Davidson River Project**

- spring/summer drilling campaign to commence in May 2022

**Atlantic, Canary and Ascent Projects (all located on the east side of the Athabasca Basin)**

- high-resolution ground gravity will be conducted over the western **Atlantic** claim blocks in January 2022
- airborne VTEM survey is planned for the **Ascent Project**
- IP survey planned on the **Canary Project**



Baselode reported uranium assays for the first DDH, **AK21-01**, of the recent **ACKIO uranium discovery** on the **Hook Project**.

Highlights include

- 1.29 wt% U3O8 over 0.5 m @ 138.8 m and 0.66 wt% U3O8 over 0.5 m @ 142.3 m
- primary mineralized zone measuring 15.5 m of 0.13 wt% U3O8 starting @ 134.3 m
- multiple uranium intersections occurring over 200 m of drill core length

Baselode is planning a 10,000 m diamond drill program to commence in mid to late January 2022. DDH's are planned to intersect mineralization along strike and dip, which remains "Open" in all directions.

The drill program will be helicopter-supported.

**ACKIO** is located 30 km SE of infrastructure including an all-season road and powerline.

Baselode reported the surface sample results from summer prospecting work carried out over the **Catharsis** and **Hook Projects**.

Highlights include

**Hook**

- channel sample returned high-grade REE and uranium with 1.84 wt% TREO and 1.33 wt% U3O8 over 0.4m
- channel sample has a CREO concentration comprising 19% of the TREO. These are enriched with Pr6O11, Nd2O3, Tb4O7 and Dy2O3.
- assay results from the remaining drill holes, AK21-02A and AK21-04 have been received and will be released following evaluation and interpretation.

**Catharsis**

- total of 26 samples taken from 21 individual outcrops
- 4 samples from 3 outcrops returned encouraging REE values ranging from 0.54 wt% TREO to 2.14 wt% TREO.
- all 4 samples had CREO comprising 23-26% of the TREO, with the CREO being dominated by Pr6O11 and Nd2O3.



Canalaska announced the completion of the 2021 drilling program at the **West McArthur uranium project**, a JV with **Cameco Corp**, with Canalaska as the operator. Canalaska has now increased its interest in the project to 75.55%.

Highlights include

- 5419 m drilled in 6 holes
- at the “**42 Zone**” drilling intersected 2 zones of mineralization above the unconformity
- the two zones are contained within a strongly bleached lower sandstone column that has black sooty pyrite, red hydrothermal hematite, and strong structurally controlled clay alteration.
- core loss due to poor core recovery in these zones
- calibrated probe values grading 0.17% eU3O8 over 1.7 m from 760.9m and 0.76% eU3O8 over 10.0 m from 767.0 m including 1.62% eU3O8 over 2.6 m
- intersections have extended the “**42 Zone**” by 35 m to the west
- based on the positive results, a \$5M exploration program has been approved for 2022, double the 2021 budget.

Canalaska announced that drilling by joint venture partner **Denison Mines Corp** has intersected uranium mineralization at the **Moon Lake South JV Project**.

Highlights include

- MS-21-02 intersected 0.14% eU3O8 over 0.2 m above the unconformity
- MS-21-06 intersected 0.12% eU3O8 over 0.2 m below the unconformity

Canalaska announced that compilation work on the recently acquired **Carswell Property** totaling 13,352ha, located in the Western Athabasca, has identified a conductive structural corridor which joins the Beatty River Fault Zone to the Carswell Structure.



Denison Mines announced that its Board of Directors has approved the adoption of an **Indigenous Peoples Policy (“IPP”)**.

Highlights include

- reflects the Company’s belief that reconciliation is achieved through collaboration with Indigenous Peoples and Communities
- 5 key areas identified: Engagement, Empowerment, Environment, Employment and Education.
- Denison carefully considered the standards and principles articulated by the **United Nations Declaration on the Rights of Indigenous Peoples** and the **Call to Action 92 (Business & Reconciliation) from Canada’s Truth and Reconciliation Commission**.



Fission 3.0 Corp announced it has entered into 2 option agreements with **Traction Uranium Corp** whereby Traction may earn up to a 70% interest in the **Hearty Bay Project** (6 claims covering 10,604 ha) and the **Lazy Edward Project** (11 claims covering 1,828 ha).



Okapi Resources (ASX) has extended the closing date for the planned acquisition of uranium assets in the Athabasca Basin from **ALX Resources Corp**, to no later than January 28, 2022.

Okapi expects to outline the exploration strategy on the Athabasca Basin properties upon closing the transaction in late January 2022.



Power Metal Resources PLC (UK) announced the acquisition by staking of seven Athabasca Basin uranium properties and a follow-up Phase 1 work program on three of them, namely **Tait Hill, Thibault Lake** and **Clearwater**.

Highlights include

-20 rock samples were collected, and the results demonstrate high-grade uranium mineralization up to 38,600 ppm or 3.86% U3O8

-multiple targets have been identified for follow-up exploration in 2022



Standard Uranium announced its exploration schedule for 2022

Highlights include

**Sun Dog Project**

- winter drilling will focus on the Sun Dog Project
- located along the NW rim of the Athabasca Basin
- prior to winter drilling, high resolution ground gravity and UAV magnetics surveys will be conducted over high-priority targets

**Davidson River Project**

- spring/summer drilling campaign to commence in May 2022

**Atlantic, Canary and Ascent Projects (all located on the east side of the Athabasca Basin)**

- high-resolution ground gravity will be conducted over the western **Atlantic** claim blocks in January 2022
- airborne VTEM survey is planned for the **Ascent Project**
- IP survey planned on the **Canary Project**



UEX announced the results of its Fall 2021 exploration drilling program at the **Christie Lake Project**

Highlights include

- 1,573 m drilling in 3 holes
- off-cut CB-124-1 encountered uranium enrichment in basement including 181 ppm U and 172 ppm U
- CB-153A intersected anomalous uranium geochemistry averaging 1.9 ppm U within the basal 29.4 m of sandstone
- CB-134A returned anomalous boron including 620 ppm boron over 70 m above the unconformity and 645 ppm boron over the basal 45.8 m of sandstone
- planning is underway for 2022 exploration



**VALOR RESOURCES**

Valor Resources announced the signing of a drilling contract as well as a camp construction contract in preparation for a diamond drilling program comprising 2500 m in 10-15 drill holes on the **Hook Lake Uranium Project**.

**Dahrouge Geological Consultants** will oversee the drilling campaign, with the geophysical compilation and interpretation being carried out by **Terra Resources Pty Ltd of Perth Australia**.



## Fathom NICKEL

Fathom released an updated initial interpretation of 2021 soil geochemistry results at its **Albert Lake** property.

Highlights include

-5,719 B1 soil samples taken in 2002, 2018 & 2021

-highest values, Ni 393 ppm, Cu 383 ppm, Co 160 ppm, Pd 187 ppb and Pt 411 ppb

The Fall 2021 drill program is now complete with assays pending.

Planning is underway for the Winter 2022 drilling program, expected to commence in mid-January.

## GEMOIL

GEM announced assay results from a recent field sampling program at **Pete Lake**, located 145 km east of La Ronge, and 25 km NE of SSR's Seabee Gold Mine.

Highlights include

-high grade gold & copper samples collected along the NW shore of **Pete Lake**

-samples from trenches returned up to 24.55 g/t Au and 3.41% Cu

-expanded high-resolution magnetic geophysical survey is planned to cover 8 additional claims

-petrographic study is being completed by Renaud Geological Consulting Inc

-NI43-101 Technical Report is being prepared by Axiom Exploration Group

*(Newsfile-Nov 1, 2021)*



**MAS  
Gold  
Corp**

MAS Gold announced updated Mineral Resource Estimates for the **Greywacke North** and **North Lake Gold Deposits**.

Highlights include

**Greywacke North Gold Deposit**

-Indicated Mineral Resource of 645,000 t @ 4.90 g/t Au containing 101,000 ounces gold plus Inferred Mineral Resource of 410,000 t @ 4.12 g/t Au containing 55,000 ounces gold

**North Lake Gold Deposit**

-Inferred Mineral Resource of 18,100,000 t @ 0.85 g/t Au containing 494,000 ounces gold.

MAS Gold and **Comstock Metals Ltd** have signed a LOI for MAS Gold to acquire 100% of Comstock's **Preview SW Gold Project**.

Highlights include

-843 ha **Preview SW property** is contiguous with MAS Gold's **Preview North Property**

-historical Indicated Mineral Resource 2.61 Mt @ 1.89 g/t Au containing 158,300 ounces gold

-historical Inferred Mineral Resource 5.70 Mt @ 1.48 g/t Au containing 270,800 ounces gold

MAS Gold and **Eros Resources Corp** announced the signing of an agreement granting Eros the right to earn a 17.5% interest in MAS Gold's properties by funding \$3.5M in exploration over 6 months covering the winter 2022 drilling program.



Rockridge announced it has completed its geophysical program at the **Knife Lake Copper Project**, under option from **Eagle Plains Resources Ltd**.

Highlights include

-phase 2 VTEM Plus airborne geophysical results received

-19 kms of conductors identified

-field crew was deployed to conduct follow-up surficial mapping and prospecting

-analytical results are pending

-modelling of the VTEM data is underway



SKRR reported results from its 12 hole 1,687.68m fall drill program at its **Manson Bay Gold Project** located 40 km northwest of Flin Flon.

Highlights include

- MB21-001 2.14 g/t Au, 12.90 g/t Ag, 0.13% Pb and 0.55% Zn over 10.23m including 3.07 g/t Au, 15.60 g/t Ag, 0.16% Pb and 0.64% Zn over 6.2m
- MB21-002 1.14 g/t Au, 9.49 g/t Ag, 0.13% Pb and 0.79% Zn over 9.33m
- MB21-004 1.79 g/t Au, 13.75 g/t Ag, 0.20% Pb and 0.47% Zn over 20.29m including 4.01 g/t Au, 28.24 g/t Ag, 0.42% Pb and 0.76% Zn over 7.75m
- MB21-006 1.10 g/t Au, 21.05 g/t Ag, 0.44% Pb and 0.93% Zn over 9.0m
- MB21-012 0.74 g/t Au, 5.77 g/t Ag, 0.06% Pb and 0.45% Zn over 14.42m
- anomalous results are coincident with sulphide mineralization occurring in disseminated and interstitial to stringers, fracture fillings and semi-massive to massive blebs.
- sulphides include 1-10% py and po and occasionally 1-2% sphalerite and rarely galena.

SKRR entered into a termination agreement with **Taiga Gold Corp** whereby Taiga and SKRR have mutually agreed to terminate the option agreement on the **Leland** property.



SSR Mining announced exploration results from the **Amisk Property** within the Flin Flon Mining District.

Highlights include

**Black Diamond**

- BKD21-001 1.51 g/t Au over 6.59 m and 0.84 g/t Au over 9.89 m
- BKD21-002 1.16 g/t Au over 6.45 m and 6.15 g/t Au over 2.90 m

**Monarch**

- MON21-002 1.71 g/t Au over 11.36 m including 6.81 g/t Au over 1.00 m
- MON21-003 1.27 g/t Au over 10.57 m including 14.13 g/t Au over 0.74 m

**Regional Grab Samples**

- Raine-Walker up to 67.15 g/t Au
- TCA up to 81.59 g/t Au
- Oberon up to 17.30 g/t Au
- Victory up to 138.80 g/t Au

Follow-up drilling and field work is planned for 2022.

The recently announced acquisition of Taiga Gold expands the Amisk Property by 1,004 ha



**SSR Mining Inc** and **Taiga Gold Corp** announce they have entered into a definitive agreement whereby **SSR Mining** will acquire all of the issued and outstanding common shares of **Taiga Gold**. Highlights include

-adds 5 new properties to SSR Mining

-consolidates 100% interest in the **Fisher Property**

-unencumbers the **Fisher Property** through the elimination of the 2.5% NSR

The completion of the transaction is subject to approval by at least 66 2/3% of the votes cast by Taiga Gold shareholders and is also subject to receipt of court, stock exchange and any other required regulatory approvals.

## Other Regions (O)



ALX announced it has received the results of a geochemical survey carried out on its **Gibbons Creek Uranium Project**, consisting of 13,864 ha located immediately west of Stony Rapids.

### Highlights include

- in October 2021, ALX carried out a Spatiotemporal Geochemical Hydrocarbons (SGH) soil geochemistry survey on a 4.0 km long grid.
- the SGH survey results show haloes of uranium pathfinder anomalies over 2 areas of the “Zinger” airborne conductor.
- the anomalies are proximal to the intersection of the conductor with an interpreted NNW-trending fault that crosscuts the NE-SW strike of the “Zinger” conductor.
- drilling is anticipated in early 2022 following further engagement with First Nations and other local communities.



Appia announced new assay results from its 2021 field program at its **Alces Lake REE and Gallium property**.

### Highlights include

- high-grade REE mineralization has now been identified over an estimated 27 sq km area
- channel samples of 14.71 wt% TREO from **Sweet Chili Heat** and 11.94 wt% TREO from **Diablo**
- 10.35 wt% TREO returned from grab samples at **Zesty**
- 7.86 wt% TREO returned from grab samples at along the **Oldman River trend**
- new discovery of REE's with 2.27 wt% TREO from “**Train Domain**”
- elevated **Gallium** values have been returned for all samples enriched in TREO



Fission 3.0 Corp announced it has entered into 2 option agreements with **Traction Uranium Corp** whereby Traction may earn up to a 70% interest in the **Hearty Bay Project** (6 claims covering 10,604 ha) and the **Lazy Edward Project** (11 claims covering 1,828 ha).



Fortune Bay announced 2022 exploration plans for its 3 projects.

Highlights include

**Strike & Murmac Uranium Projects**

-geophysical surveys during the winter followed by a maiden exploration drilling program during spring/summer

**Goldfields Gold Project**

-exploration drilling to test gold targets within the **Goldfields Syncline**.

-continued resource expansion drilling contingent on final assay results from **Phase 1** drilling completed in 2021



Skyharbour Resources announced it has acquired by staking 6 new uranium exploration properties totaling 147,510 ha.

Highlights include

**Riou River Project**

-18,227 ha along the Riou River within the Athabasca Basin. Contains over 40 undrilled EM conductors along a Mag Low, and anomalous boulder geochemistry.

**Pluto Bay Project**

-28,840 ha NE of Black Lake, hosting numerous uranium showings and several EM conductors east of the Black Lake Fault.

**Wallee Project**

-20,765 ha 35 km NW of Eagle Point Mine, numerous untested EM conductors coinciding with Mag and/or gravity lows.

**USAM Island Project**

-42,186 ha 21 km NE of Eagle Point Mine. Numerous conductors along Mag Lows

**Foster River Project**

-37,529 ha SW and adjoining Skyharbour's South Falcon Point Project. Numerous uranium showings including up to 1.25% U<sub>3</sub>O<sub>8</sub> in grab samples.

**South Dufferin Project**

-922 ha along the Virgin River Trend



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Star Diamond and **Rio Tinto** announced a comprehensive resolution of all disputes and revived joint venture (JV) arrangements.

Highlights include

- all expenditures prior to December 31, 2021 will be the sole responsibility of **Rio Tinto Exploration Canada Inc.**
- all expenditures between January 1, 2022 and the public announcement of a decision to develop a diamond mining operation based on the completion of a positive **FS**, will be advanced by **RTEC**.
- once a decision has been made and announced Star Diamond will have 6 months to begin contributing to the **JV** for Star Diamond's share of the Capital Costs and expenditures.
- in exchange for these amendments, the participating interests have been adjusted to **75% for RTEC and 25% for Star Diamond** (from 60% and 40% respectively).

## COMMODITIES AT A GLANCE

### REE's (Rare Earth Elements)

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

**Appia Rare Earths & Uranium Corp** announced new assay results from its 2021 field program at its **Alces Lake REE and Gallium property.**

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*(Newsfile-Nov 1, 2021)*

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Highlights include

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-Indicated Mineral Resource of 645,000 t @ **4.90 g/t Au** containing 101,000 ounces gold plus Inferred Mineral Resource of 410,000 t @ **4.12 g/t Au** containing 55,000 ounces gold

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- anomalous results are coincident with sulphide mineralization occurring in disseminated and interstitial to stringers, fracture fillings and semi-massive to massive blebs.
- sulphides include 1-10% py and po and occasionally 1-2% sphalerite and rarely galena.

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**SSR Mining Inc** and **Taiga Gold Corp** announce they have entered into a definitive agreement whereby **SSR Mining** will acquire all of the issued and outstanding common shares of **Taiga Gold**.

### Highlights include

- adds 5 new properties to SSR Mining
  - consolidates 100% interest in the **Fisher Property**
  - unencumbers the **Fisher Property** through the elimination of the 2.5% NSR
- The completion of the transaction is subject to approval by at least 66 2/3% of the votes cast by Taiga Gold shareholders and is also subject to receipt of court, stock exchange and any other required regulatory approvals.

**SSR Mining Inc** announced exploration results from the **Amisk Property** within the Flin Flon Mining District.

### Highlights include

#### **Black Diamond**

- BKD21-001 **1.51 g/t Au over 6.59 m** and **0.84 g/t Au over 9.89 m**
- BKD21-002 **1.16 g/t Au over 6.45 m** and **6.15 g/t Au over 2.90 m**

#### **Monarch**

- MON21-002 **1.71 g/t Au over 11.36 m** including **6.81 g/t Au over 1.00 m**
- MON21-003 **1.27 g/t Au over 10.57 m** including **14.13 g/t Au over 0.74 m**

#### **Regional Grab Samples**

- Raine-Walker up to **67.15 g/t Au**
- TCA up to **81.59 g/t Au**
- Oberon up to **17.30 g/t Au**
- Victory up to **138.80 g/t Au**

Follow-up drilling and field work is planned for 2022.

The recently announced acquisition of Taiga Gold expands the Amisk Property by 1,004 ha

## COMMODITIES AT A GLANCE

### URANIUM

**ALX Resources Corp** announced it has received the results of a geochemical survey carried out on its **Gibbons Creek Uranium Project**, consisting of 13,864 ha located immediately west of Stony Rapids.

Highlights include

- in October 2021, ALX carried out a Spatiotemporal Geochemical Hydrocarbons (SGH) soil geochemistry survey on a 4.0 km long grid.
- the SGH survey results show haloes of uranium pathfinder anomalies over 2 areas of the “Zinger” airborne conductor.
- the anomalies are proximal to the intersection of the conductor with an interpreted NNW-trending fault that crosscuts the NE-SW strike of the “Zinger” conductor.
- drilling is anticipated in early 2022 following further engagement with First Nations and other local communities.

**Azincourt Energy Corp** announced that preparation of the winter road to allow access to the winter 2022 exploration program at the **East Preston** uranium project has commenced.

**Terralogic Exploration Inc** has been contracted to facilitate and execute a planned diamond drilling program consisting of a minimum of 6,000 m of drilling in 30-35 drill holes.

**Baselode Energy Corp** reported uranium assays for the first DDH, **AK21-01**, of the recent **ACKIO uranium discovery** on the **Hook Project**.

Highlights include

- 1.29 wt% U<sub>3</sub>O<sub>8</sub> over 0.5 m @ 138.8 m and 0.66 wt% U<sub>3</sub>O<sub>8</sub> over 0.5 m @ 142.3 m
  - primary mineralized zone measuring 15.5 m of 0.13 wt% U<sub>3</sub>O<sub>8</sub> starting @ 134.3 m
  - multiple uranium intersections occurring over 200 m of drill core length
- Baselode is planning a 10,000 m diamond drill program to commence in mid to late January 2022. DDH's are planned to intersect mineralization along strike and dip, which remains “Open” in all directions.

The drill program will be helicopter-supported.

**ACKIO** is located 30 km SE of infrastructure including an all-season road and powerline.

**Baselode Energy Corp** announced it has received Exploration Work Authorization diamond drilling permits from Saskatchewan's Ministry of Environment (“MOE”) for its **Shadow Uranium Project**.

## COMMODITIES AT A GLANCE

**Baselode Energy Corp** reported the surface sample results from summer prospecting work carried out over the **Catharsis** and **Hook Projects**.

### Highlights include

#### **Hook**

- channel sample returned high-grade REE and uranium with 1.84 wt% TREO and 1.33 wt% U<sub>3</sub>O<sub>8</sub> over 0.4m
- channel sample has a CREO concentration comprising 19% of the TREO. These are enriched with Pr<sub>6</sub>O<sub>11</sub>, Nd<sub>2</sub>O<sub>3</sub>, Tb<sub>4</sub>O<sub>7</sub> and Dy<sub>2</sub>O<sub>3</sub>.
- assay results from the remaining drill holes, AK21-02A and AK21-04 have been received and will be released following evaluation and interpretation.

#### **Catharsis**

- total of 26 samples taken from 21 individual outcrops
- 4 samples from 3 outcrops returned encouraging REE values ranging from 0.54 wt% TREO to 2.14 wt% TREO.
- all 4 samples had CREO comprising 23-26% of the TREO, with the CREO being dominated by Pr<sub>6</sub>O<sub>11</sub> and Nd<sub>2</sub>O<sub>3</sub>.

**Canalaska Uranium Ltd** announced the completion of the 2021 drilling program at the **West McArthur uranium project**, a JV with **Cameco Corp**, with Canalaska as the operator. Canalaska has now increased its interest in the project to 75.55%.

### Highlights include

- 5419 m drilled in 6 holes
- at the “**42 Zone**” drilling intersected 2 zones of mineralization above the unconformity
- the two zones are contained within a strongly bleached lower sandstone column that has black sooty pyrite, red hydrothermal hematite, and strong structurally controlled clay alteration.
- core loss due to poor core recovery in these zones
- calibrated probe values grading 0.17% eU<sub>3</sub>O<sub>8</sub> over 1.7 m from 760.9m and 0.76% eU<sub>3</sub>O<sub>8</sub> over 10.0 m from 767.0 m including 1.62% eU<sub>3</sub>O<sub>8</sub> over 2.6 m
- intersections have extended the “**42 Zone**” by 35 m to the west
- based on the positive results, a \$5M exploration program has been approved for 2022, double the 2021 budget.

**Canalaska Uranium Ltd** announced that drilling by joint venture partner **Denison Mines Corp** has intersected uranium mineralization at the **Moon Lake South JV Project**.

### Highlights include

- MS-21-02 intersected 0.14% eU<sub>3</sub>O<sub>8</sub> over 0.2 m above the unconformity
- MS-21-06 intersected 0.12% eU<sub>3</sub>O<sub>8</sub> over 0.2 m below the unconformity

**Canalaska Uranium Ltd** announced that compilation work on the recently acquired **Carswell Property** totaling 13,352ha, located in the Western Athabasca, has identified a conductive structural corridor which joins the Beatty River Fault Zone to the Carswell Structure.

## COMMODITIES AT A GLANCE

**Denison Mines Corp** announced that its Board of Directors has approved the adoption of an **Indigenous Peoples Policy (“IPP”)**.

Highlights include

- reflects the Company’s belief that reconciliation is achieved through collaboration with Indigenous Peoples and Communities
- 5 key areas identified: Engagement, Empowerment, Environment, Employment and Education.
- Denison carefully considered the standards and principles articulated by the **United Nations Declaration on the Rights of Indigenous Peoples** and the **Call to Action 92 (Business & Reconciliation) from Canada’s Truth and Reconciliation Commission**.

**Fission 3.0 Corp** announced that on-site lake ice preparation is underway to support a 4,000 m drill program on its **PLN Property**

Highlights include

- drilling in winter 2022 with two diamond drills will focus on the prospective and previously untested **Broach Lake** and **N Conductor Targets**
- ground geophysics has commenced at **Broach Lake** to refine targets for the upcoming drilling
- geophysics consists of 22 line-km of DC Resistivity and 4 line-km of TDEM surveying.

**Fission 3.0 Corp** announced it has entered into 2 option agreements with **Traction Uranium Corp** whereby Traction may earn up to a 70% interest in the **Hearty Bay Project** (6 claims covering 10,604 ha) and the **Lazy Edward Project** (11 claims covering 1,828 ha).

**Fortune Bay Corp** announced 2022 exploration plans for its 3 projects.

Highlights include

**Strike & Murmac Uranium Projects**

- geophysical surveys during the winter followed by a maiden exploration drilling program during spring/summer

**Goldfields Gold Project**

- exploration drilling to test gold targets within the **Goldfields Syncline**.
- continued resource expansion drilling contingent on final assay results from **Phase 1** drilling completed in 2021

**Okapi Resources Ltd (ASX)** has extended the closing date for the planned acquisition of uranium assets in the Athabasca Basin from **ALX Resources Corp**, to no later than January 28, 2022. Okapi expects to outline the exploration strategy on the Athabasca Basin properties upon closing the transaction in late January 2022.

**Power Metal Resources PLC (UK)** announced the acquisition by staking of seven Athabasca Basin uranium properties and a follow-up Phase 1 work program on three of them, namely **Tait Hill, Thibault Lake** and **Clearwater**.

Highlights include

- 20 rock samples were collected, and the results demonstrate high-grade uranium mineralization up to 38,600 ppm or 3.86% U3O8
- multiple targets have been identified for follow-up exploration in 2022

## COMMODITIES AT A GLANCE

**Skyharbour Resources Ltd** announced it has acquired by staking 6 new uranium exploration properties totaling 147,510 ha.

### Highlights include

#### **Riou River Project**

-18,227 ha along the Riou River within the Athabasca Basin. Contains over 40 undrilled EM conductors along a Mag Low, and anomalous boulder geochemistry.

#### **Pluto Bay Project**

-28,840 ha NE of Black Lake, hosting numerous uranium showings and several EM conductors east of the Black Lake Fault.

#### **Wallee Project**

-20,765 ha 35 km NW of Eagle Point Mine, numerous untested EM conductors coinciding with Mag and/or gravity lows.

#### **USAM Island Project**

-42,186 ha 21 km NE of Eagle Point Mine. Numerous conductors along Mag Lows

#### **Foster River Project**

-37,529 ha SW and adjoining Skyharbour's South Falcon Point Project. Numerous uranium showings including up to 1.25% U<sub>3</sub>O<sub>8</sub> in grab samples.

#### **South Dufferin Project**

-922 ha along the Virgin River Trend

**Standard Uranium Ltd** announced its exploration schedule for 2022

### Highlights include

#### **Sun Dog Project**

-winter drilling will focus on the Sun Dog Project

-located along the NW rim of the Athabasca Basin

-prior to winter drilling, high resolution ground gravity and UAV magnetics surveys will be conducted over high-priority targets

#### **Davidson River Project**

-spring/summer drilling campaign to commence in May 2022

#### **Atlantic, Canary and Ascent Projects (all located on the east side of the Athabasca Basin)**

-high-resolution ground gravity will be conducted over the western **Atlantic** claim blocks in January 2022

-airborne VTEM survey is planned for the **Ascent Project**

-IP survey planned on the **Canary Project**

#### **UEX Corp** announced the results of its Fall 2021 exploration drilling program at the **Christie Lake Project**

### Highlights include

-1,573 m drilling in 3 holes

-off-cut CB-124-1 encountered uranium enrichment in basement including 181 ppm U and 172 ppm U

-CB-153A intersected anomalous uranium geochemistry averaging 1.9 ppm U within the basal 29.4 m of sandstone

-CB-134A returned anomalous boron including 620 ppm boron over 70 m above the unconformity and 645 ppm boron over the basal 45.8 m of sandstone

-planning is underway for 2022 exploration

## COMMODITIES AT A GLANCE

**Valor Resources Ltd** announced the signing of a drilling contract as well as a camp construction contract in preparation for a diamond drilling program comprising 2500 m in 10-15 drill holes on the **Hook Lake Uranium Project**.

**Dahrouge Geological Consultants** will oversee the drilling campaign, with the geophysical compilation and interpretation being carried out by **Terra Resources Pty Ltd of Perth Australia**.

### BASE METALS

**Fathom Nickel Inc** released an updated initial interpretation of 2021 soil geochemistry results at its **Albert Lake** property.

#### Highlights include

-5,719 B1 soil samples taken in 2002, 2018 & 2021

-highest values, Ni 393 ppm, Cu 383 ppm, Co 160 ppm, Pd 187 ppb and Pt 411 ppb

The Fall 2021 drill program is now complete with assays pending.

Planning is underway for the Winter 2022 drilling program, expected to commence in mid-January.

**Rockridge Resources Ltd** announced it has completed its geophysical program at the **Knife Lake Copper Project**.

#### Highlights include

-phase 2 VTEM Plus airborne geophysical results received

-19 kms of conductors identified

-field crew was deployed to conduct follow-up surficial mapping and prospecting

-analytical results are pending

-modelling of the VTEM data is underway

### PGE's

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

**Fathom Nickel Inc** released an updated initial interpretation of 2021 soil geochemistry results at its **Albert Lake** property.

#### Highlights include

-5,719 B1 soil samples taken in 2002, 2018 & 2021

-highest values, Ni 393 ppm, Cu 383 ppm, Co 160 ppm, Pd 187 ppb and Pt 411 ppb

The Fall 2021 drill program is now complete with assays pending.

Planning is underway for the Winter 2022 drilling program, expected to commence in mid-January.

## COMMODITIES AT A GLANCE

### DIAMONDS

**Star Diamond Corp** and **Rio Tinto** announced a comprehensive resolution of all disputes and revived joint venture (JV) arrangements.

Highlights include

- all expenditures prior to December 31, 2021, will be the sole responsibility of **Rio Tinto Exploration Canada Inc.**
- all expenditures between January 1, 2022, and the public announcement of a decision to develop a diamond mining operation based on the completion of a positive **FS**, will be advanced by **RTEC**.
- once a decision has been made and announced Star Diamond will have 6 months to begin contributing to the **JV** for Star Diamond's share of the Capital Costs and expenditures.
- in exchange for these amendments, the participating interests have been adjusted to **75% for RTEC and 25% for Star Diamond** (from 60% and 40% respectively).

### SILVER

**SKRR Exploration Inc** reported results from its 12 hole 1,687.68m fall drill program at its **Manson Bay Gold Project** located 40 km northwest of Flin Flon.

Highlights include

- MB21-001 2.14 g/t Au, **12.90 g/t Ag**, 0.13% Pb and 0.55% Zn over 10.23m including 3.07 g/t Au, **15.60 g/t Ag**, 0.16% Pb and 0.64% Zn over 6.2m
- MB21-002 1.14 g/t Au, **9.49 g/t Ag**, 0.13% Pb and 0.79% Zn over 9.33m
- MB21-004 1.79 g/t Au, **13.75 g/t Ag**, 0.20% Pb and 0.47% Zn over 20.29m including 4.01 g/t Au, **28.24 g/t Ag**, 0.42% Pb and 0.76% Zn over 7.75m
- MB21-006 1.10 g/t Au, **21.05 g/t Ag**, 0.44% Pb and 0.93% Zn over 9.0m
- MB21-012 0.74 g/t Au, **5.77 g/t Ag**, 0.06% Pb and 0.45% Zn over 14.42m
- anomalous results are coincident with sulphide mineralization occurring in disseminated and interstitial to stringers, fracture fillings and semi-massive to massive blebs.
- sulphides include 1-10% py and po and occasionally 1-2% sphalerite and rarely galena.

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Keewatin Community Development Association & Northlands College are pleased to welcome you to attend this year's events starting with the Icebreaker @ Kosta's on February 7<sup>th</sup>, followed by presentations and core displays on the 8<sup>th</sup> & 9<sup>th</sup> of February @ Northlands College in Air Ronge and the Legion in La Ronge, and ending on the afternoon of the 9<sup>th</sup> with the Northern Fish Fry by Cravings!

Details and Agenda on the presentations will be provided at a later date, although we welcome queries from companies wishing to advertise through sponsorship and/or interested in giving presentations or providing core for display from their properties.

We are asking for sponsors for the "Ice Breaker" on the 7<sup>th</sup>, the "Social" on the 8<sup>th</sup>, and the "Northern Fish Fry" on the 9<sup>th</sup>. As well, advertising sponsorship can be had as "Friends of Core Days" for \$250, "Bronze" \$1,000, "Silver" \$1500 and "Gold" \$2000. A one-year free business card Ad will be placed in the monthly Highlights for sponsorship of \$1,000 and up.

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

**Saskatchewan!**

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

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

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

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

**For more information please email:**

**Chris Knudsen**

[C.K.miningproperties@gmail.com](mailto:C.K.miningproperties@gmail.com)

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**For more information please email:**

**Chris Knudsen**

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### Miller Island Claim for Sale or Option, U3O8, TREO and ThO2 Potential

Please contact Gary for details: [gdeexploration@gmail.com](mailto:gdeexploration@gmail.com)

Claim MC00015760 (1147 ha or 2834 acres, 6 km in length, covering entirety of Miller Island, in good standing to 3/12/ 2024), tied onto Searchlight Resources and approximately 2km SW of the *Craig Lake Occurrence* (0.93% U3O8, 1.00% ThO2 and 0.333% MoS2 in boulders). The Miller claim is underlain by Upper Assemblage Meta-Arkose. At the north and south ends, the claim is underlain by NE Trending banded quartzofeldspathic to arkosic gneiss. The Miller claim lies approximately 5 km NE of the *Rona Occurrence* (0.226% U3O8, 0.67% MoS2 and 0.1% U3O8 over 10.5 ft or 3.2 m in trenches). 7 km to ESE lies the *BURR uranium occurrence* hosted in a calc-silicate horizon within Me-ta-Arkose. The 182.9m X 0.9m ore shoot averages 0.18% U3O8. The Miller claim also lies approximately 15 km NE of the *Kulyk Lake Property* (56.18% TREO, 12.49% CREO, 9.61% Neodymium Oxide & 1,194 ppm Dysprosium Oxide) currently being explored by Searchlight Resources Inc, where new uranium anomalies were delineated by recent airborne radiometric survey. Approximately 30 km to the NE of Miller, Valor Resources Ltd (ASX) are commencing a diamond drill program on their *Hook Lake Project*, following up on airborne radiometric and surface sampling results which returned up to 59.2% U3O8 and 5.05% TREO.

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**Taiga Gold Corp**

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