

ASX ANNOUNCEMENT

ASX: NVA, OTC: NVAAF, FSE: QM3



9 August 2021

Company Presentations

Nova Minerals Limited (**Nova** or **Company**) (ASX: NVA, OTC: NVAAF, FSE: QM3) CEO Mr Chris Gerteisen and Executive Director, Mr Louie Simens be presenting to various shareholders.

To learn more please visit: <https://novaminerals.com.au/estelle-gold/>.

This announcement has been authorised for release by the Executive Director, Mr Louie Simens.

- Ends -

Further information:

Christopher Gerteisen
CEO and Executive Director
E: info@novaminerals.com.au
P: +61 3 9537 1238

Ian Pamensky
Company Secretary
E: info@novaminerals.com.au
P: +61 414 864 746

Nova Minerals Ltd is a dynamic Australian explorer and developer of its expanding flagship 4.7Moz Estelle Gold project situated in Alaska

Nova Minerals Limited
ACN: 006 690 348
ASX: NVA
OTC: NVAAF

Office:
Suite 602, 566 St Kilda Road
Melbourne, VIC, 3004
Australia

Contact:
P: +61 3 9537 1238
E: info@novaminerals.com.au
W: www.novaminerals.com.au



Shareholder Presentation

Focused on continuous growth, improvements, innovations and sustainability to create long term shareholder value

August 2021

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The Company confirms that it is not aware of any new information or data that materially affects the information included in this document and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed from the announcements released on the ASX on 05 October 2020.

Competent person statement

Mr **Dale Schultz P.Geo.**, Principle of DjS Consulting, who is Nova groups Chief Geologist and COO of Nova Minerals subsidiary Snow Lake Resources Ltd., compiled the technical information in this presentation and is a member of the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS), which is ROPO, accepted for the purpose of reporting in accordance with ASX listing rules. Mr Schultz has sufficient experience relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Schultz consents to the inclusion in the report of the matters based on information in the form and context in which it appears.

Introduction to Nova Minerals

- **One of the fastest growing Gold resources globally**
 - **4.7Moz Au Inferred Resource¹** at Korbelt Main Deposit
 - Massive upside remains within Korbelt Valley
 - Next Korbelt resource upgrade and RPM Maiden Resource in Q4 2021

Leverage in the emerging gold bull market

Majority holder of Snow Lake Resources² (Thompson Brothers Lithium Project)

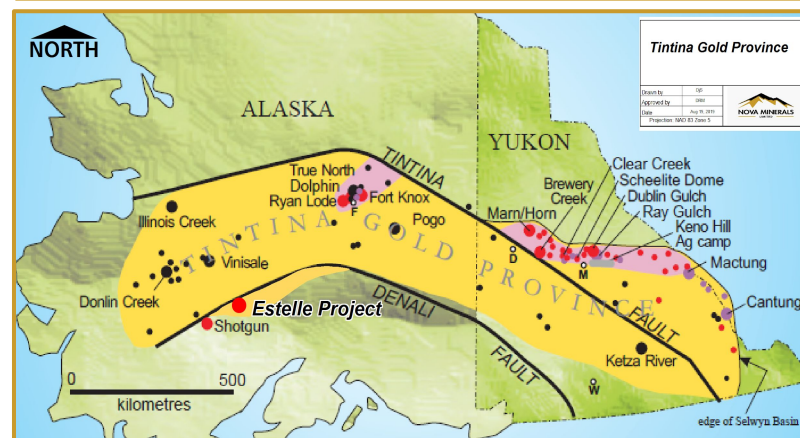
Significant shareholder in innovative RotorX eVTOL and helicopter manufacturer

13% holder of Torian Resources (ASX:TNR)

1. See NVA ASX announcement on 6 April 2021 for further details
2. See NVA ASX announcement on 2 August 2021 for further details

Project Objective

Nova Minerals' Gold deposit and endowment is one of the world's largest and fastest developing. The Thompson Brothers Lithium project is also on track to expand and move into development phase. Our projects are located in Canada and the United States. Our objective is to grow resource and reserve ownership per share. Our risk-reducing strategy: expand them through exploration; move them to reserves through engineering; secure environmental approvals and move to mine construction and operation.

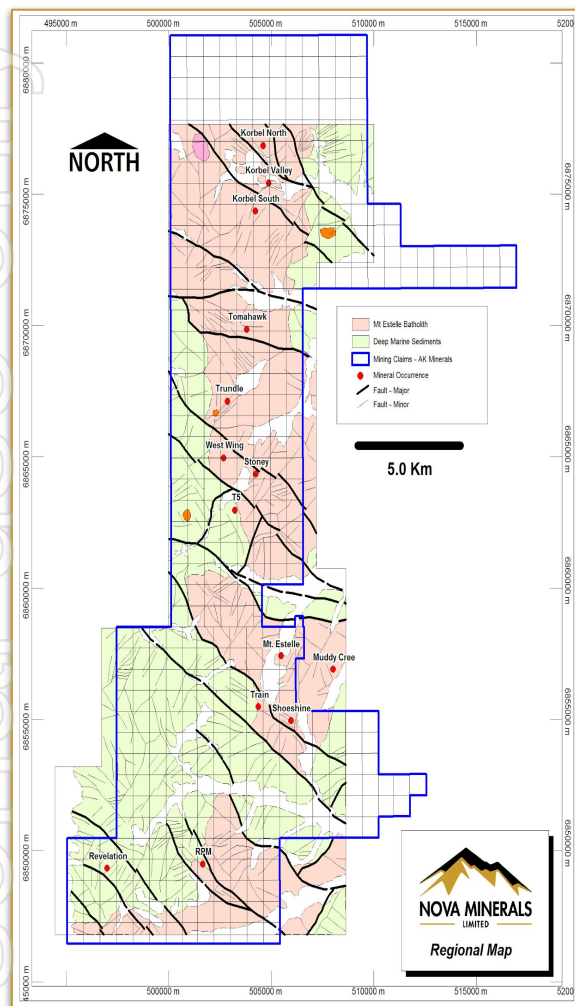


>200 Mozs Au documented endowment
Untold Mozs Au placer production
Intrusion Related Au (IRGS) elephant country

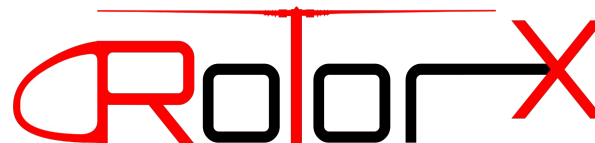
Fundamental Multi Pillar Growth Strategy

Exploration and Gold development
of the Estelle Gold District

Strategic and opportunistic investments to leverage
innovation and cleantech growth¹



Thompson Brothers Lithium Project - Page 24



Aircraft Manufacturing Co.

The World's Most Efficient Helicopter (eVTOL) - Page 27



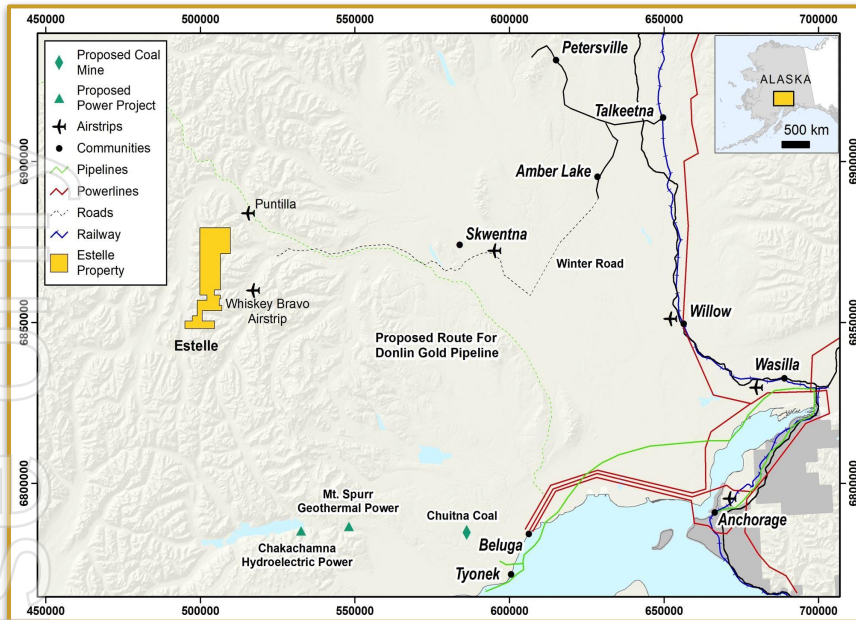
High Growth gold explorer in Eastern Goldfields of WA

1. Refer page 22

Fundamental Multi Pillar Growth Strategy

- **Gold** - Aiming to be the next low-cost gold producer in Alaska while unlocking the Estelle gold district
 - Leverage in the emerging gold bull market
- **Lithium** - Spinning off and managing Snow Lake Resources² (Thompson Brothers Lithium Project)
 - Snow Lake is committed to being the first fully renewable energy powered electric mine in the world that can deliver a completely traceable, conflict free, net zero carbon, battery grade lithium to the electric vehicle, or EV, consumer market.
- **eVTOL** - Preparing innovative RotorX air taxi and heavy lift eVTOL and helicopter manufacturer for listing (Alongside Lilium, Joby, and Volocopter Peers)
- **Gold** - Continuing to support the growth 13% holder of Torian Resources (ASX:TNR)
- **Opportunities** - Remaining open minded for additional opportunistic investments for further shareholder growth

Estelle Gold District - Within the Tintina Gold Province



LOCATION

185 km northwest of Anchorage
15 km - Whiskey Bravo Airstrip
15 km - proposed Donlin Pipeline

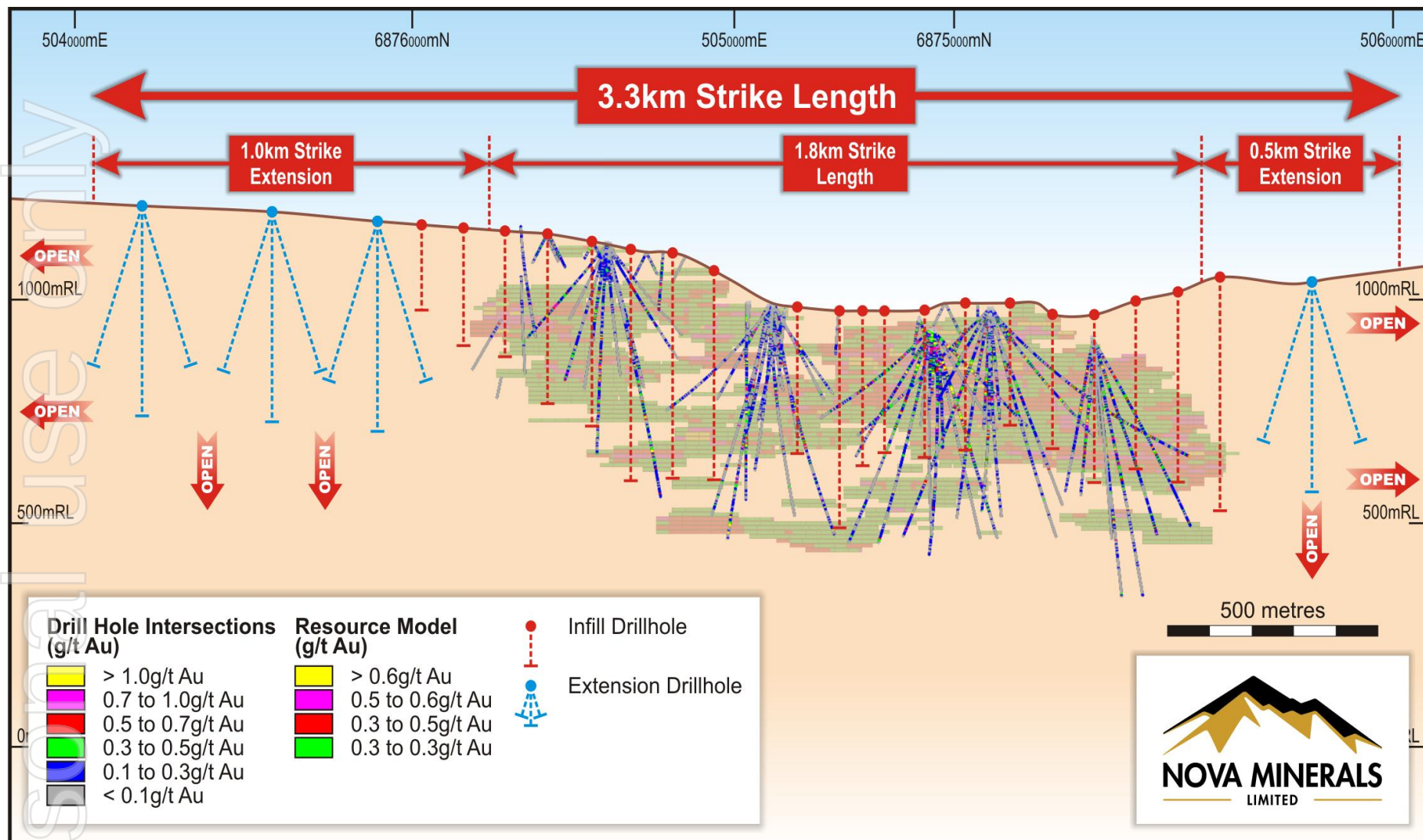
ACCESS

Aircraft: Anchorage to Whiskey Bravo
Helicopter: Whiskey Bravo to Property
Winter Road Access: Available
Multi-Season Access Road:
Government initiative to advance studies
for the West Susitna Access Road



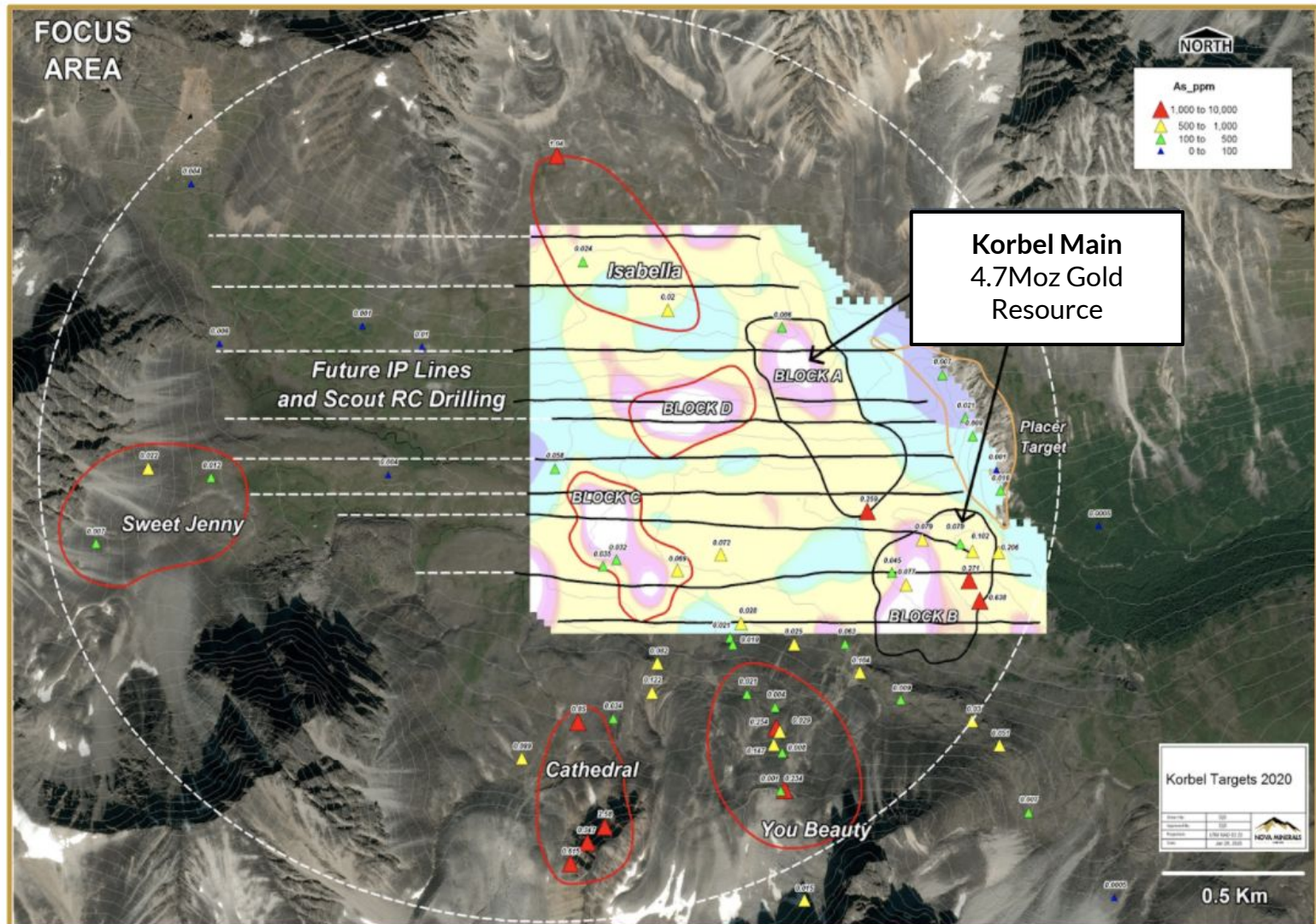
Understanding the Scale of Korb Main Alone

(One of fifteen known prospects with the Estelle Gold District)



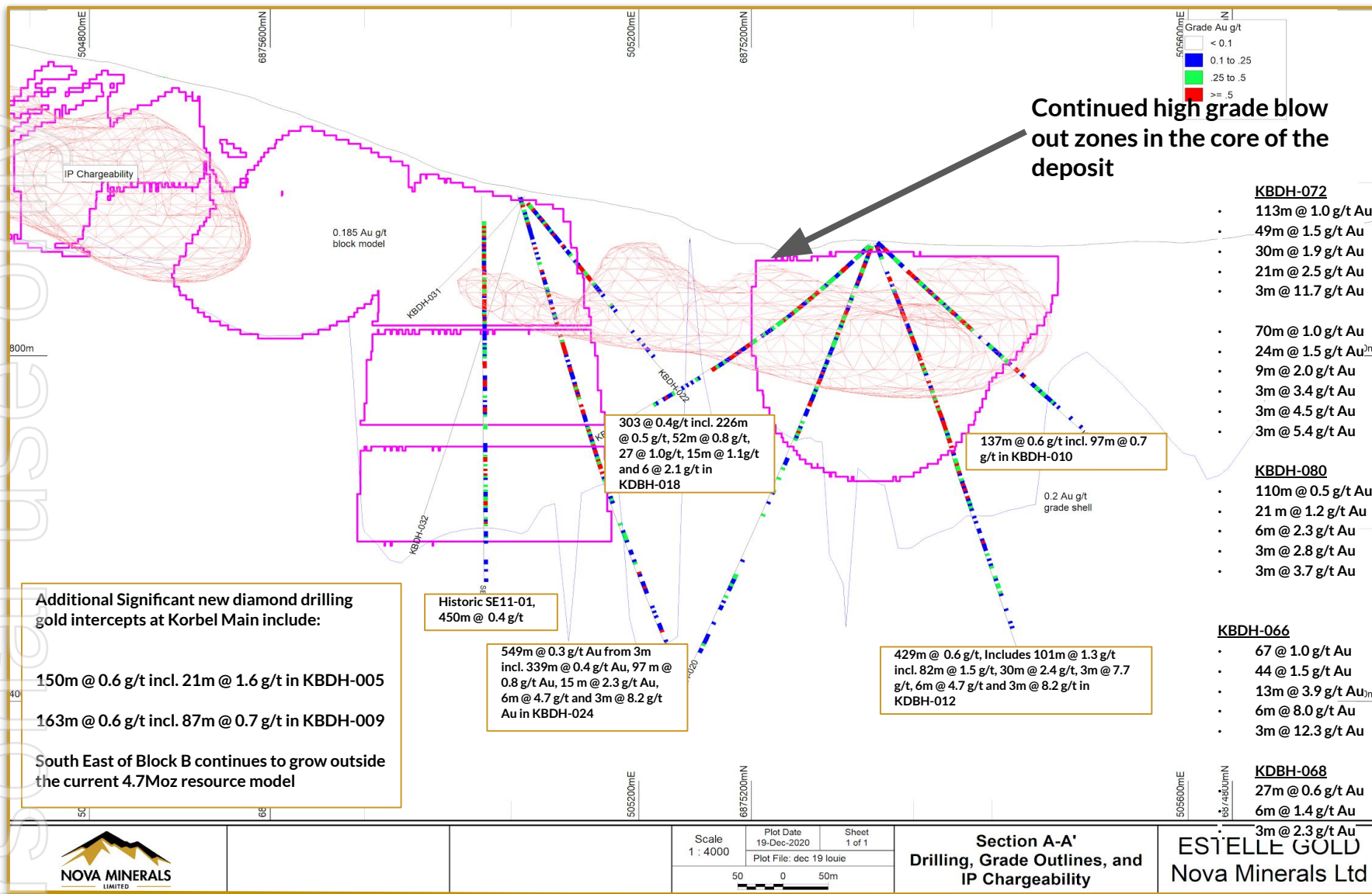
Korbel Valley

(Untapped area of interest outside of Korbel Main within the same valley)

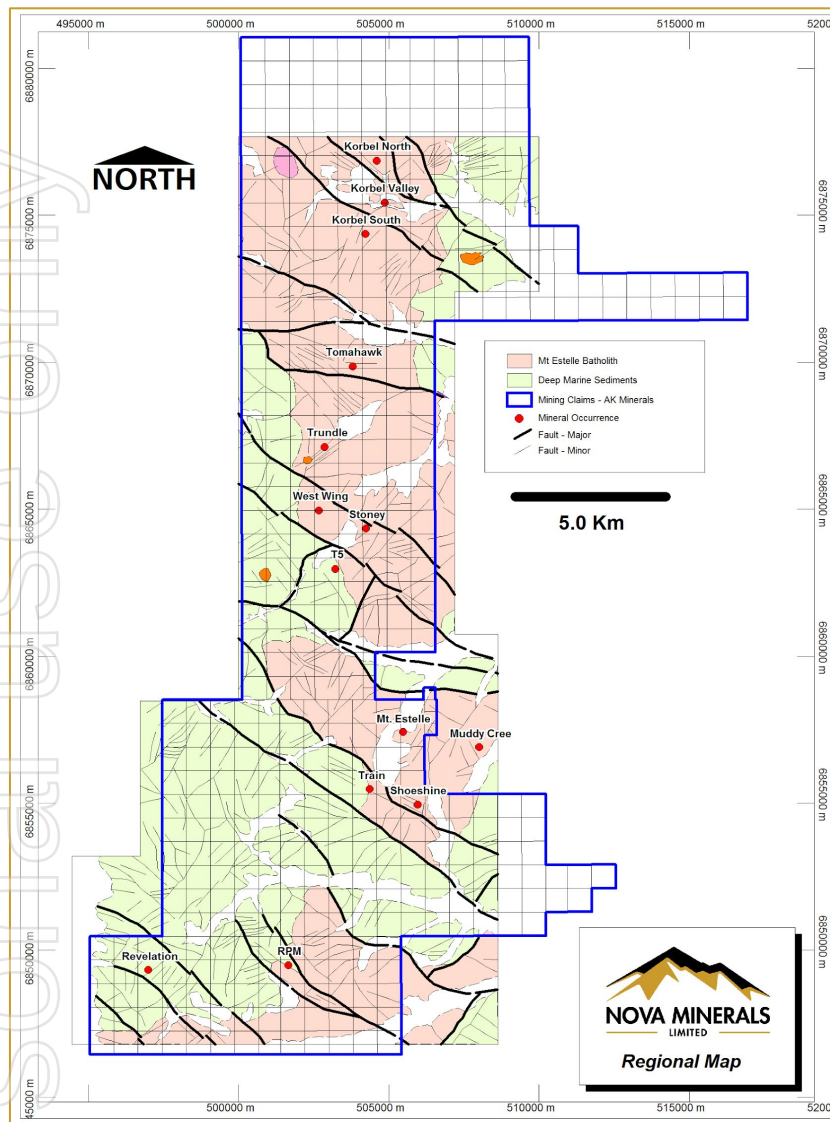


Drilling Extends Mineralisation

(ASX: 19 August 2020 & 16 October 2020)



Major Gold District



- Expanded claim block to 324km² (125 sq miles) across 507 state claims
- Korbel Main remains the main drilling focus and continues to grow with potential for new zones
- Four known intrusions outside the Korbel area plus more than 15 priority targets
- **High potential to extend existing Mineral Resource of 4.7Moz (Korbel Main only)**
- Drill testing of regional targets to commence in 2021

Inferred Mineral Resources			
Cut-off (Au g/t)	Tonnes (Millions)	Grade (g/t Au)	Ounces (Millions)
0.10	748	0.2	5.6
0.15	518	0.3	4.7
0.25	234	0.4	3.0
0.35	112	0.5	1.8
0.45	57	0.6	1.1

Cathedral Prospect

(ASX: 03 December 2018 and 26 August 2020)

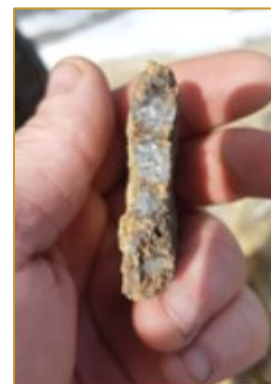
Sampling of high grade reconnaissance rock chip define high priority target within the Korbel Prospect at the Cathedral target

Rock chip samples returned high-grade gold results, including 6 samples greater than 10.0g/t and supporting lesser values:

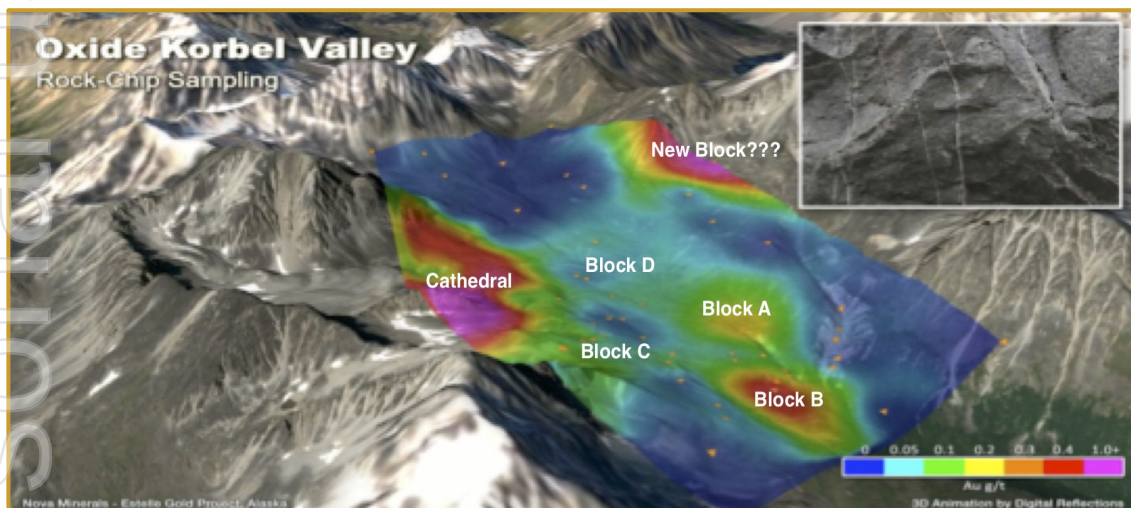
- 141.0g/t, 98.3g/t, 37.1g/t, 24.5g/t, 19.6g/t and 11.05g/t



Chip Samples from Cathedral
– 141 g/t



Arsenopyrite Vein from
Cathedral -141 g/t Au



Chip sample stations 207646-207648 in the general South Korbel map area, illustrating metallic values across three, ten meter chip sample sites (30 metre). The average grade of the sampled area is 1.17 g/t gold, 6,230 ppm arsenic, 1.67 g/t silver, and 1.40 g/t tellurium. In addition, sample 207646 contained 1,295 ppm copper.

Korbel Main Project: Studies and Works

- De-risking studies and works underway:
 - Metallurgy and environment studies
 - Onsite sample prep lab and infrastructure
- Initial metallurgical testwork on Korbel:
 - Bulk/Particle Ore sorting
 - Gravity/Flotation
 - Carbon In Pulp (CIP)
 - Fine Grind/Intensive Leach
 - Heap Leach
- "Snapshot in time" interim scoping study to assess:
 - Mining/Process optimisation
 - Mine design and infrastructure
 - Optimal engineering design
 - Trade off studies - power/process
 - Economic estimation

Fort Knox gold mine Open Pit



'The resource is amenable to pre-concentration using an XRT ore sorting whereby our test work to date has clearly shown a 10x increase in grade can be achieved' (ASX:15 March 2021)



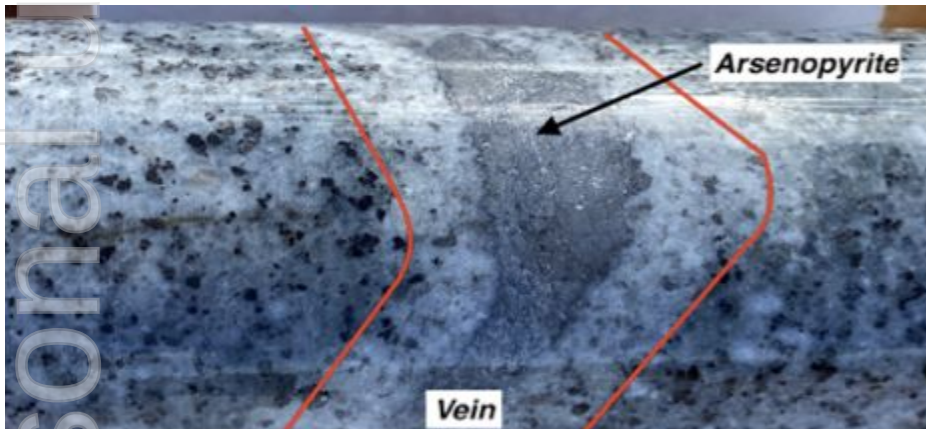
Nameplate capacity is the 1800 tons per hour XRT-based sorting plant at the Umm Wu'al phosphate mine in Saudi Arabia

Ore Sorting Discrete Korbel Main Veins

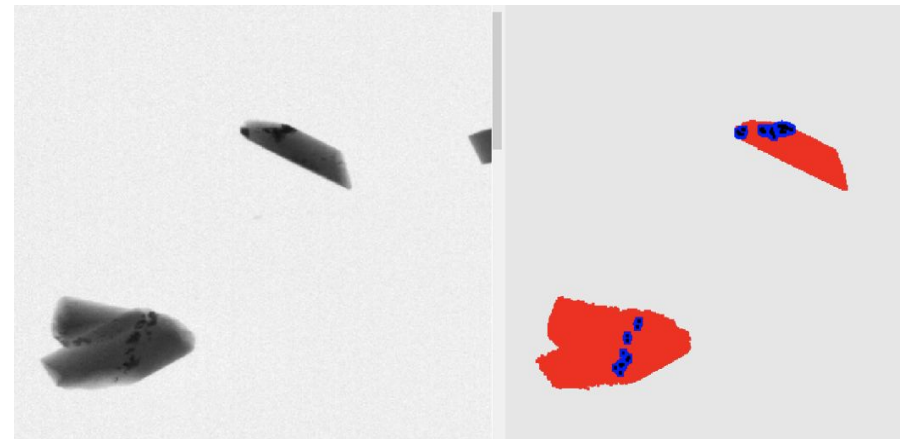
(ASX:15 March 2021)

Ore sorting test work on drill core demonstrates great potential for less processing and increased mine production at Korbel Main

- Ore sorting results show up to 10x uplift from 588kg sample
- Rejected material can still be potentially processed by heap leach pad
- Ore sorting test work programmes conducted by TOMRA in Sydney demonstrate the potential of ore sorting using X-ray transmission (XRT) technology to successfully separate the gold-bearing veins at Korbel Main
- The results clearly demonstrate the significant benefits that could be expected from the application of Ore Sorting technology, including the potential to increase mine production and enhance the project economics.
- The application of ore sorting at Korbel Main has potential to improve project economics and increase gold production through:
 - o Facilitation of bulk mining that would reduce unit mining costs and ore loss experienced in selective mining
 - o Rejection of waste material, leading to lower processing costs and minimises environmental impact
 - o Higher mill reed grade



Typical Arsenopyrite sheeted vein in core from Korbel Main



XRT Scan of Product after Stage 1 (6.06 g/t). Blue and Black = Arsenopyrite sheeted vein. Red = Granite Waste Rock.

Year Round Camp Facility

Man Camp and Logging Facility Established



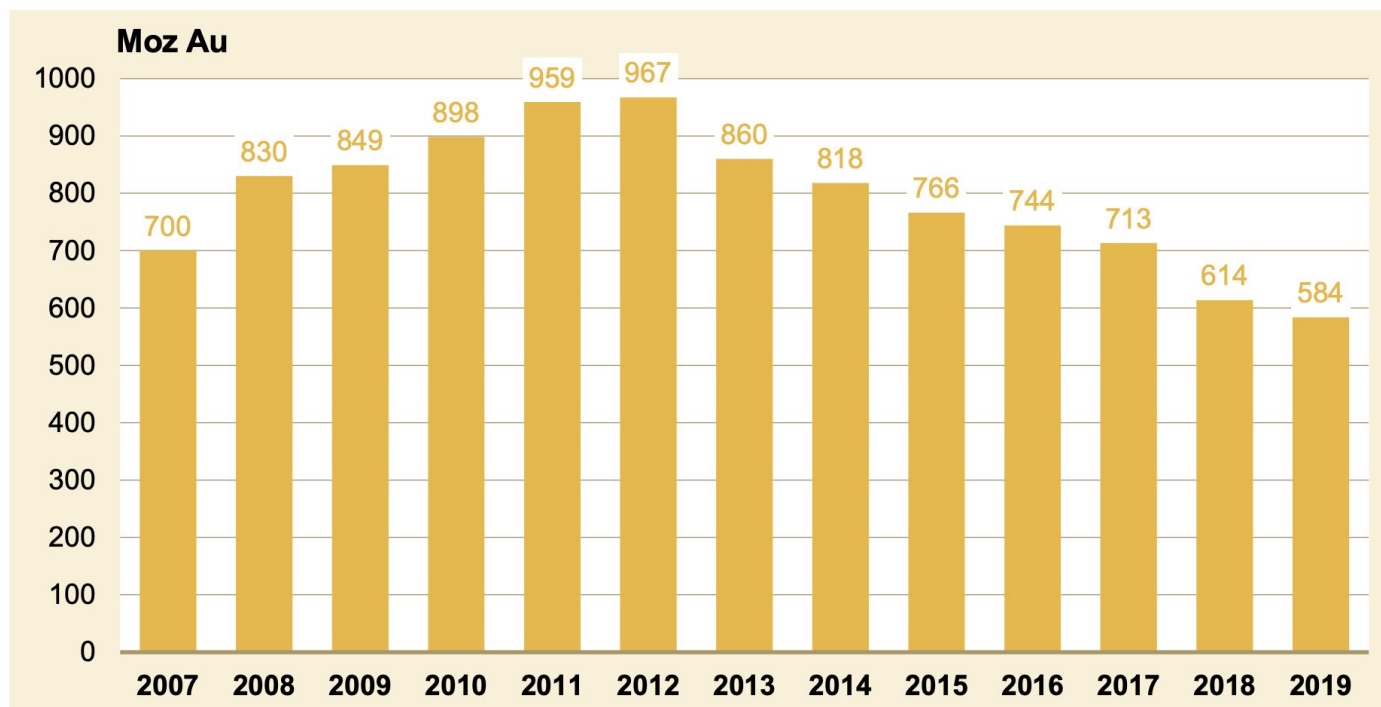
On-Site Sample Preparation Lab

- Capacity to process up to 7,500 samples per month
- Significant cost savings
- Vastly improved assay turnaround time



The Right Place at the Right Time

Reserves held by major gold companies have declined 26% since 2012...they are now below 2007 levels



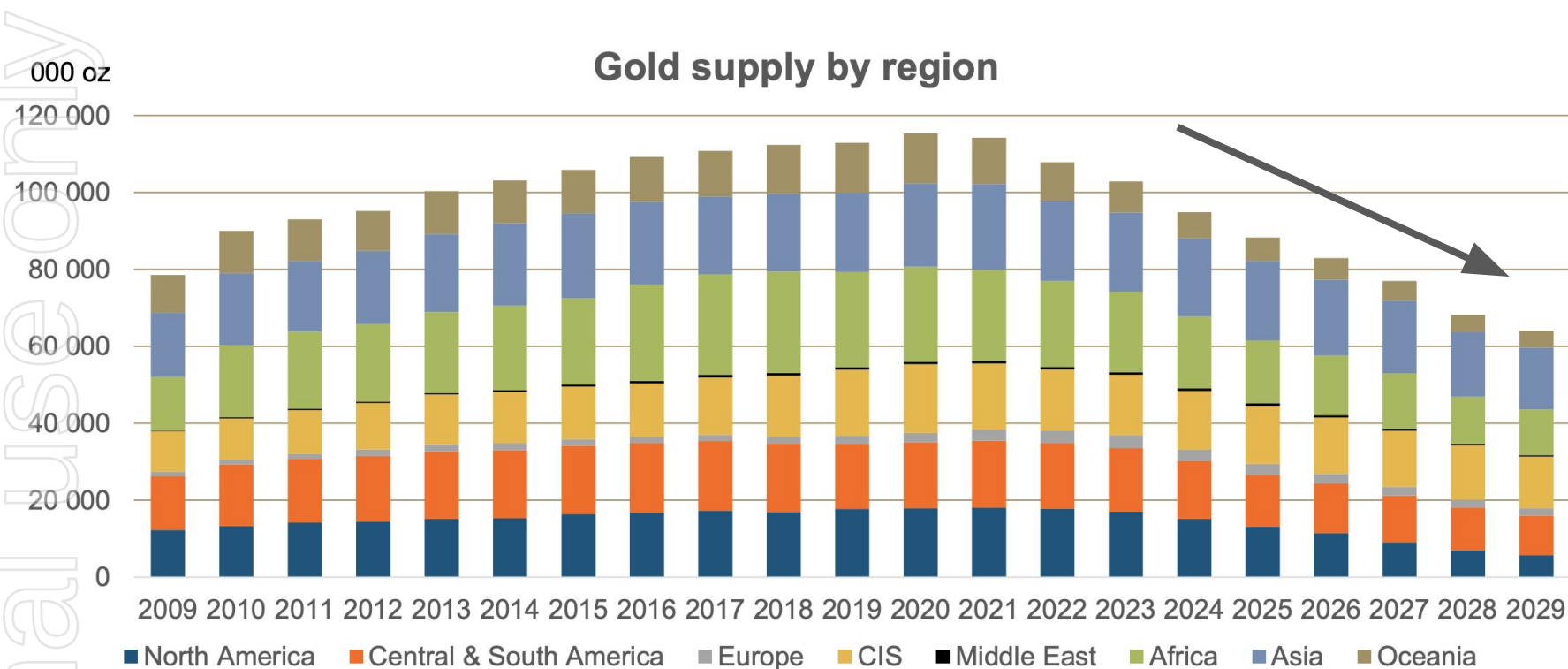
Agnico Eagle, AngloGold Ashanti, Barrick, China National, Freeport McMoRan, Gold Fields, Goldcorp, Harmony, Kinross, Navoi Mining & Metallurgy Combinant, Newcrest, Newmont, Nord Gold, PJSC Polyus, Polymetal International, Randgold Resources, Shandong Gold

Source: Company filings, S&P Global Market Intelligence

2019 = reported updated reserves where available

Gold Supply Forecast

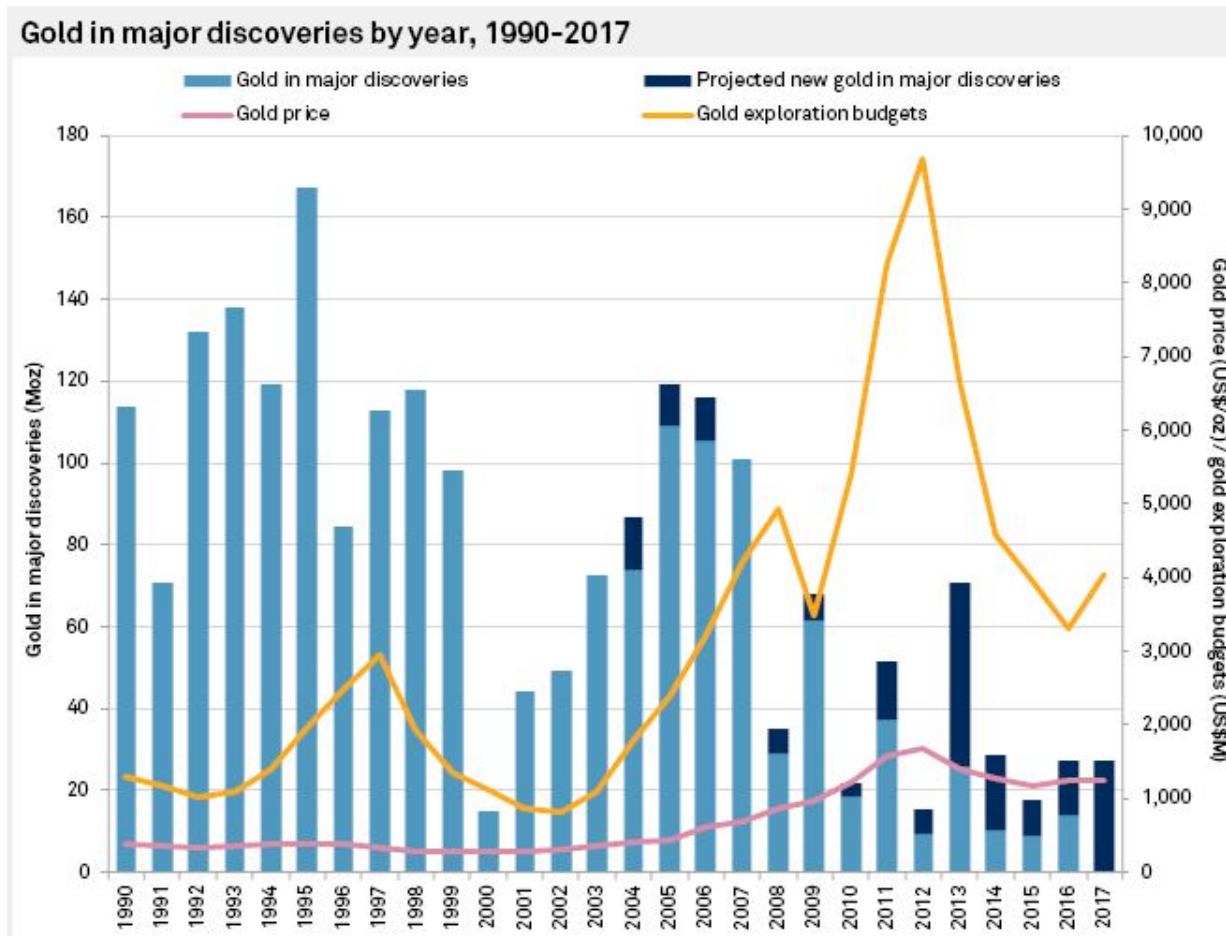
The gold industry is facing a downturn in production



Source: AME Metals & Mining/Strategic Market Study Q2 2019

Discoveries and Exploration Expenditure

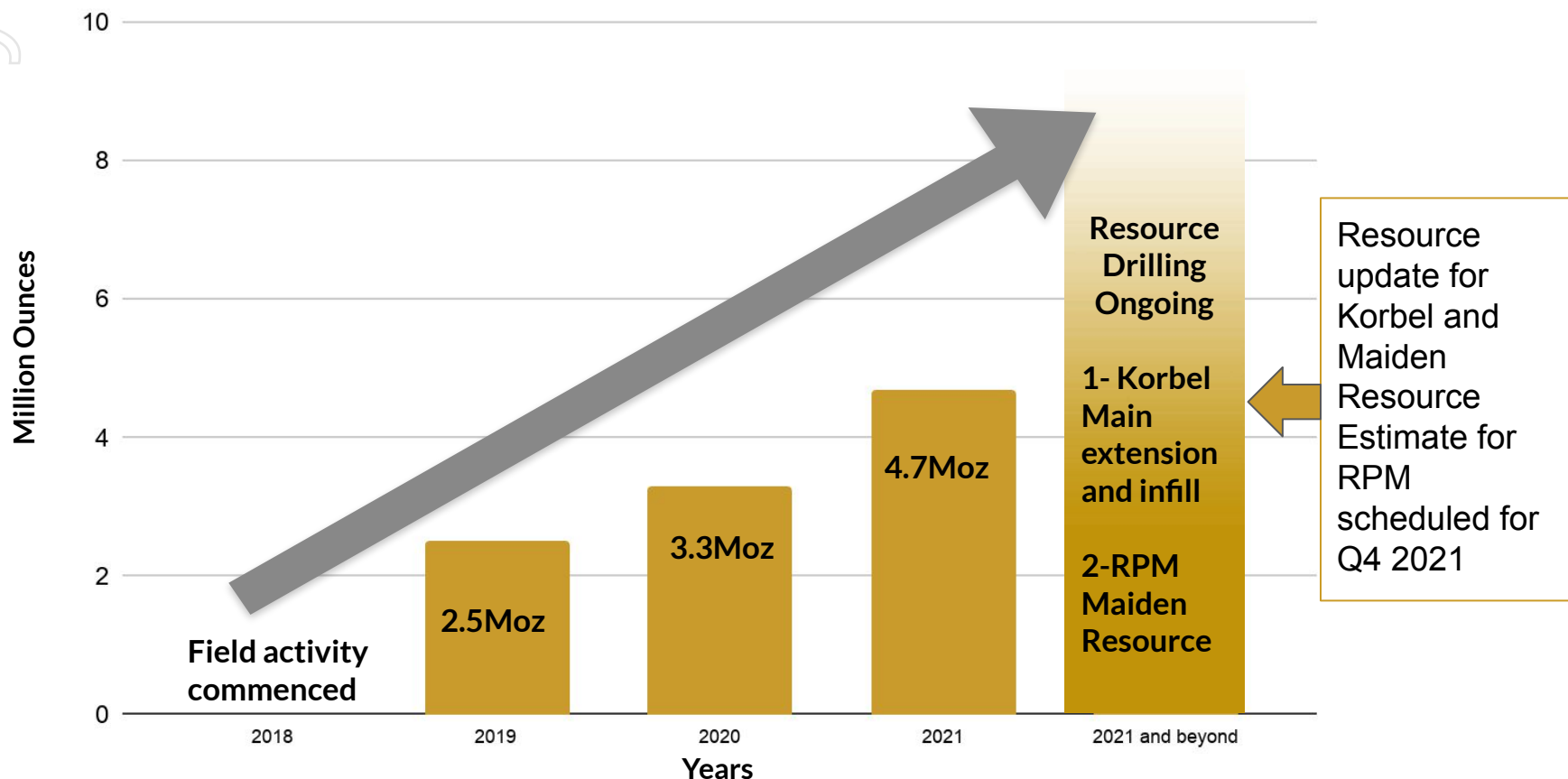
Despite increasing exploration budgets, the industry has little to show for it



Source: S&P Global Market Intelligence - April 26, 2018

Our track record of discovering ounces - We aren't done yet!

Reflective of the Korbel Main Prospect Only



See NVA ASX announcement on 05 October 2020 and 06 April 2021 for further details

Focus for 2021

Korbel

RC/diamond drilling to expand and delineate the footprint and depth of the known mineralisation

Mineral Resource Upgrade in April 2021

Zones remain open with limits yet to be found

Potential for further convergence and new zones to be identified

RPM

Maiden drilling program of two known mineralized intrusions

Maiden Resource late 2021

Anomalous gold mineralisation and prospective geochemical targets will be followed up by diamond drilling starting 2nd quarter 2021

Regional

Geochemical sampling and mapping programs across claims in 2021

Priority on Shoeshine, Stoney, T5, Train

20 miles of strike length with numerous unnamed color anomalies to be investigated

Additional claim staking to expand land holding

Development

More detailed metallurgical testwork

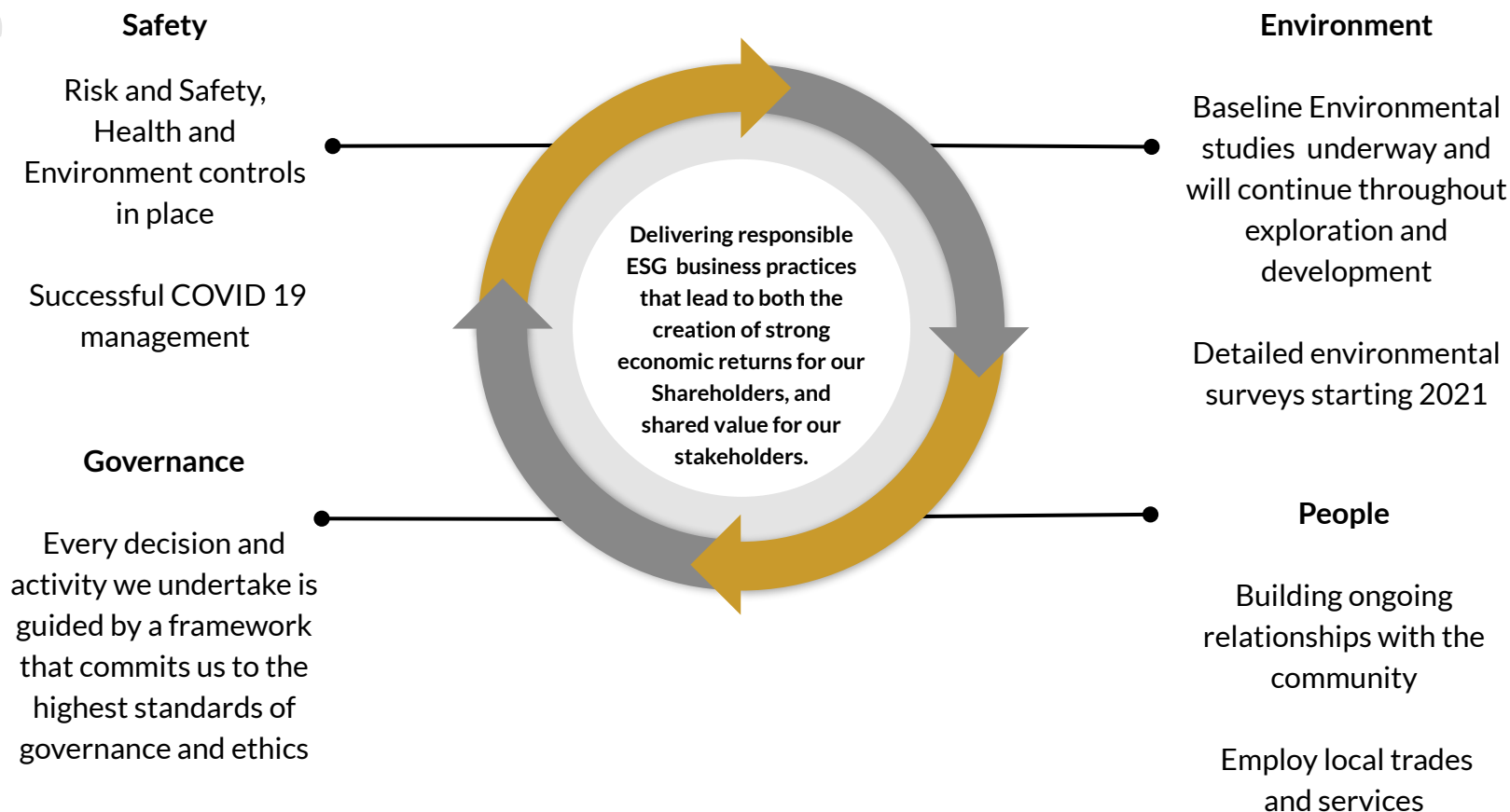
Phase 2 ore sorting test work

Baseline environmental surveys & commence permitting process

Mining and processing studies

Economical studies

Building a Solid Business



Innovation with Environment in Mind

eVTOL on the exploration and mine site

The RX eTransporter can take off and land vertically and fly for over 1.5 hours, or hover for over 45 minutes, on a single charge. Typical eVTOL's that are in the news today can only hover for a few minutes before needing to land. Having this outstanding eVTOL hovering capability makes the RX eTransporter ideal for commercial cargo and personnel flights.

The extremely versatile eTransporter has a max air speed of over 160mph and a ceiling of over 25,000 feet! This, along with a range of up to 200 miles and a max payload of 1,600 lbs, means that the RX eTransporter will be the clear leader in the electric air taxi space.



XRT Ore Sorting

Sorting particles early in the process removes waste material from the circuit. This removed material allows more throughput of valuable feed for downstream processes like leaching, flotation or gravity concentration. It also allows companies to choose to decrease their plant size for significant CAPEX and OPEX savings. Removing waste from circuits can also remove bottlenecks further down the mineral processing circuit. Higher head grades also result in improved leaching and flotation recoveries.

This preconcentration also lowers the environmental footprint of the mineral processing operation as waste material can be stored in rock piles rather than ending up in a wet tailings impoundment. Preconcentration is simple to implement and an effective way to improve downstream mineral processing operations.



Investments - Positioned for Further Growth



~74% owned

To learn more please visit:
<https://snowlakeresources.com>



12.99% owned

To learn more please visit:
<https://www.torianresources.com.au>



9.9% owned

To learn more please visit:
<https://rotorxaircraft.com>

CEO, Mr. Christopher Gerteisen notes:

"Our metric for evaluating our managerial performance is simply how rapidly we develop our assets, what strategic positions we have acquired at well below inherent value and what partnerships we have formed to advance our projects. From small beginnings, we have evolved into a company that has a large and growing gold endowment, unlocking a district in a top tier jurisdiction, taken strategic positions, formed relationships and partnerships with companies to assist us in our aggressive growth strategy with Nova's long-term sustainability and innovation in mind to benefit all stakeholders."



Investments - Positioned for Further Growth

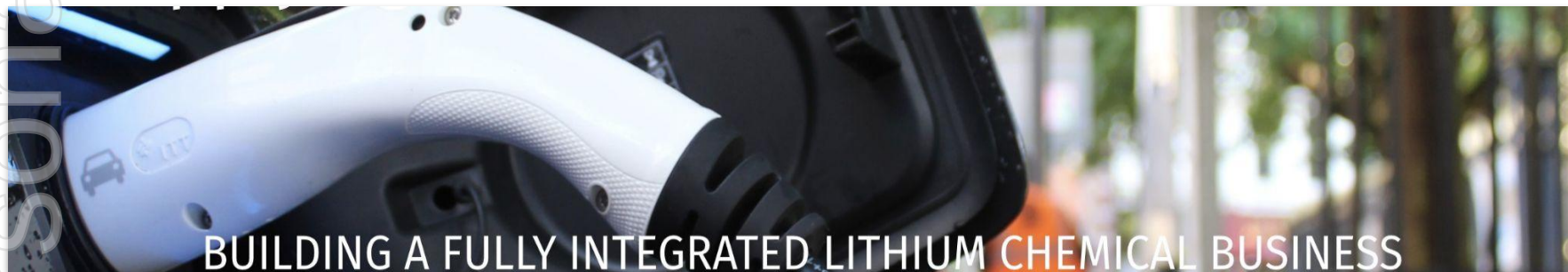
Snow Lake's Mission

Snow Lake is committed to being the first fully renewable energy powered electric mine in the world that can deliver a completely traceable, conflict free, net zero carbon, battery grade lithium to the electric vehicle, or EV, consumer market. Snow Lake aspires to not only set the standard for responsible lithium battery manufacturing but intends to be the first lithium producer in the world to achieve Certified B Corporation status in the process. As a Certified B Corporation (defined on page 3 of F1 Filing), Snow Lake would hope to participate in accelerating the global culture shift to redefine success in business and help to build a more inclusive and sustainable economy.

- Mineral Resource Estimate (ASX: 3 June 2021):
 - Indicated Resource Estimate of 9.08 Mt @ 1.00 % Li₂O using a 0.3 % Li₂O cut-off grade and;
 - Inferred Resource Estimate of 1.97 Mt @ 0.98 % Li₂O using a 0.3 % Li₂O cut-off grade.

Snow Lake intend to achieve environmental, sustainability and governance friendly strategy through utilization and operation of the following initiatives and resources:

- Snow Lake have entered into a memorandum of understanding (MOU), with Meglab Electronique Inc. for Meglab's delivery to of the first all-electric lithium mine in the world.
- Snow Lake have also entered into a MOU with CentrePort Canada Inc. to have CentrePort as the potential location to build a hydroxide plant.



Investments - Positioned for Further Growth

- In April 2021, Snow Lake entered into a MOU with IMG Investitions- und Marketinggesellschaft Sachsen-Anhalt mbH, the economic development agency for the state of Saxony-Anhalt, to consider investment in a lithium hydroxide plant in the Saxony-Anhalt region for final processing. Snow Lake cannot guarantee however, that the above nonbinding MOUs will lead to definitive agreements.
- Power to operate the future lithium mine is expected to be supplied by Manitoba Hydro on a 97% renewable basis;
- Snow Lake are currently identifying sites within Manitoba for hydroxide processing of spodumene that will be powered by renewable energy sources;
- The Arctic Gateway Group's Hudson Bay Railway lines are located within 30 kilometers of our TBL property will connect our lithium mining operations to the North American auto industry with a minimum carbon footprint, with total mine to manufacturer distance of less than 1,000 miles; and
- Snow Lake intend to apply for "B Corporation" certification reflecting our corporate dedication to standards of social sustainability, environmental performance, accountability and transparency. A "Certified B Corporation" is a business that meets the highest standards of verified social and environmental performance, public transparency, and legal accountability to balance profit and purpose. Snow Lake have begun the preliminary process to become a "pending" B corporation and expect to formally apply for B Corporation status approximately one year after completion of this offering and ramp up its operations. There can be no assurance at this time that Snow Lake will receive "pending" B corporation status, that Snow Lake will be able to apply for full B Corporation status within the time frame referenced above or that Snow Lake will be successful in achieving B Corporation status.

These factors will give Snow Lake a competitive edge and first mover status in delivering a fully verifiable, environmentally friendly product to a rapid growth market that is consumer driven to demand a new level of transparency and responsibility.

Full details of the updated Snow Lake SEC filing:

https://www.sec.gov/Archives/edgar/data/0001769697/000121390021039589/ea145027-f1a2_snowlake.htm

Investments - Positioned for Further Growth

Practical Steps

Snow Lake have launched a PEA, which will include in depth metallurgy analysis, resource definition, engineering assessment and ore sorting optimization, among other studies, during the third calendar quarter of 2021. During the third or fourth quarter of 2021, Snow Lake plans to begin an additional drilling program to further expand the existing resource and a mag drone survey that will be partially financed by a grant from the Manitoba Government. In 2022, Snow Lake intends to initiate a PFS with additional drilling exploration programs on the TBL property to survey historic drilling holes from Sherritt Gordon's lithium discoveries more than 50 years ago, the records of which are intact. Snow Lake will begin the environmental studies process during late 2021, and sometime in 2022 Snow Lake will begin the permitting for the start of future mining operations. Snow Lake is confident that the company will confirm the historic mineralization assessments on the TBL property and be in a position to launch mining operations during 2023.

Thompson Brothers Lithium Project

The Property

The Thompson Brothers Lithium Project is located 20 km east of Snow Lake, Manitoba in a mining friendly jurisdiction that has seen continuous production of base metals and gold since 1949. HudBay currently operates the nearby Lalor mine and has milling and concentrating facilities in the Snow Lake district.

The Project Objectives

Snow Lake is currently working on two lithium enriched pegmatite dyke clusters on its property with recent efforts focused on the TB-1 deposit.

Future work will entail the completion of a Preliminary Economic Assessment followed by further definition and resource expansion drilling and technical evaluation.

Project Milestones

Snow Lake is confident that its strategic plan, once implemented, will demonstrate the robust mining potential of the Thompson Brothers Lithium project.



Thompson Brothers Lithium Project

Location, Location, Location



Large Secure Land Position

- Snow Lake has a dominant land position encompassing 5,596 hectares (56 km²).

Pro Mining Community

- HudBay operates the Lalor Mine and concentrator in the Snow Lake district.
- Recent investments in the district demonstrate high confidence in the potential for new mine discoveries.

Access

- Year round access to the Property may be gained by boat, barge, helicopter or winter ice/bush roads.

Existing Infrastructure

- Powerline traversing the property
- Airstrip located 5 km to the north.
- Highway access to within 11 km.
- Railway access 35 km to the south.

Investments - Positioned for Further Growth

The World's Most Efficient Helicopter (eVTOL)



The RX eTransporter is a 4-rotor helicopter and is the first of its kind for civilian and industrial use. With the ability to transport 6 passengers comfortably or 1,600 lbs of cargo, this new aircraft is changing the way we think about aviation.

This revolutionary new helicopter provides plenty of leg room and comfortable charter-jet type interiors, and the open-interior version is ideal for air taxi operations, mining and exploration, agriculture package delivery, search and rescue, personnel recovery, and MEDEVAC operations.

Current Need for System:

- Alaska needs a vehicle to access to remote areas without roads and at higher altitudes
- Current vehicles are expensive and have a high operational cost
- Alaska needs a multirole, heavy-lift vehicle with passenger transport, medical evacuation, and air crane capabilities

Transporter B System Benefits:

- High performance aircraft without inefficiencies of a tail rotor system
- Reliable, low-cost, and proven engines flown on Rotor X Helicopters
- Rotor X Aircraft engines can be serviced by a truck mechanic (No A&P mechanic needed), reducing the operational cost of the vehicle
- Multiple modular pod center sections for carrying personnel, cargo, air ambulance, or for providing aerial crane capabilities



Investments - Positioned for Further Growth

RX eTransporter Specs

- Max Air Speed: Over 160 mph TAS (10,000 ft)
- High Speed Cruise: 140 mph TAS (10,000 ft)
- Empty Weight: 6,400 lb. (including batteries)
- Max Takeoff Weight: 8,000 lb.
- Max Payload (passengers, or cargo): 1,600 lb.
- HOGE: Over 20,000 ft
- Range: Over 200 nm with 1,600 lbs. of payload.
- Ceiling: Over 25,000 feet
- Passengers: 1 Pilot, 5 Passengers (FAA Experimental Rated, 1-2 crew & 7 passengers when fully certified)
- Max endurance: Over 1.5 hours
- Max Range: Up to 200 nm



The RX eTransporter is perfect for...



**Personnel
Transport**



Shipping Cargo



**Agricultural/
Mining**



**MEDEVAC
Operations**



**Military
Operations**



THANK YOU

MORE INFO:

Email: info@novaminerals.com.au

Website: www.novaminerals.com.au