

PUSHING THE BOUNDARIES OF EXPLORATION OF PRECIOUS METALS IN NORTH AMERICA

OTC : CLLMF

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COLLECTIVE • METALS

INVESTOR PRESENTATION

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as "further" "suggests", "further evidence", "potentially", "possibly", "indicates" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might", or "will be taken", "occur" or "be achieved", or the negative of these words or comparable terminology. Forward looking statements rely on a number of assumptions which management believes to be reasonable, including assumptions regarding the Company's ability to obtaining necessary financing, personnel, equipment and permits to complete its proposed exploration plans, and to identify additional battery metals properties for exploration.

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The information and content of a scientific or technical nature of the Princeton Project and the Uptown Gold Project contained in this corporate presentation has been prepared by or under the supervision of Rick Walker, P. Geo., for the purposes of National Instrument 43-I0I.

The information and content of a scientific or technical nature of the Landings Lake Property and the Whitemud Lake Property contained in this corporate presentation has been prepared by or under the supervision of Garry Clark, P. Geo., for the purposes of National Instrument 43-IOI.

COMPANY OVERVIEW

Collective Metals is focused on the exploration and development of its three properties, the **Princeton Project** located in south-central British Columbia, where Collective Metals holds an option agreement to earn an undivided 70% interest of the 28,560 hectares project, the **Landings Lake Lithium Property** located in Ear Falls, Ontario, where it holds an option agreement to acquire 100% of the 3,147 hectares of land, the **Whitemud Lake Property** located in the Whitemud Lake Area of the Red Lake Mining Division in Northwestern Ontario.



LANDINGS LAKE LITHIUM PROPERTY

WHITEMUD LAKE PROPERTY

PRINCETON

PROJECT



INVESTMENT HIGHLIGHTS

Princeton Project consists of 29 mineral tenures totaling approximately 28,560 hectares copper-gold project located in "elephant country" approximately I0 km west of Copper Mountain Mining Corporation's Copper Mountain Mine

Landings Lake Lithium Property consists of 8 claims comprising of 3,147 hectares, with the property located 53 KM east of Ear Falls, Ontario with good highway and logging road access. The Whitemud Lake Property consists of **381 single cell mining claims** totaling **~7,775Ha**, located **41 KM** Northeast of Ear Falls, Ontario, making the property accessible by a series of logging roads, or via helicopter.

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Collective's properties are situated in regions that are **favorable for mining activities** and possess **pre-existing infrastructure** to facilitate **project advancement.** Collective Metals has diversified assets with a **copper-gold property** in British Columbia, and **two lithium properties** in Ontario. Management team has a **proven track record** with a wealth of knowledge and experience in the mining industry.

Source: https://www.investontario.ca/mining#by-the-numbers)



• METALS

FLAGSHIP PROJECT PRINCETON PROJECT HIGHLIGHTS

Located in **"elephant country"**, with a high chance to have significant potential for discovery of another Copper-Gold ± Silver porphyry deposit

Excellent infrastructure providing year-round access to the project

Approximately 10 km to the west of Copper Mountain Mine Collective Metals is now the second largest landholder in the area, consisting of 29 mineral tenures totaling approximately 28,560 ha (70,570 acres) in a welldocumented and prolific copper-gold porphyry belt.

Neighbouring peers **Kodiak Copper's MPD property** received a \$10.5 million investment by Teck Resources. In 2020 for their MPD property. **Copper Mountain** was recently acquired by **Hudbay Minerals**, for **CDN \$439 million** creating the **3rd largest Copper producer** in Canada.



COPPER MARKET

COPPER MARKET

Electric vehicles need twice as much copper as internal combustion engines

GLOBAL COPPER MARKET BY REGION



Volume of global copper in electric vehicles



2,450,590

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metric tons expected by 2023

Over the past decade, the **total global copper reserves** have increased from **630 million metric tons** in 2010 to **880 million metric tons** as of 2021. Meanwhile, the **total global copper production** from mines amounted to an estimated **21 million metric tons** in 2021

global copper market was valued at

USD in 2021

expected to grow to 44677 USD by 2030

urces:

https://www.acumenresearchandconsulting.com/copper-market https://www.vantagemarketresearch.com/industry-report/copper-in-electric-vehicles-market-1776 https://www.statista.com/topics/1409/copper/ftupic/Overview https://www.databridgemarketresearch.com/reports/global-copper-market

LITHIUM MARKET



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https://www.forbes.com/sites/davidblackmon/2022/05/02/skyrocketing-lithium-prices-highlight-need-for-new-technologies/?sh=4dlcflldb273 https://www.globalxetfs.com/lithium-market-update-elevated-prices-are-creating-favorable-dynamics-for-miners/

LITHIUM MARKET

LITHIUM SUPPLY IS LIKELY TO LAG LITHIUM DEMAND THROUGH THE FIRST HALF OF THE DECADE.

up from about



In the short term, notable lithium mining capacity is set to come online in late 2023 and early 2024

Sources

These new projects could cut into the deficit in 2023, but surging EV sales are expected to result in sizeable shortages again in 2024 and 2025.

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EVs could account for about

in 2021

of total lithium demand by 2030

o from about

LITHIUM DEMAND BY APPLICATION (MILLIONS OF METRIC TONS PER ANNUM

OF LITHIUM CARBONATE EQUIVALENT) Sources: Global X ETFs with information derived from: Norris, E. (2022, June 27). Building a domestic EV ecosystem: Fastmarkets lithium supply and battery raw materials 2022. Albemarle.





BATTERY MARKET

ELECTRIC VEHICLE MARKET

• METALS

Lithium is one of the **key components** in EV batteries, but global supplies are under strain because of **rising EV demand**

EVs: annual passenger-car and light-duty vehicle sales in major regions

China BEV ■ China PHEV ■ Europe BEV ■ Europe PHEV ■ US BEV ■ US PHEV ■ Other BEV
 Other PHEV − EV share



Source: Deloitte analysis, IHS Markit, EV-volumes.com²

Deloitte Insights | deloitte.com/insights







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Sources: https://www.woodmac.com/our-expertisel/capabilities/electric-vehicles/2040-forecast/



ELECTRIC VEHICLE MARKET

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CANADA x VOLKSWAGEN BATTERY PLANT DEAL

Volkswagen announces plans to build a **major plant** for **electric vehicle batteries** in St. Thomas, Ontario, Canada



This will be Volkswagen's **first overseas gigafactory** and production is planned for 2027

The new battery plant could result in adding as many as **2,500 direct jobs** and up to **7,500 total indirect jobs**

Canada will contribute to Volkswagen's battery supply chains through **raw materials** and assembly



PRINCETON PROJECT

• METALS

PRINCETON PROJECT

OVERVIEW

The project is located within a well established, well mineralized belt, within well documented "elephant country" suggesting that the project is interpreted to have significant potential for discovery of another Copper-Gold ± Silver porphyry deposit

Ce Althan

Regionally, the project lies within a very well documented, **well established porphyry belt** extending north from Copper Mountain, through the Iron Mask Batholith, Woodjam, Gibraltar, Mount Polley, Mt. Milligan and the Kemess North/ South deposits to the Loraine deposit.

29 mineral tenures

28,560 hectares

comprising of

PRINCETON PROJECT The Project is located in a **low-risk jurisdiction**, having high standards for environmental stewardship and community engagement.

The predominant feature of interest is a **large**, **high intensity magnetic anomaly** comparable to the magnetic anomaly associated with the **Copper Mountain Mine** area, located approximately I0 km east

PRINCETON PROJECT

The project is located in south-central BC, west and southwest of Princeton, east of Hope, and approximately 400 km east of Vancouver.



Numerous logging roads throughout the project provide an excellent infrastructure with which to undertake continued exploration and evaluation of the project, year round.

The project is almost completely surrounded by competitor's properties, located approximately 5 km west of Sego Resources' Miner Mountain Property, I2 km south-southwest of Kodiak Copper's MPD Project, 25 km south-southeast of Westhaven Resources' Shovelnose Project and immediately east of the Whipsaw Porphyry. The core of the project is located approximately I0 km west of Copper Mountain Mining Corporation's Copper Mountain Mine



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PRINCETON PROJECT

Legend

Trojan

Condo

Corrido

Forestry Roads Collective Metals

Whipsaw Property



Exploration and evaluation of the area covered by the current Princeton Project by previous operators include several extensive exploration programs including an airborne geophysical survey, consisting of acquisition of electromagnetic, magnetic and radiometric data over 1,533 line kilometres and covering the majority of the current project. The survey was interpreted to have detected numerous anomalous features supporting alkalic porphyrystyle mineralization. Extensive geochemical rock, soil and stream sediment surveys have also been completed, returning anomalous results supporting interpretation of underlying mineralized systems in many separate and distinct areas within the project.



Extensive geological mapping, with limited sampling, by the BC Geological Survey Branch Regional silt sampling An airborne geophysical (gravity) survey

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Kilometers

0 51 2 3 /

Lamont Ridge

- Wilmac

Fourteen

Fifteen Mile

Creeks

PRINCETON PROJECT COPPER MOUNTAIN MINE

• METALS

Copper Mountain Mine has entered into a definitive agreement with Hudbay Minerals, where Hudbay Minerals will acquire all of the issued and outstanding common shares of Copper Mountain Mining, which indicates that there is there could be significant copper-gold deposit on the Princeton Project.

Creates I50,000-tonnes-per-year copper producer with long-life mines and a world-class pipeline of organic copper growth projects



APPROXIMATELY IOKM FROM PRINCETON PROJECT

The Copper Mountain Mine is located roughly 20 km south of Princeton, BC and has a 45,000 per day plant

A new life of mine plan to expand the mill to 65,000 tonnes per day, further increases average annual production to I38 million pounds of copper equivalent and reduces all-in costs to US\$I.76 per pound of copper over the first 20 years of a 32 year mine life



PRINCETON PROJECT

ADJACENT PROPERTIES

KODIAK COPPER'S MPD PROPERTY

- Located approximately 30 km to the Northeast
 of the Princeton Project
- Secured a \$10.5 million investment from Teck Resources in September, 2020
- Historic drilling: 393 drill holes (50,357 m) completed since the 60's by previous operators. Copper and gold drill-confirmed across a large area. Mineralization from surface, historic drill holes rarely tested below 200m vertical depth
- Best intercept of 535m of 0.49% copper and 0.29 g/t gold (0.76% CuEq**), including 282 m of 0.70% copper and 0.49 g/t gold (I.16% CuEq**), including 45.7 m of I.41% copper and I.46 g/t gold (2.75% CuEq**)



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SAGO RESOURCES MINER MOUNTAIN

- Historical Drilling: Sego optioned property in 2007 and discovered & drilled the Cuba zone to include;
- •0.95% Cu & 0.55 g/t Au/l00 m: DDH 2l
- •0.41% Cu & 0.12 g/t Au/52.5 m: DDH 04
- SEGO Resources intersects 0.95 g/t Gold over 80 m from the first drill hole (DDH 59) of their 2022 drill program in the Southern Gold Zone (June, 2022)
- SEGO RESOURCES INTERSECTS 74.5 m of 0.79 g/t GOLD and 80.5 m of 0.69 g/t GOLD INCLUDING I7.9 M OF I.27 g/t and 0.11% COPPER TO EXPAND THE SOUTHERN GOLD ZONE AT MINER MOUNTAIN PROJECT (January, 2022)



LANDINGS LAKE PROPERTY

LANDINGS LAKE PROPERTY

LANDINGS LAKE PROPERTY

154 cells totaling8 claims compromising of3,146 hectares

A muscovite-bearing granite, is host to the Property, an S-type peraluminous fertile parental granite according to Breaks et al., 2003.

OVERVIEW

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The granitic body is in contact with metasediments which make excellent hosts to fractionating fertile parental granitic melts.

The Property occurs within I7 km of a subprovince terrane boundary, an integral relationship between lithium deposits and structure (Breaks et al., 2003).

ARCTIC

Mapping by the OGS in 1959 noted numerous grey pegmatite occurrences in muscovite-bearing granites during lakeshore mapping in the eastern portion of the English River Subprovince. A southwesterly regional fault transects the Property making an excellent conduit for fractionating granitic melts.





LANDINGS LAKE PROPERTY PREVIOUS WORK AND ADJACENT PROPERTIES

ames Bay

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The **Landings Lake Lithium Property** has been underexplored. Mapping by the OGS in 1959 noted **numerous grey pegmatite occurrences** in muscovitebearing granites during lakeshore mapping in the eastern portion of the English River Subprovince. There has yet to be any work done on the economic potential of the pegmatites present.

Green Technology Metals (ASX: GTI) announced coarse spodumene concentrate produced at Seymour with lithium recovery exceeding 72% and hosts 9.9Mt grading I.044% Li₂O and I37ppm Ta₂O₅

GTI also announced **high-grade assay results** from extensive drilling from their Root Lake-McCombe Lithium deposit.

RL-22-004I: I5.9m @ I.I2% Li₂O from 98.Im RL-22-0027: I2.3m @ I.34% Li₂O from 3.4m RL-22-0035: I2.7m @ I.28% Li₂O from 66.5m RL-22-0038: 8.4m @ I.I8% Li₂O from 8I.5m.



Neighbouring, Frontier Lithium's (TSXV: FL) 'Electric Avenue SPARK deposit announced I8.8 million tonnes averaging I.52% Li₂O in the Indicated category and 29.7 million tonnes averaging I.34% Li₂O in the Inferred category. Frontier Lithium's PAK Lithium Project encompasses 26,774 hectares along 65 km of Ontario's Electric Avenue with four spodumene-bearing pegmatites.

Avalon Advanced Materials's (TSX: AVL) Separation Rapids property consists of I9 mineral claims and one mining lease covering a combined area of approximately 4,414 hectares with resources of 9.4Mt grading I.35% Li₂O.

The Georgia Lake pegmatite field with resources of I6+Mt grading I.I5% Li₂O is owned by Imagine Lithium and Ultra Lithium.



Hibbing

Demigh

LANDINGS LAKE PROPERTY

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The Landings Lake Lithium property is located in northwestern Ontario where numerous lithium **deposits** have been delineated to host significant reserves of Li₀.





Of significance is that the Li-deposits/projects of northwestern Ontario are located within 20km of a terrane boundary.

These terrane boundaries are deep seated sutures that divide accreted Archean terranes and act as conduits for fertile peraluminous granites.

The Property lies **I7 km north** of the English River-Winnipeg River Terrane boundary.



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LANDINGS LAKE PROPERTY

A sharp southwesterly break in the total magnetic intensity suggests a prominent fault through the region providing excellent conduits for fractionating granitic melts.



GEOLOGY

There is overwhelming evidence that the English River Subprovince is host to lithium, based on lake sediment sampling by the OGS, yet it is vastly unexplored for LCT-pegmatites.

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• M E T A L S

WHITENUD LAKE PROPERTY

WHITEMUD LAKE PROPERTY

WHITEMUD LAKE PROPERTY

381 single cell mining claims totaling~7,775 hectares

The English River sub-province consists mainly of turbiditic metasedimentary rocks, deposited during the final stages of magmatic and tectonic accretion within the Uchi Subprovince to the north at around ca. 2720 to 2710 Ma. The sedimentary rocks were intruded by a suite of calc-alkalic plutons at 2698 Ma. Major regional deformation, amphibolite to granulite facies metamorphism, anatexis, and emplacement of an extensive peraluminous granitic suite culminated at 2691 Ma. Late episodes of metamorphism, metasomatism, and emplacement of pegmatites occurred locally at ca. 2680 and 2669 Ma (Corfu, F.1995).

ARCTIC

OVERVIEW

COLLECTIVE

• METALS





WHITEMUD LAKE PROPERTY PREVIOUS WORK AND ADJACENT PROPERTIES

The **Whitemud Lake Property** has been underexplored. Government mapping in the northwestern part of Whitemud Lake Area township identified several outcrops of pegmatite in the proximity of Whitemud Lake (Fenwick, 1966).

Grand

Government lake sediment surveys covered the Property in summer of 2000. The anomalous suite of elements returned from the survey on the Property suggest **possible granitic pegmatite source rocks** (OGS 2002).

The sample sites in the project area returned some of the **highest values** obtained for **Cs**, **Nb**, **Li**, **Sn**, **Be**, **Hg**, **and Ti**. There were also numerous other sites in the area which also returned elevated to anomalous values of Cs which are covered by the Property.

Spark and PAK Lithium Deposit Sachigo Terrane Berens River Terrane Seymour Lake Li-Project Root Lake-McCombe Li-Deposit Uchi Terrane nglish River Terrane East Wabige Separation Rapids Li Deposit 1 Terrane Mavis Li-pegmatite field Georgia Lake Li-peqmatite field Grand Sudbury West Nip Houghton

The term "elevated" indicated analytical results above the **90th percentile**, "anomalous" for results above the **95th percentile** and **"highly anomalous"** for results above the **98th percentile**.

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• M E T A L S



WHITEMUD LAKE PROPERTY

The **Whitemud Lake Property** is in the English River Subprovince and is ~8km south of the subprovince boundary with the Uchi sub-province.





GEOLOGY

These terrain boundaries are deep seated structures that divide accreted Archean terranes and can act as conduits for fertile peraluminous granites.

The Property is underlain by tonalities to granodioritic rocks of the Bluffy Lake batholith in contact with metasedimentary rocks in the north-northeast which have been metamorphosed to the lower amphibolite/upper greenschist facies.

The Property lies I7 km north of the English River-Winnipeg River Terrane boundary.



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MANAGEMENTTEAM

CHRISTOPHER HUGGINS

CEO AND DIRECTOR

Mr. Huggins, B.Sc. Honours Geology has over 25 years experience working with mining, technology, and capital equipment companies in management, business development and operational roles. His early career began working as a regional exploration geologist for Homestake around the Eskay Creek, Snip Mine, Stewart and Dease Lake Camps. Over the past decade, Mr. Huggins developed and delivered innovative capital equipment and financial solutions for surface and underground mining operations across NWT and Yukon, managed Global and National Caterpillar accounts while at Finning, and was formerly the President and COO of Crest Resources Inc. He is currently an independent director for Exploits Discovery Corp.

AMANUEL BEIN DIRECTOR AND P.GEO

Mr. Bein has I7 years of experience in the exploration and mining industry where he has gained world-class knowledge and expertise in several mineral deposit types that include LCT pegmatite, VMS, SEDEX, porphyry-skarn, and orogenic-gold.

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Mr. Bein worked for Hudbay Minerals for more than ten years and was able to experience the full mining cycle, including the discovery of the 1901 deposit and closure of the Reed mine. At Hudbay Minerals, Mr. Bein led several regional and near-mine exploration programs in Manitoba, Saskatchewan and Arizona. Mr. Bein also recently led an exploration team for Rock Tech Lithium that executed extensive exploration drilling and field exploration programs that enabled growth of mineral resources and discovery of several spodumene pegmatite prospects at Rock Tech's Georgia Lake project.

NAVIN SANDHU

CFO

Mr. Sandhu has years of accounting, auditing and advisory experience through servicing a wide variety of clients. Mr. Sandhu is President and founder of Nava Financial Inc., a public practice accounting firm that specializes in providing CFO and controller services to Canadian publicly listed companies. Previously, Mr. Sandhu was an Audit Manager at DMCL LLP, a Vancouver based public practice firm, where we worked with numerous public and private companies in the junior mining, cannabis, technology, and life science space.

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• M F T A L S

MILOS MASNIKOSA DIRECTOR

Graduated from the Richard Ivey School of Business. Financial Consultant formerly from corporate finance at Walmart Canada. Consulted for startups in the FinTech, and Cloud Computing space. Versed in Small Cap finance for several publicly traded mining companies.

PAUL CHUNG DIRECTOR

Mr. Paul Chung holds a Bachelor of Science Degree in Geology from the University of British Columbia and received a Master of Business Administration from Athabasca University. Mr. Chung is a co-founder of Altaley Mining Corporation, which owns two operating poly-metallic mines in Mexico. Mr. Chung was also on the team that discovered the Mariana lithium project located at Salar de Llullaillaco in Argentina, which is expected to produce 10,000 tonnes of lithium carbonate equivalent per year, for 25 years. Mr. Chung is a former director of Patriot Battery Metals Inc., one of the most significant lithium discoveries in North America.

CAPITAL STRUCTURE

METALS

SHARE STRUCTURE

Total Issued and Outstanding 35,387,015

Restricted Shares

Total Fully Diluted I/O

6,883,381

42,270,396

THANK YOU

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