



# CANADA SILVER COBALT

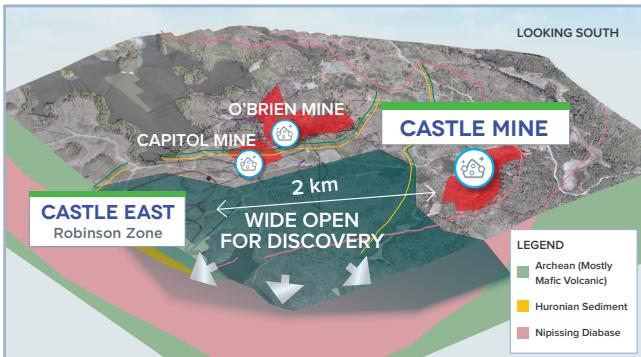
## SILVER AND GOLD



» 89,853 g/t Silver (2,621 oz/ton) at Castle East



## TWO POTENTIAL SILVER-COBALT MINES With Permitted Milling Facility



- » **Castle East – Major Discovery** with the highest silver grades in the world. Ramp planned to extract the rich silver veins and also drill underground to expand the deposit. Initial resource of **7.5 million oz silver with an average grade of 8,582 g/t Ag (250.2 oz/ton)**.
- » **Castle Mine – Former silver mine** with cobalt by-product. Underground access and potential to resume mining. Past production **9.5 million oz silver and 300,000 lbs cobalt**. Average ore grade of **25 oz/ton silver**.
- » **TTL Mini-Mil – Fully permitted** bulk processing facility which can process high-grade material into silver dore bars. Past production **more than 2 million oz silver/year** during the 1980s.
- » **Eby-Otto Gold Property – Early stage exploration** property with several outcropping gold veins near the high-grade Macassa Gold Mine and Kirkland Lake.

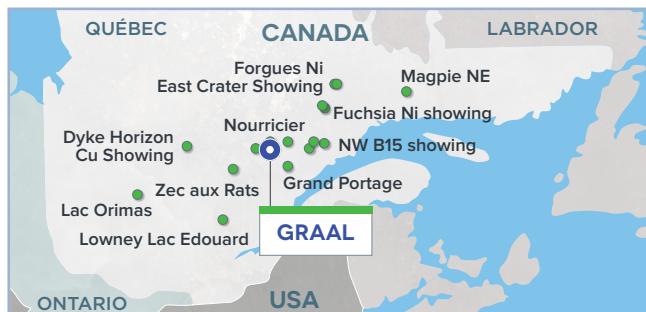
# HIGH-GRADE PRECIOUS & BATTERY METALS in Northern Ontario and Québec

February 2023

## BATTERY METALS



» Massive sulphides up to 2.08% Ni and 3.75% Cu at Graal



## CRITICAL BATTERY METALS with Advanced Processing Technology

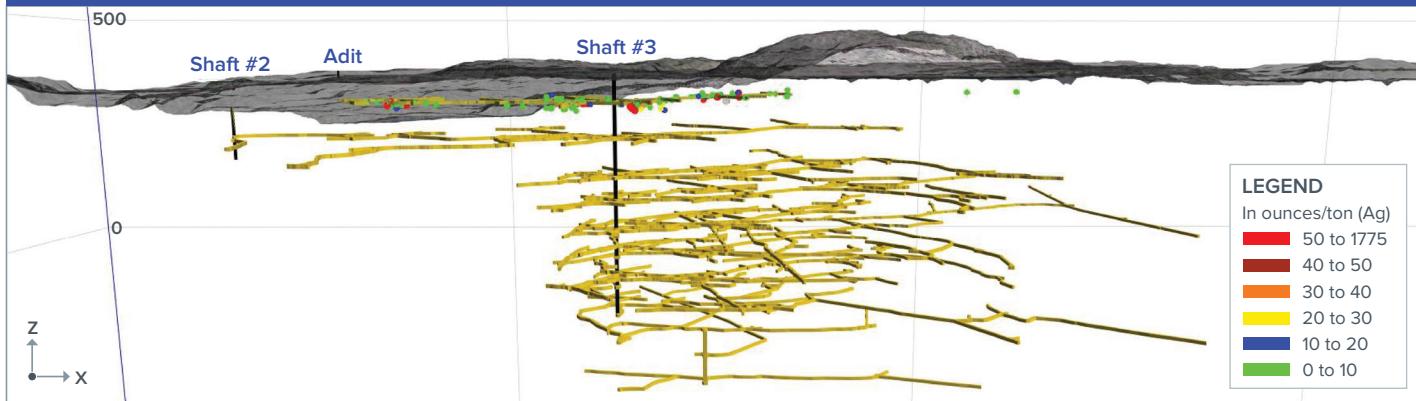
- » **Graal – Massive sulphides discovery** in Northern Québec with high-grade nickel and copper and also cobalt, platinum and palladium. Initial **drill grades up to 2.08% nickel and 3.75% copper**.
- » **Exploration Prospects – 14 other very prospective** battery metals properties (13 in Québec and 1 in Ontario).
- » **Lithium – Promising** St. Denis property in Ontario.
- » **Re-2Ox – ESG-compliant**, low-carbon hydrometallurgical process to produce cobalt and nickel sulphate for EV battery manufacturers and to extract other critical metals including arsenic, bismuth and antimony. Potential also to process black mass from recycled batteries. **Zero discharge, no smelting or burning involved**.
- » **Coniagas – Subsidiary company** to hold battery metals properties in preparation for spinout.

## Cobalt Sulphate Produced in Lab Tests





## Cross-section showing 11 levels totaling 18 km of underground workings at Castle Mine with access to Level 1 via an adit



## ACCESS TO UNDERGROUND A Major Advantage

- » Canada Silver Cobalt Works has access to the underground workings at the Castle Mine through an adit used in the past to extract ore
- » This provides easy access to sample and drill from underground and start mining sooner than others

## PROVEN METALLURGY – Re-2Ox Process

- » Management has expertise in cobalt-silver metallurgy, having developed a hydrometallurgical process for extracting cobalt and silver and producing a cobalt commercial product when working in the Cobalt Camp in the 1980s
- » The company is currently conducting lab tests with its proprietary Re-2Ox process and is in the process of designing and constructing a Re-2Ox pilot plant.
- » The process has been used to produce a cobalt sulphate that meets the electric battery grade specifications provided by potential Asian customers and has also shown that it has the potential to be used to extract nickel, copper and other metals from mining ores and spent batteries.

## Contact Information

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## NEXT STEPS

- » Continue permitting and other work at the exceptional Castle East high-grade silver/gold/cobalt deposit towards the construction of a ramp to extract the high-grade material for processing at the TTL facility and proceed with underground exploration drilling aimed at expanding the size of the deposit.
- » Resume exploration and development work at the past-producing Castle Mine to extract bulk samples.
- » Exploration work at the very prospective Eby-Otto gold property near Kirkland Lake and the promising St. Denis lithium property near Cochrane, Ontario
- » Further exploration at Graal and other nickel-copper-cobalt properties in Northern Québec and Ontario.
- » Advance the Re-2Ox process via testing and pilot plant design and construction.



Cobalt rosettes in a quartz-carbonate vein at the Beaver Mine where high-grade mineralization was again confirmed – selected hand-cubed material at surface averaged 4.68% cobalt, 46.9 g/t silver, 3.09% nickel and 0.08 g/t gold

**Cautionary note:** This document includes certain “forward-looking” statements within the meaning of Canadian securities legislation and the United States Private Securities Litigation Reform Act of 1995. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Canada Silver Cobalt Works Inc. does not undertake to update any forward-looking statement that is included herein, except in accordance with applicable securities laws. For details regarding forward-looking statements and a cautionary note to US investors, see the Company’s corporate presentation and its recent MD&A at [www.canadasilverbcobaltworks.com](http://www.canadasilverbcobaltworks.com).

The contents of this document have been reviewed and approved by Frank Basa, P. Eng., Chairman and CEO of Canada Silver Cobalt Works Inc., a qualified person in accordance with National Instrument 43-101.