



**CANADA  
SILVER  
COBALT**

Silver, Gold  
Lithium  
Nickel, Copper, Cobalt

CORPORATE PRESENTATION  
February 27, 2023

## Silver, Gold, and Battery Metals in Northern Ontario and Quebec





# FORWARD-LOOKING STATEMENTS



## DISCLAIMER

Neither the TSX Venture Exchange nor its Regulation Service Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this material. This presentation may contain forward-looking statements including but not limited to comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, etc. Forward-looking statements address future events and conditions and therefore, involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements. The Company does not undertake to update any forward-looking information in this presentation or other communications unless required by law.

## QUALIFIED PERSON

The technical information in this corporate presentation was prepared under the supervision of Canada Silver Cobalt Works Inc.'s President and Chief Operating Officer Matt Halliday, P. Geo., who is a Qualified Person in accordance with National Instrument 43-101.



## Gold and Silver

- **Castle Mine:** Past-producing Silver-Cobalt mine in Ontario's Cobalt camp
- **Castle East:** Silver-cobalt and most recently gold exploration in the Cobalt Camp
- **Eby-Otto:** Gold exploration near Kirkland Lake, ON
- Other silver-cobalt properties include past-producing Beaver & Violet mines in the Cobalt Camp

## Processing / Development

- TTL mill & assay lab in Cobalt, Ontario
- Re-2Ox hydrometallurgical process
- Hub and spoke system in Cobalt Camp
- Geological Services

## Nickel, Copper, & Cobalt



- **Graal:** Ni-Cu-Co exploration in northern Quebec:  
**Planned spin out to Coniagas Battery Metals**
- **Lac Edouard:** Ni-Cu exploration in central Quebec
- **Henry Lake:** Ni-Cu-PGE exploration near Sudbury, Ontario
- **Forgues:** Ni-Cu exploration near Manicouagan, Quebec
- **Fuchsia:** Ni-Cu-Co exploration near Manicouagan, Quebec
- Other various Ni-Cu-Co-REE exploration properties include Boudrias, LPM, B30 Shear, Zec Aux Rats, NWB15, Dyke Horizon, Grand Portage, 22P07, 32H01, and Lac Ormias

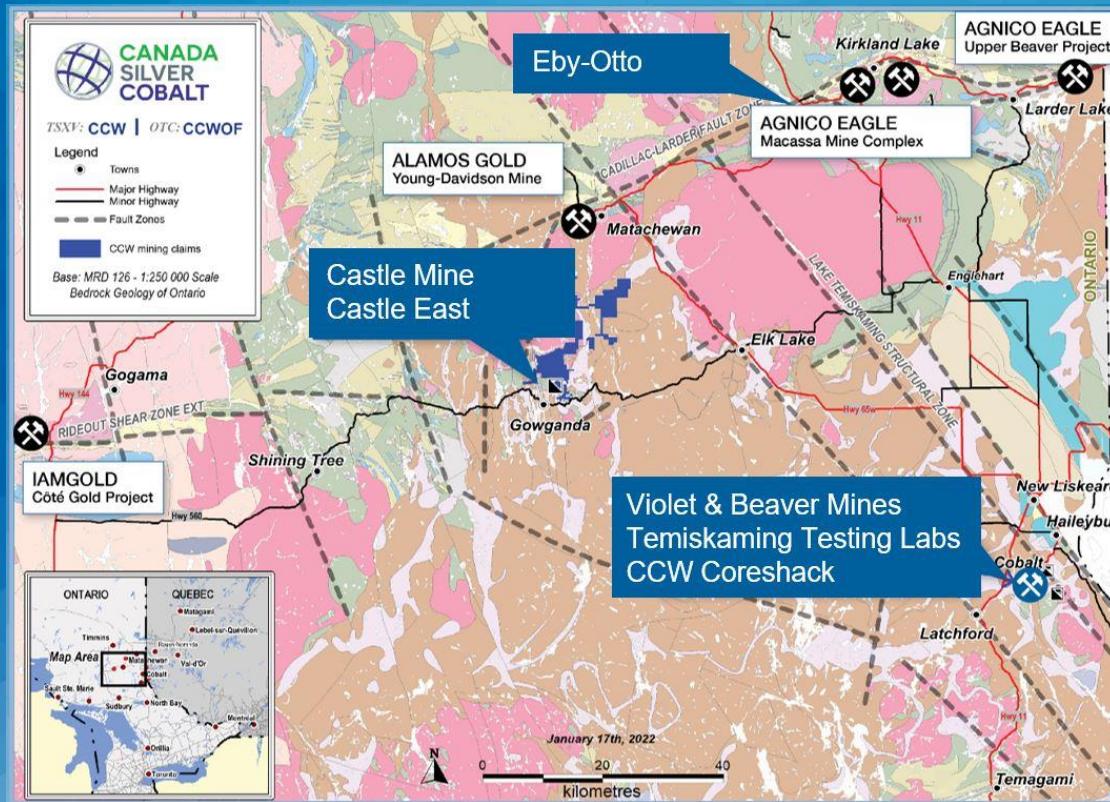
## Lithium (LCT)

- **St. Denis:** LCT Pegmatite exploration near Cochrane, Ontario adjacent to Power Metals Case Lake Project



# LOCATED IN THE ABITIBI GREENSTONE BELT

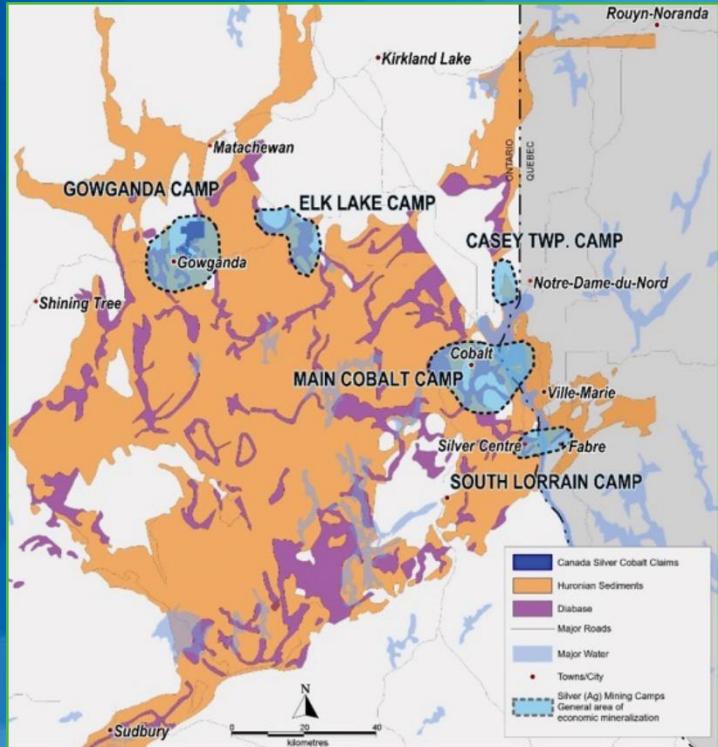
## Geological Powerhouse





# COBALT CAMP IN NORTHERN ONTARIO

## Where It All Began



Birthplace of Canadian  
**HARD ROCK MINING**

Global Top-Tier Grades  
**SILVER AND COBALT**

Historical Production  
**>500 MILLION OZ SILVER**  
**>30 MILLION LBS COBALT**



# Castle East: Silver and Cobalt Mine and Exploration Property



Castle Mine produced 9.5 million oz silver with 300,000 lbs cobalt as by-product in the 1900s and is the only permitted underground asset in the Northern Ontario Silver-Cobalt Camp

**78 KM<sup>2</sup>**

Total Claim Zone

## PREVIOUSLY-PRODUCING MINE

Located NE of Town of Gowganda  
in the middle of Gowganda  
silver-cobalt camp

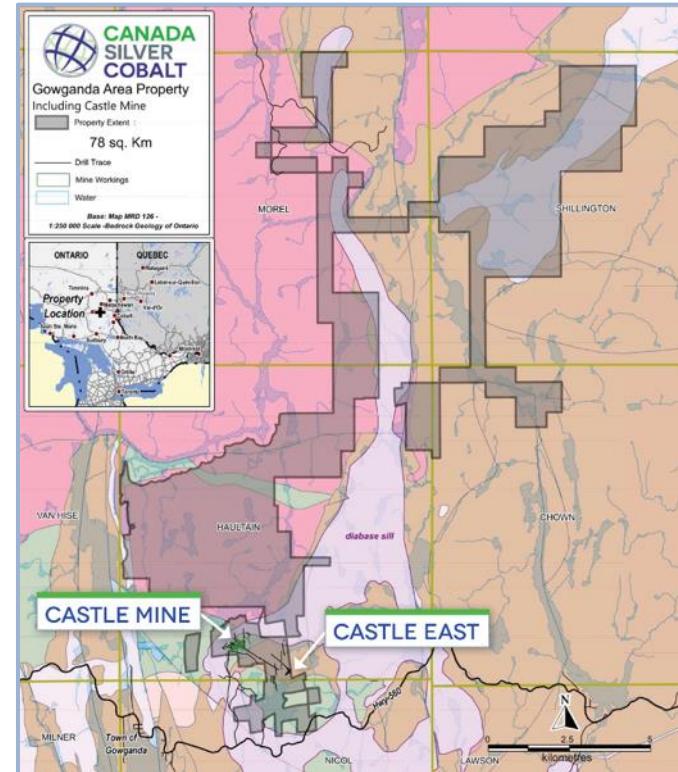
**EXCELLENT  
INFRASTRUCTURE**

Includes all 3 former  
**EXISTING MINE SHAFTS**

Castle Mine Shafts #1, #2 and #3 and  
the adit (near #2 and #3)

**FIRST NATIONS**  
agreements in place

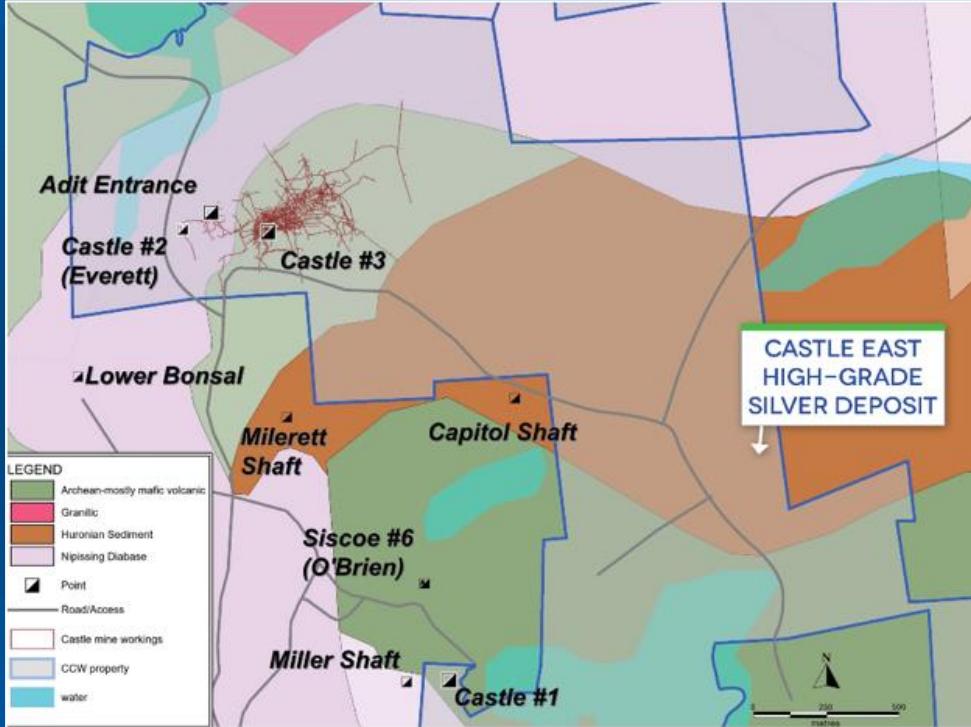
Strong  
**EXPLORATION POTENTIAL**  
extends 17 km northeast





# HIGH GRADE SILVER DISCOVERY AT CASTLE EAST

New Discovery East of Historic Mines



## Drill Highlights include:

- **40,944 g/t Ag (1,317 oz/tonne Ag)** and 0.91% Co over 0.45m in discovery hole CA1108
  - Gold Equivalent<sup>1</sup>: **19.58 oz/tonne AuEq**
- **50,583 g/t Ag (1,626 oz/tonne Ag)** and 0.30% Co over 0.60m in CS-19-08W1
  - Gold Equivalent<sup>1</sup>: **24.19 oz/tonne AuEq**
- **70,380 g/t Ag (2,263 oz/tonne Ag)** and 2.61% Co over 0.30m in CS-19-08W2
  - Gold Equivalent<sup>1</sup>: **33.65 oz/tonne AuEq**

(1) AuEq calculated based on US\$27.625/oz Ag and US\$1,857.80/oz Au. Intervals are core length.



# FIRST EVER 43-101 SILVER RESOURCE IN COBALT CAMP



Average Silver Grade: 8,582 g/t (250 Ag oz/ton)

Total: 7.5 m oz Inferred Resource

## MINERAL RESOURCE ESTIMATE AT CASTLE EAST AS OF MAY 2020<sup>1</sup>

Inferred Mineral Resources <sup>1</sup>	Tonnes	Grade						
		Ag g/t	Co g/t	Cu g/t	Ni g/t	AgEq g/t	Ag oz	AgEq oz
ZONE 1A	8,100	7,960	946	349	790	8,042	2,073,000	2,094,200
ZONE 1B	19,300	8,843	2,308	325	336	8,998	5,487,200	5,583,200
ZONE 2A	5,500	38	5,673	2,101	453	426	6,800	75,300
<b>TOTAL INFERRED MINERAL RESOURCES</b>	<b>32,900</b>	<b>7,149</b>	<b>2,537</b>	<b>628</b>	<b>467</b>	<b>7,325</b>	<b>7,567,000</b>	<b>7,752,700</b>

(1) Independently prepared by GoldMinds Geoservices Inc. in accordance with National Instrument 43-101 using a cut-off grade of 258 AgEq g/t. See company news release May 28, 2020.

Note: Update planned based on 60,000 metres drilled and new high-grade veins discovered since May 2020.

TSX-V CCW | OTCQB CCWOF | FRANKFURT 4T9B



# MULTIPLE HIGH-GRADE STRUCTURES DISCOVERED

## With further drilling in 2020-2022



CS-20-39 (High Grade Silver)

### Drill Highlights Include:

- **89,853 g/t Ag (2,889 oz/tonne Ag)** and 1.56% Co over 0.30 m in CS-20-39
  - Gold Equivalent<sup>1</sup>: **42.96 oz/tonne AuEq**
- **53,739 g/t Ag (1,728 oz/tonne Ag)** and 2.22% Co over 0.48 m in CS-20-39W4
  - Gold Equivalent<sup>1</sup>: **25.69 oz/tonne AuEq**
- **30,416 g/t Ag (978 oz/tonne Ag)** over 0.42 m in CS-21-61
- **7,328 g/t Ag (235 oz/tonne Ag)** over 0.38 m in CS-21-65
- **4,710 g/t Ag (151 oz/tonne Ag)** from 64.99 to 65.52m in CS-22-115
  - Closest High-Grade silver vein to surface



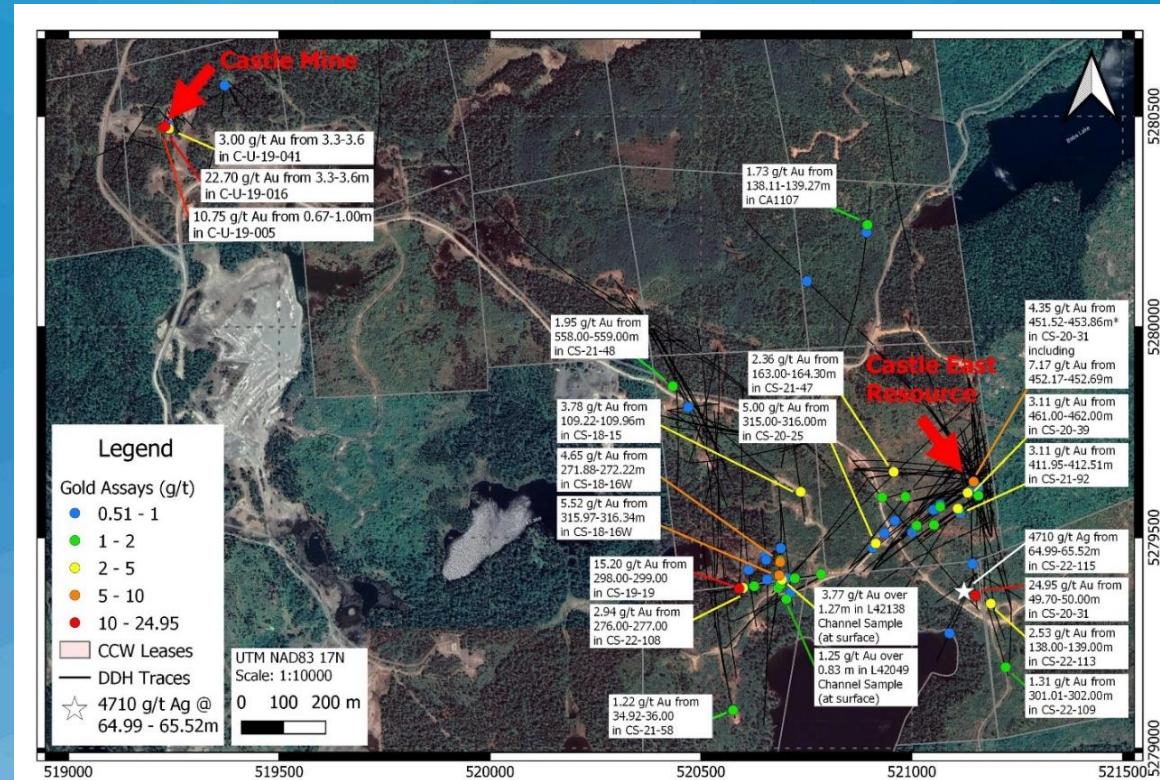
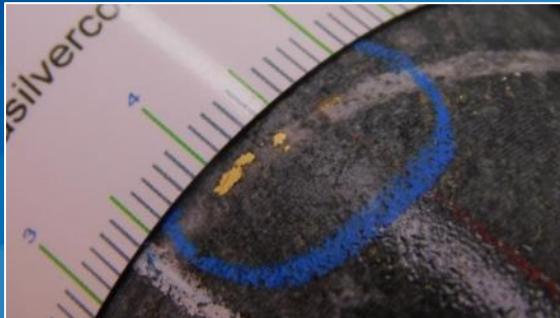
Hand Lens Photo

(1) AuEq calculated based on US\$27.625/oz Ag and US\$1,857.80/oz Au. Intervals are core length.

# CASTLE MINE AND CASTLE EAST Gold Mineralization

## Near-surface mineralization improves economics

- At-surface** channel samples such as **3.77 g/t Au over 1.27m**, 1.16 g/t gold over 0.78m, and 1.25 g/t gold over 0.81m
- Near-surface** drill intercepts up to **24.95 g/t Au over 0.30m** from 49.70-50.00m in CS-20-31 with VG visible (photo below)

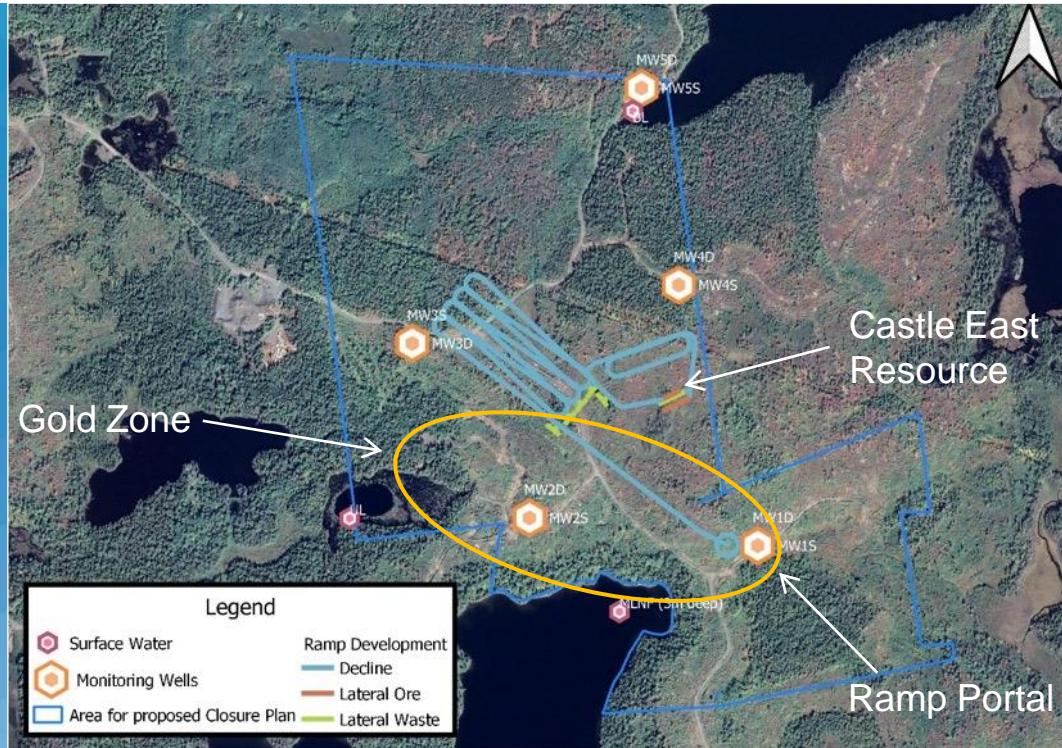




# CASTLE EAST Proposed Ramp Overview



- Conceptual schematic diagram of proposed ramp
- Includes location of water monitoring wells required for permitting
- Existing near surface silver and at-surface gold mineralization should improve development economics of the ramp
- Future drilling and field work may further improve design



# Eby-Otto Property - Highly Prospective Gold Property

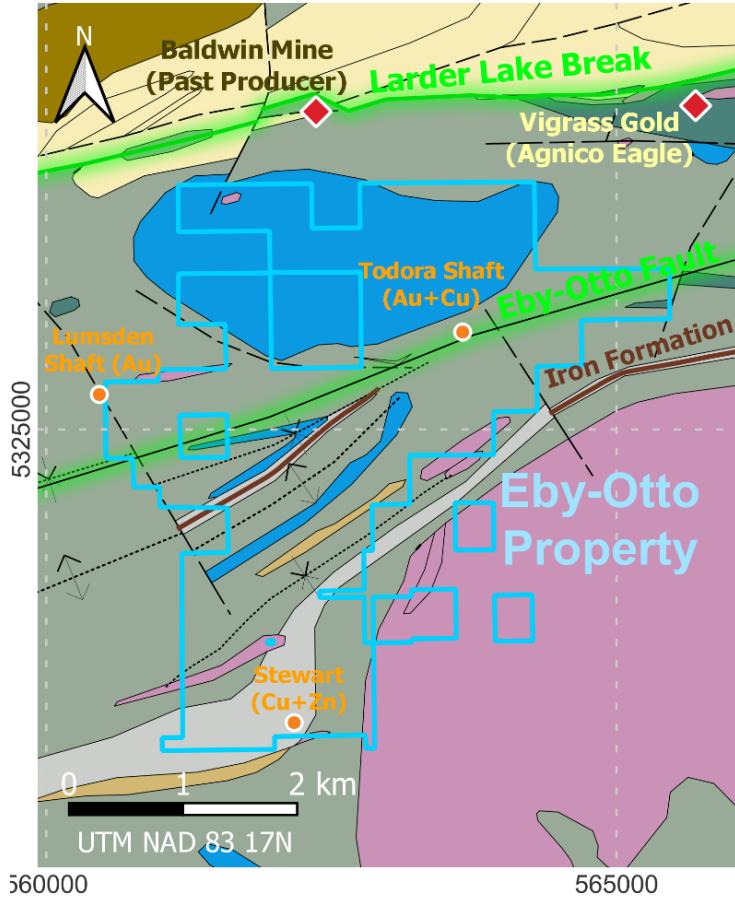
**5 km from Agnico Eagle's High-Grade Macassa Mine**

- Property is 1,190 Ha comprised of 79 claims, 8 leases, and 3 option agreements
- Has excellent access and is located 15 minutes to Kirkland Lake next to Highway 11 & Highway 66
- Has permits in place for drilling, stripping, geophysics, line cutting
- Located in the Cadillac-Larder-Lake Break hanging wall and the property is transected by the Eby-Otto Fault – a splay off the Larder-Lake Break
- Historic occurrences on property such as the Todora Shaft (Au + Cu) and Fishkin-Stewart (Cu + Zn)
- Gold-bearing quartz veins exposed in stripping at north end of property





# Eby-Otto Located in Prime Geological Area



## WORK COMPLETED

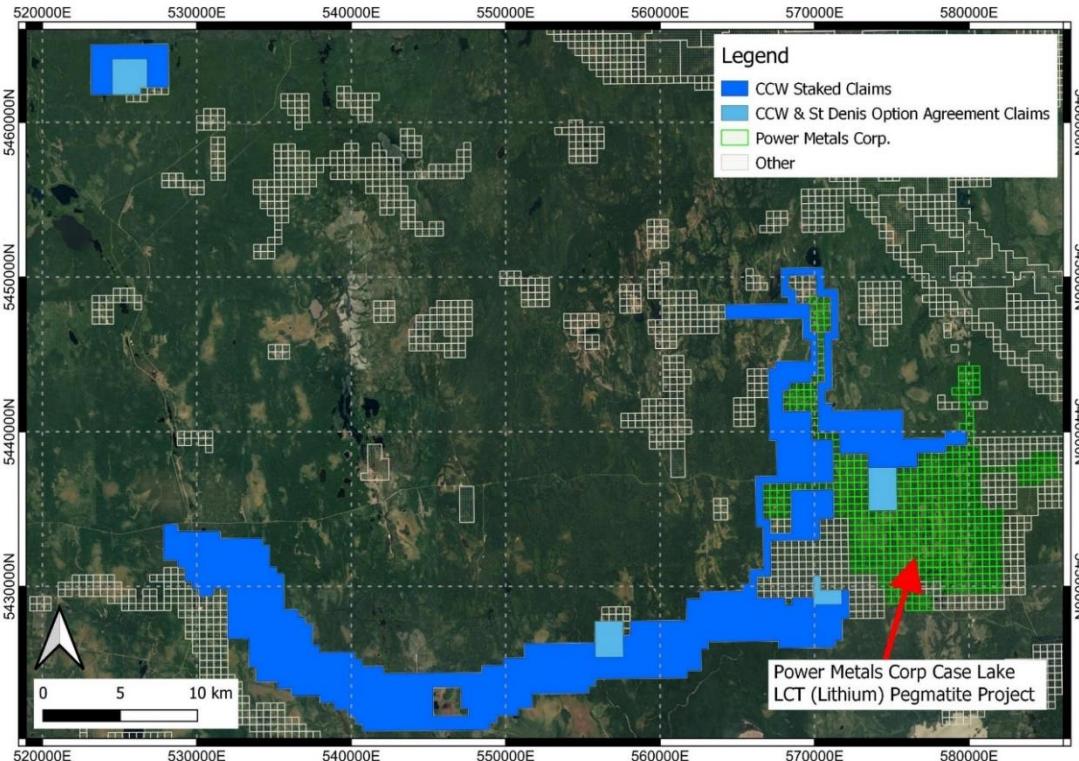
- 3D high-resolution drone magnetic geophysical survey
- Field component of a 3D DCIP geophysical survey with 3D inversion model – Have received preliminary results
- Bedrock stripping in north and east blocks
- 4 holes drilled Nov. 2022 – Assays pending
  - 3 in west and 1 in southwest

## NEXT STEPS

- Receive the final 3D IP geophysical data and report
- Drill and test interpreted structures and IP chargeability anomalies in north and east blocks
- Drill and test IP chargeability anomalies associated with structural corridor in south block
- Bedrock stripping in north block and expose extensions of historically identified gold-bearing quartz veins



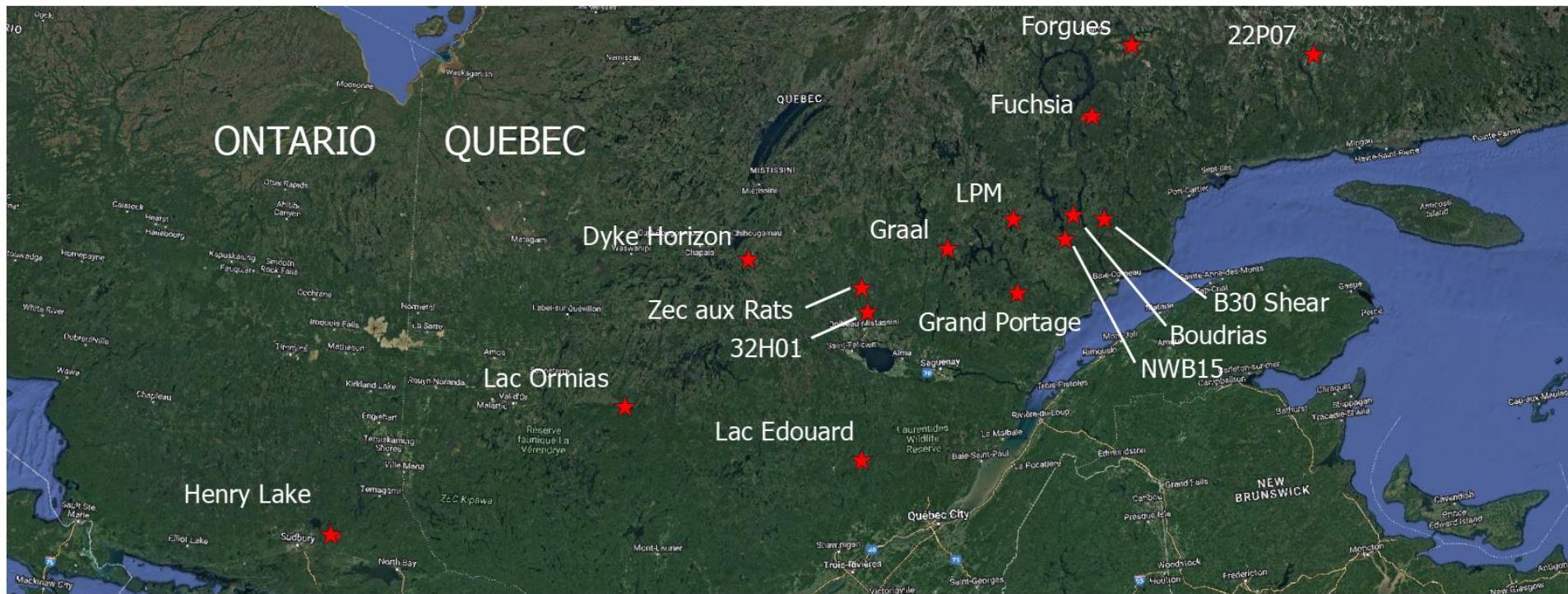
# St. Denis Property: LCT Pegmatites (Lithium-Cesium-Tantalum)



- Property is 240 square km in total
- Adjacent to Power Metal's Case Lake Lithium LCT Property to the east
- Pegmatic outcrops identified at surface, with historic drilling featuring pegmatite intercepts nearby
- Potential for LCT type pegmatites supported by numerous LCT occurrences at Case Lake with significant lithium grades such as **1.58% Li<sub>2</sub>O over 15.00m in PWM-22-134**
- Western staked claims are supported by the **2021-2022 Ontario Recommendations for Exploration**



# BATTERY METALS EXPLORATION - Across Ontario & Quebec



# Work We've Completed So Far

## Airborne Mag & Gravity

- Forgues (2D/3D inversion)
- Fuchsia (2D/3D inversion)
- NWB15 (2D currently)
- Henry Lake (2D currently)
- Lac Edouard (2D/3D inversion)
- Graal

## VTEM Survey

- Lac Edouard
- Graal

## Borehole EM & SQUID Surveys

- Graal

## Prospecting

- B30 Shear
- Boudrias
- Grand Portage
- LPM

## Airbus Satellite Data

- 22P07
- 32H01
- B30 Shear
- Boudrias
- Dyke Horizon
- Forgues
- Fuchsia
- Grand Portage
- Lac Ormias
- LPM
- NWB15
- Zec aux Rats
- Lac Edouard
- Graal

## Data Compilation

- 22P07,
- 32H01
- Dyke Horizon
- Lac Ormias
- Zec aux Rats

### Airbus Satellite Data Includes:

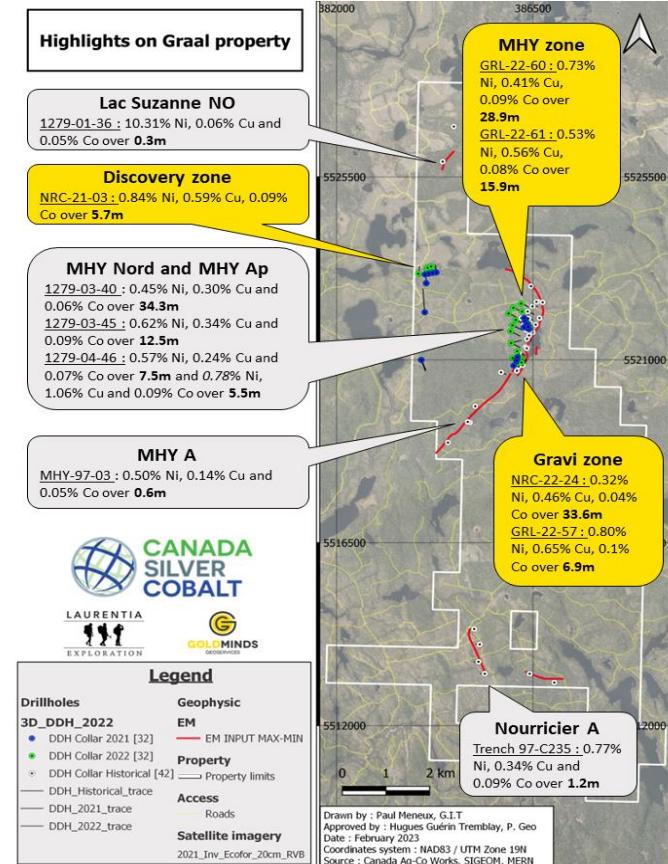
- AOIs
- DTM
- Shaded Relief
- High Resolution ortho-images RGB/NRB
- Low Resolution ortho-images spectral composites
- Roads and waterbodies vector data
- NDVI from High Resolution images
- Band ratios from Low Resolution images

Note: The final (assessment) reports for the field work / prospecting completed in 2022 are still in progress



# Graal Property - Ni-Cu-Co

- **Grassroots Nickel-Copper-Cobalt exploration** property located in Quebec near Saguenay, and is **6,113 hectares** in size
- Located in the Grenville province containing the Lac-Saint-Jean suite, **one of the largest anorthositic complexes in the world**. Deposits in this geological setting are Fe-Ti-P and/or Ni-Cu-PGE
- Company has completed airborne magnetic/gravity, VTEM, SQUID, borehole EM types of geophysics. Resulted in several anomalous target zones including a **6 km strike length EM anomaly**
- 16,794.60m of diamond drilling in total for Phase 1 and Phase 2
- Historic drill results such as:
  - 1279-00-08: **0.84% Ni, 0.50% Cu and 0.10% Co over 10.20m**
  - 1279-03-40: **1.03% Ni, & 0.80% Cu over 10.25m**





# Graal Property - Phase 1 Drilling Highlights

**CONIAGAS** +  
BATTERY METALS

CANADA  
SILVER  
COBALT

- Phase 1 of diamond drilling intercepted various amounts of nickel-copper-cobalt (Ni-Cu-Co) with minor amounts of platinum-palladium (PGE)
- Drilling proves that the property is a Ni-Cu-PGE anorthositic hosted magmatic sulphide deposit
- Phase 1 - have all assays returned and 43-101 technical report filed
- NRC-21-03: **1.15% Ni, 0.27% Cu, and 0.12% Co over 4.10m** from 138.30-142.40m
- NRC-21-15: **0.43% Ni, 0.43% Cu, and 0.06% Co over 5.80m** from 56.30-62.10m
- NRC-22-24: **0.39% Ni & 0.40% Cu over 30.60m** from 121.50-152.10m
- NRC-22-26: **0.57% Ni & 0.41% Cu over 5.80m** from 135.00-140.80m (see core photo below)





# Graal Property - Phase 2 Drilling

- The Company has recently received and verified the results from Phase 2 diamond drilling. The Company has begun releasing the assay results.
- GRL-22-60 (below and right) showing sulphides



- GRL-22-60 intercepted 0.73% Ni, 0.41% Cu, and 0.09% Co over 28.90m from 51.50 to 80.40m.
  - 1.12% NiEq over 28.90m**
- GRL-22-61 intercepted 0.53% Ni, 0.56% Cu, and 0.08% Co over 15.90m from 62.10 to 78.00m
  - 0.94% NiEq over 15.90m**

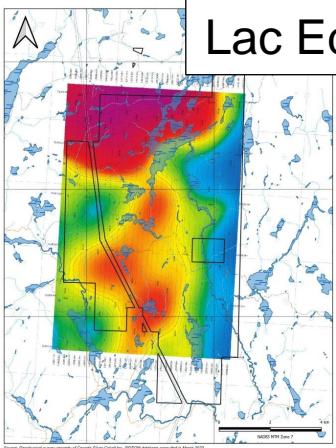


# Other Critical / Battery Metals - Ni, Cu, Co, PGE, and REE

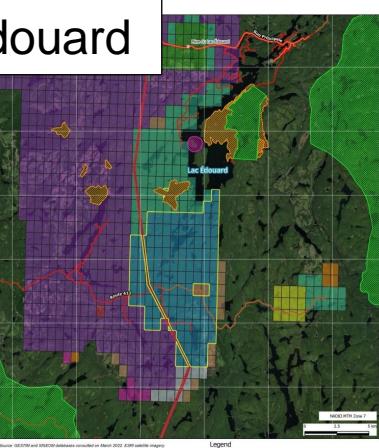


- 14 other Ni-Cu-Co-PGE-REE properties
- 4 have anomalies from airborne geophysics
- Contain various combinations of:
  - Ni-Cu or Ni-Cu-Co showings
  - Ni-Cu or Ni-Cu-Co drilling within or nearby
  - REE and PGE showings

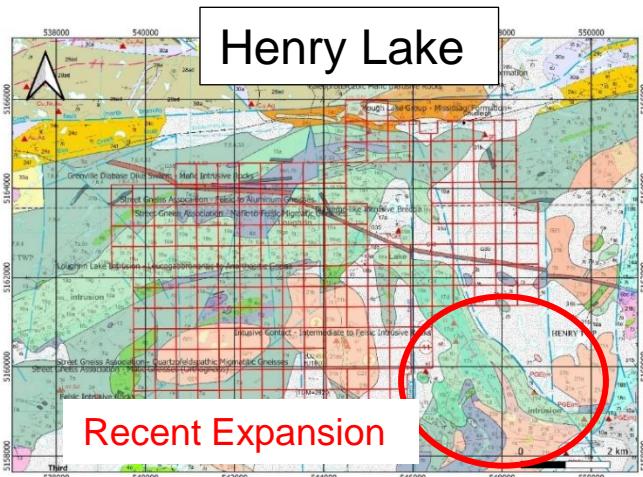
Lac Edouard



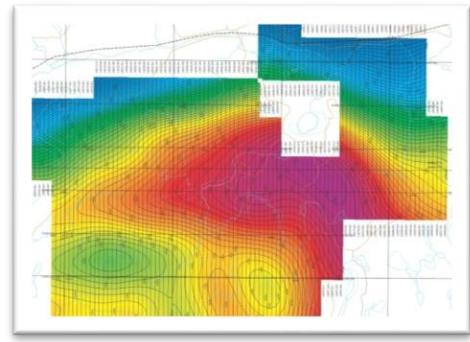
Forgues



Henry Lake

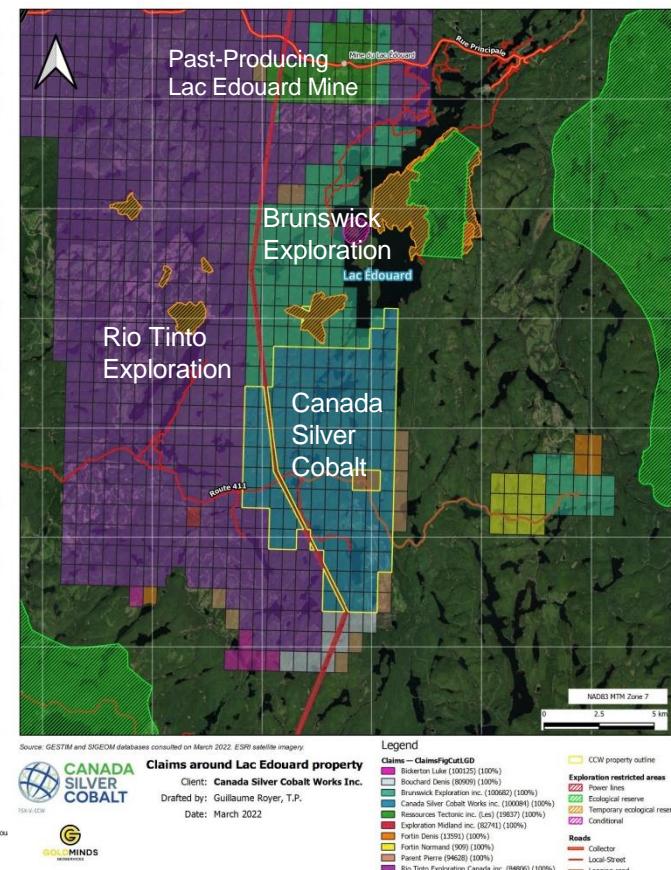
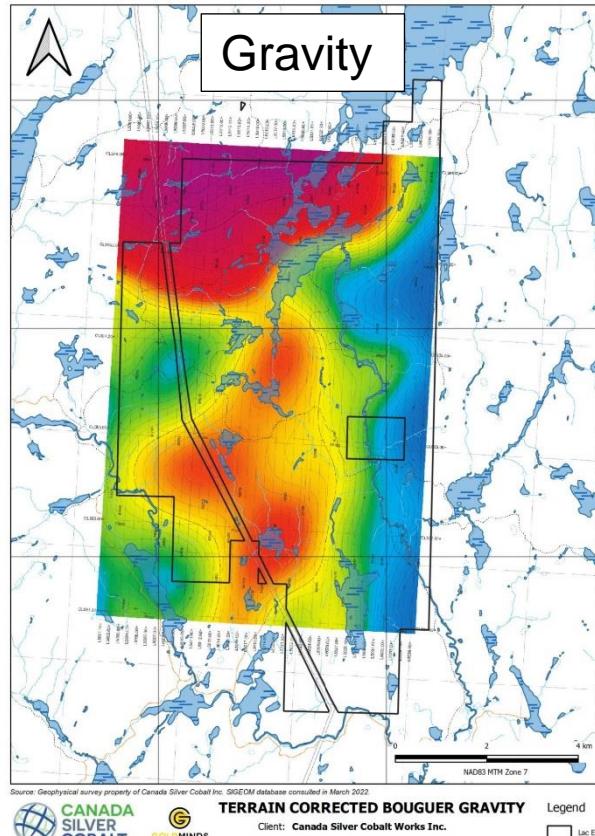


Recent Expansion



# Lac Edouard Property - Ni, Cu, Co

- Has Ni, Cu, Co showings nearby
- Airborne gravity, magnetics, and VTEM (2D & 3D)
- Identified several gravity (Bouguer) anomalies
- Various satellite data including DTM, relief, high-res RGB/NRB, low-res spectral, NDVI, low-res band ratios
- Adjacent to Rio Tinto who started a drill program in 2022

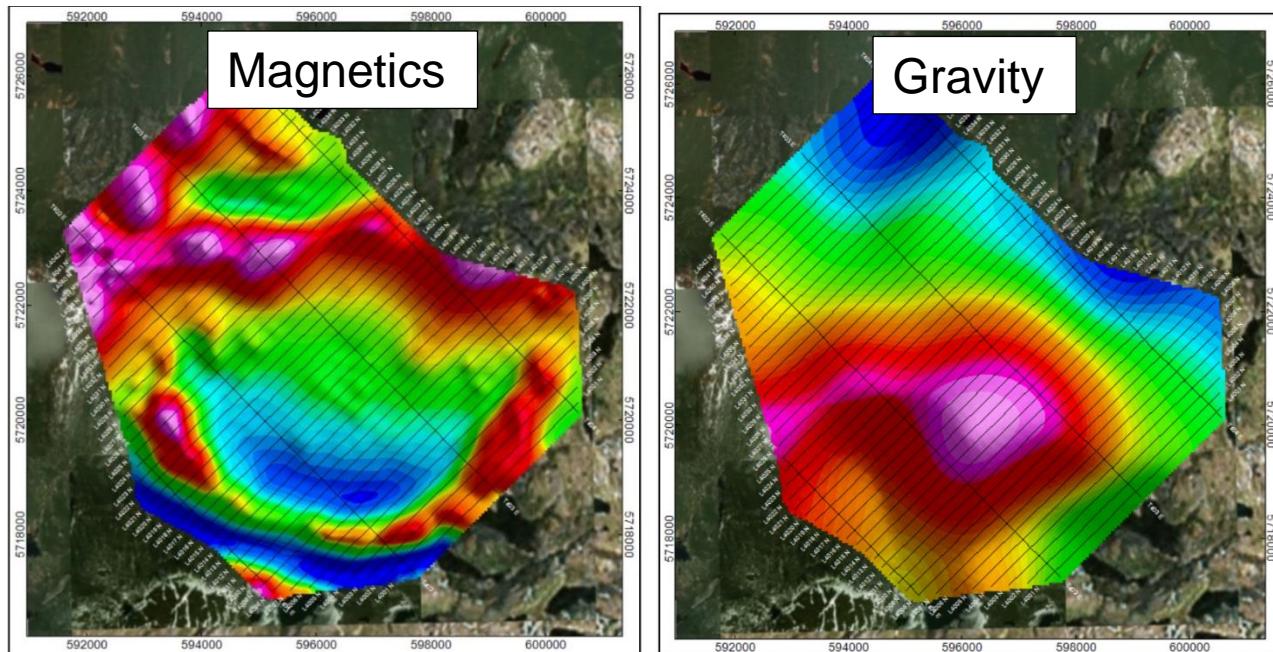




# Forgues Property - Ni, Cu, Zn



- Has Ni, Cu, Zn showings
- Nearby drill intercepts with Ni, Cu results
- Airborne gravity, magnetics (2D & 3D)
- Identified large gravity (Bouguer) anomaly in the center of the mafic intrusion or “Forge Crater”
- Satellite data including DTM, relief, high-res RGB/NRB, low-res spectral, NDVI, low-res band ratios

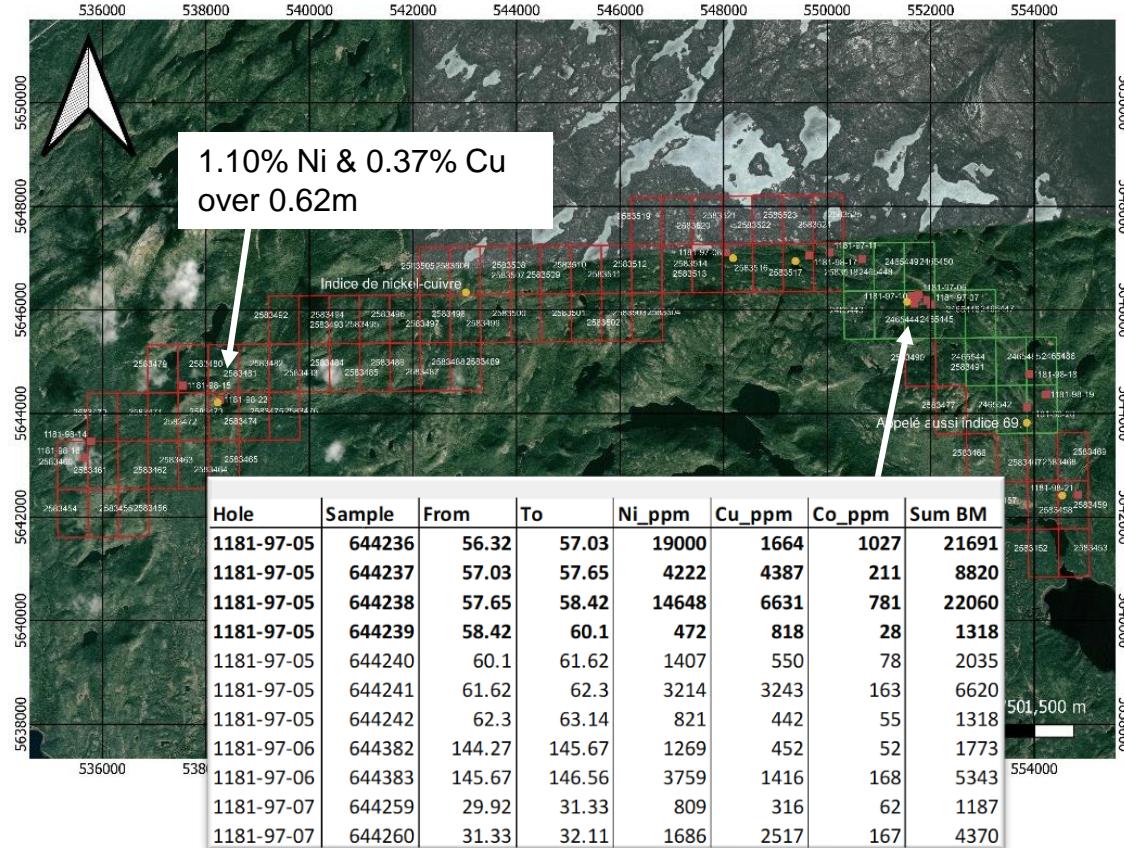




# Fuchsia Property - Ni, Cu, Co



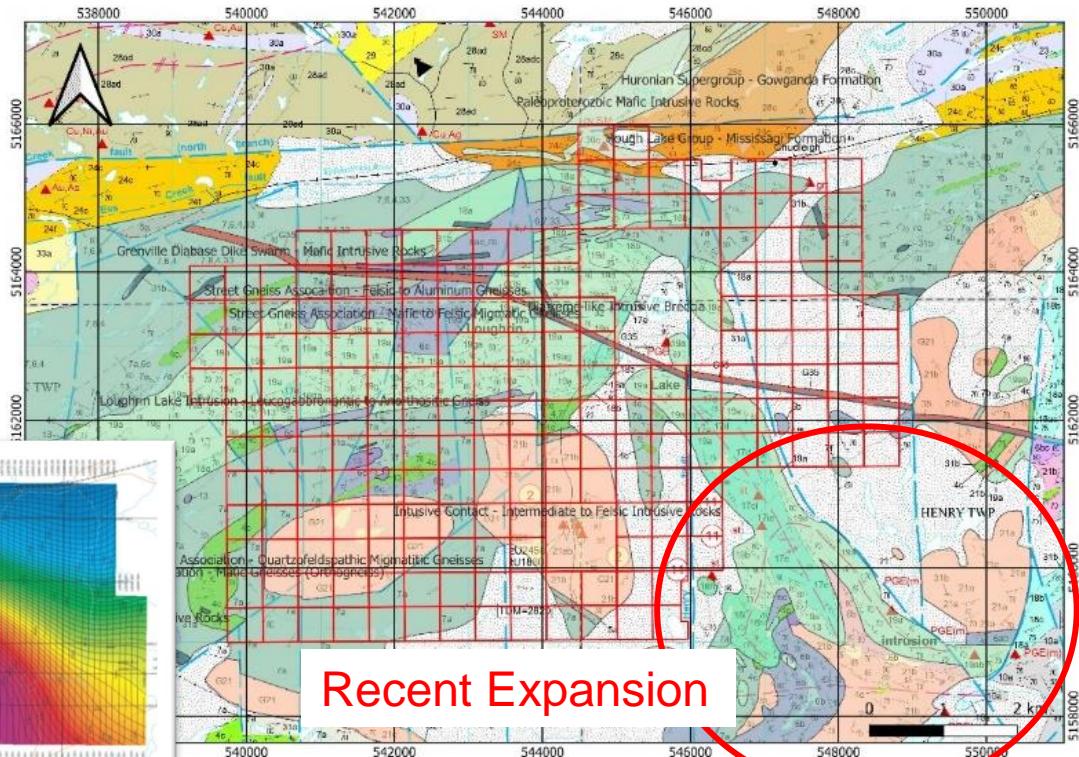
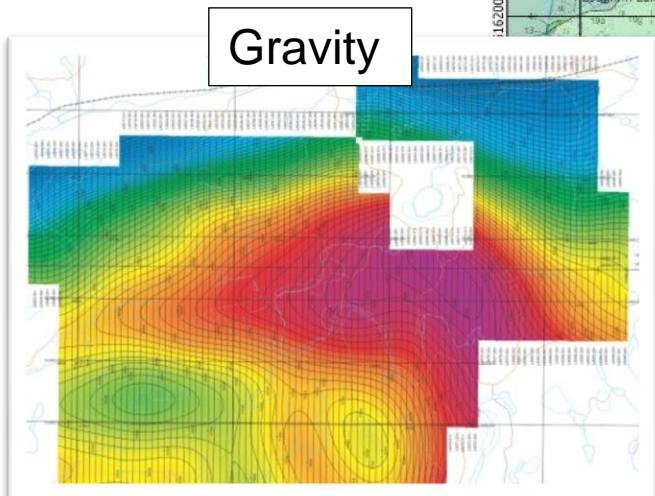
- Has Ni, Cu showings within property & nearby
- Drill intercepts with Ni, Cu, Co results
- Airborne gravity & magnetics (2D & 3D)
- Satellite data including DTM, relief, high-res RGB/NRB, low-res spectral, NDVI, low-res band ratios
- New structural information identified from the airborne magnetic and gravity survey





# Henry Lake Property - Ni, Cu, PGE

- Ni, Cu, and PGE showings nearby
- 2D Airborne gravity & magnetics
- Large gravity (Bouguer) anomaly correlating to Ni-Cu-PGE showings
- Satellite data including DTM, relief, high-res RGB/NRB, low-res spectral, NDVI, low-res band ratios





# DEVELOPMENT: TTL High-Grade Mill in Cobalt, Ontario



## TEMISKAMING TESTING LAB / METALS PROCESSING FACILITY<sup>1</sup>

Well-established facility in town  
of Cobalt **SPECIALIZES IN**  
**HIGH-GRADE MINERALIZATION**

Historically functioned as a  
**REGIONAL ASSAY**  
**LABORATORY**

High-grade mill for  
**BULK SAMPLING AND**  
**PROCESSING**

High capacity bullion furnace  
**PRODUCES SILVER**  
**AND GOLD DORE BARS**

Ball mill, cone crusher, concentrator  
**READY FOR MILLING AND TOLL**  
**PROCESSING**



(1) See company news releases Oct. 10 and 24 and Dec. 4, 2019, Jan. 10 and July 31, 2020 and Jan. 15, 2021



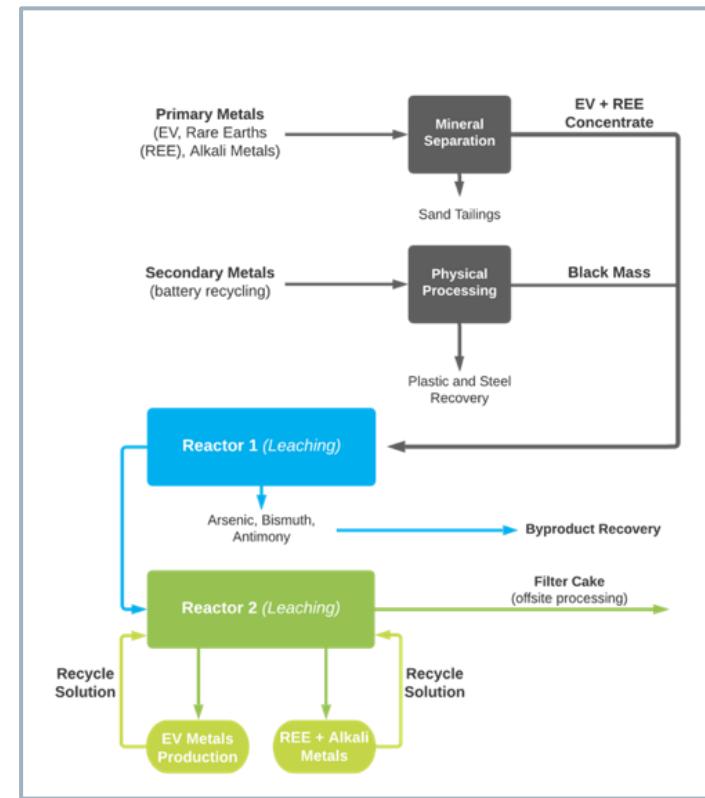
# PROPRIETARY RE-2OX TECHNOLOGY Clean, ESG Compliant



- Re-2Ox is a **closed-loop hydrometallurgical process** that **extracts metals without any discharge or smelting**
- Conforms with EV manufacturer's need for ethically sourced battery metals and strict environmental compliance
- SGS Canada has been engaged to test and design a **Re-2Ox Pilot Plant at Lakefield, Ontario**
- Demonstrated in SGS lab tests to be effective in:
  - **Recovering 99% of cobalt** from Castle gravity concentrates
  - **Removing 99% of arsenic** from Castle gravity concentrates
  - **Producing an industry grade 22.6% cobalt sulphate** for electric vehicle batteries
- Feed material can come from Castle Mine and/or Castle East, Castle and/or Beaver tailings, recycled batteries, Ni-Cu-Co properties, and even Granada Gold Mine's rubidium deposit

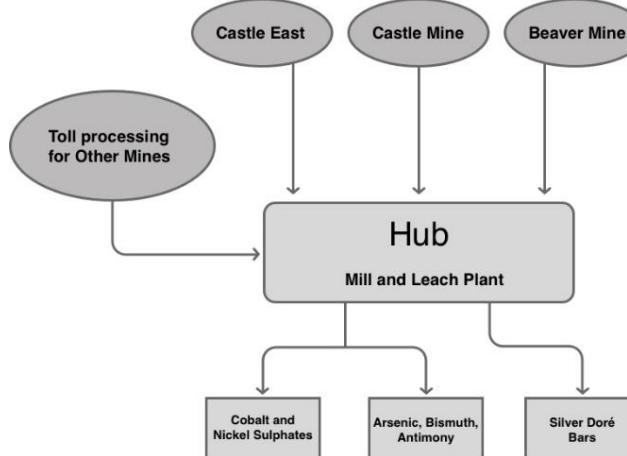
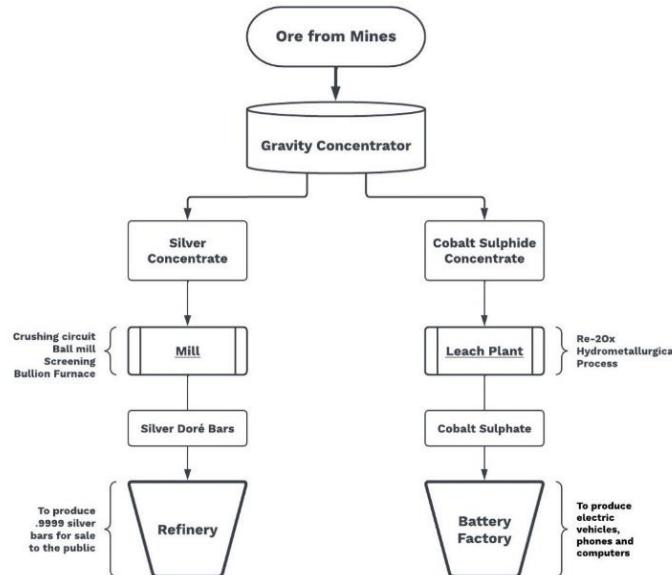
More info at <https://re-2ox.com/> and in company news releases.

## Re-2Ox PROCESS FLOWSHEET



# Hub and Spoke Production in Canada's Cobalt Camp

- A hub-and-spoke system would produce cobalt and silver primarily but also other critical metals such as nickel, arsenic, antimony and bismuth
- Material from producing mines or remediated tailings/waste piles in the Camp would be transported to a central processing hub



- The input material would be fed for separation into a gravity concentrator
- The silver-gold concentrate would go to the mill to produce dore bars
- The cobalt concentrate would go to the leach plant to produce cobalt sulphate and other critical minerals as by-products such as nickel, arsenic, bismuth and antimony<sup>1</sup>

<sup>1</sup> 1. Arsenic is a US critical mineral, while cobalt, nickel, bismuth and antimony are US and Canadian critical minerals..



# Geological and Analytical Services We Offer



**Creation or Supervision of Exploration Programs**

**Data Compilation for Properties**

**Drill Management**

- Drillhole planning, core logging, cutting, sampling, storage, 3D modelling
- Coreshack based out of Timiskaming Shores, Ontario

**Field Work Planning and/or Execution**

- Geochem, soils, sediment sampling, geological mapping

**Geological Interpretation and Modelling**

**Analytical Services (TTL – Timiskaming Testing Laboratories)**

- Assay Lab in Timiskaming shores (will ready for clients summer/fall 2023)
- Bulk Sampling / Crushing Circuit

**Supervision of Contractors or Subcontractors**

**Discounts Available for Combined Packages or Multiple Services**

**All Services Pending Availability**



# KEY TECHNICAL Team Members



## MATT HALLIDAY P.GEO | President and COO

15+ years of exploration/development worldwide including narrow-vein deposits (SGS, Kirkland Lake Gold, First Cobalt)

## FRANK BASA P.ENG | CEO and Chief Metallurgist

40+ years of exploration/milling/metallurgy worldwide including Agnico Eagle in Cobalt Camp

## GERHARD KISSLING P.GEO | VP Exploration

Experienced Geologist (First Cobalt, Kirkland Lake Gold, McEwen)

## DIANNE TOOKENAY | Director (First Nations Consultant)

Leads critical consultations with First Nations

## CLAUDE DUPLESSIS P.ENG | GoldMinds GeoServices

Leads Québec battery metals exploration



Matt Halliday, President and COO (left) and Frank Basa, Chairman and CEO (Right)



# CAPITAL STRUCTURE and Share Performance



## Canada Silver Cobalt Works Inc.

Shares Outstanding <sup>1</sup>	234,434,682
Market Cap (@\$0.08/share) <sup>2</sup>	\$19 million
Warrants <sup>1</sup> (\$0.11 - \$0.65)	107,178,495
Options <sup>1</sup> (\$0.21 - \$0.70)	11,428,335
Fully Diluted <sup>1</sup>	353,041,512

TSX-V **CCW** | OTCQB **CCWOF** | FRANKFURT **4T9B**



(1) Share numbers approximate, as of December 31, 2022

(2) Share price as February 23, 2023.



**CANADA  
SILVER  
COBALT**

## **HIGHEST SILVER GRADES IN THE WORLD**

**MATT HALLIDAY P.Geo**  
President and COO

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+1 416-710-2410

**Gold & Silver Properties  
Critical Battery Metals (Li-Ni-Cu-Co)  
Green Re-2Ox Processing Technology  
Geological & Analytical Services**

### **Mining Office**

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Rouyn-Noranda,  
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[www.canadasilvercobaltworks.com](http://www.canadasilvercobaltworks.com)

