

CORPORATE PRESENTATION – JUNE 2025 **TSXV: SAG | OTCQB: SAGGF**

UNLOCKING CANADA'S COPPER POTENTIAL

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Market and Industry Data (continued)

References in this presentation to reports and publications should not be construed as depicting the complete findings of the entire referenced report or publication. Sterling Metals does not make any representation as to the accuracy of such information.

Technical Disclosure and Qualified Person

Jeremy Niemi, P.Geo., Senior Vice President of Exploration and Evaluation to Sterling Metals, and a Qualified Person within the meaning of National Instrument 43-101 Standards of Disclosure for Minerals Projects, has reviewed and approved the technical information presented herein.

Certain data disclosed in this presentation is related to historical drilling and sampling results. Sterling has not undertaken any independent investigation of the sampling, nor has it independently analyzed the results of the historical exploration work in order to verify the results. Sterling considers these historical drill results relevant as the Company is using this data as a guide to plan exploration programs. The Company's current and future exploration work includes verification of the historical data through drilling.





CANADA NEEDS MORE COPPER AND IT'S GETTING HARDER TO FIND

CANADA HAS PROVEN GEOLOGICAL ENDOWMENT BUT ACCOUNTS FOR ONLY 1% IN WORLD RESERVES 23% Other countries 21% Chile 1% Canada 2% Zambia 11% 2% Kazakhstan Australia 3% Indonesia 3% China 4% Poland 4% DRC **9**% Peru 5% 7% **6%** United States Russia Mexico WORLD RESERVES OF COPPER BY COUNTRY (2022)

Source: <u>https://natural-resources.canada.ca/our-natural-</u> resources/minerals-mining/minerals-metals-facts/copper-facts/20506

MAJOR DISCOVERS ARE BECOMING LESS COMMON AND GETTING DEEPER





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PROVEN TEAM

PURSURING TIER-ONE COPPER DISCOVERIES IN CANADA

BOARD OF DIRECTORS AND ADVISORSMark Goodman
ChairmanStephen Keith
DirectorChairmanDirectorRichard Patricio
AdvisorMark Raguz
AdvisorAdvisorMark Raguz
Technical Advisor

MANAGEMENT

CFO

Mathew Wilson CEO and Director

Jeremy Niemi SVP Exploration and Evaluation Corporate Secretary

Dennis Logan



















OVERVIEWTHE RIGHT INGREDIANTS FOR A TIER-ONE COPPER DISCOVERY





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SOO COPPER PROJECT MIDCONTINENT RIFT: +150 YEARS OF COPPER PRODUCTION



SOO COPPER PROJECT* -Historical resources spanning 30km

Historical production of **7.6Mt at 1.97%Cu**

Historical resources of 265Mt @ 0.15%Cu (Tribag) and 20Mt @0.19%Cu (Jogran)**

*Perello J., Silitoe R.H., and Creaser R.A., 2020, Mesoproterozoic porphyry copper mineralization at Mamainse Point, Ontario, Canada in the context of Midcontinent rift metallogeny, Ore Geology Reviews 127

**Independent Technical Report entitled "Technical Report on the Copper Road Property", dated April 29, 2024, prepared by Kelly Malcolm, P.Geo., for Sterling Metals Corp.

This estimate is a "historical estimate" as defined under NI 43-101. A Qualified Person has not done sufficient work to classify the historical estimate as current mineral resources and Sterling Metals is not treating the historical estimate as current mineral resources.



SCALE

SOO COPPER PROJECT FRACTURED OWNERSHIP AND LIMITED SYSTEMATIC WORK BRINGS OPPORTUNITY FOR DISCOVERY AROUND HISTORICAL PORPHYRY





SCALE

JOGRAN PORPHYRY AND RICHARDS BRECCIA 2024 SURVEYS HIGHLIGHT LARGE-SCALE POTENTIAL AND REFINED DRILL TARGETS



 Historically fractured ownership and limited capital narrowed focus to small breccia and pencil porphyry

SCALE

- Near surface IP/Resistivity from 2024 program connects to 2.5 x 1.5 x 1.5km potential porphyry source identified by 2015 ZTEM survey
- 2025 inaugural drill program aimed to test resistivity lows near surface in first 4 holes



SOO COPPER PROJECT PHASE I – HOLE 1 SUCCESSFULLY DEMONSTRATES A CONTINUOUS CU-MO-AG-AU TARGET



- Broad, near-surface zone of high tenor chalcopyrite-bornite copper mineralization starting at 14.3m.
- Copper mineralization associated with a multi-porphyry intrusive complex composed of a newly discovered well mineralized, early synmineral stage felsite porphyry, and two intramineral porphyries.
- A 130m interval of mafic tuff unit containing large patches of biotitemagnetite-chalcopyrite-bornite mineralization plus chalcopyrite veining beginning at less than 200m vertical depth grading:
 - 0.43% CuEq over 40.4m starting at 249.6m
 - 0.56% CuEq over 26.5m starting at 347.0m
- The tuff represents an ideal host rock for mineralization, highly permeable and well-altered with preserved bornite-rich mineralization suggesting strong vectoring potential toward the core of a porphyry center.
- Copper mineralization encountered throughout the entire length of the drill hole.

Intervals may not represent true widths which are not yet known and capping has not been applied to grades. CuEq grade calculations for reporting assumes 3-month average metal prices of US\$4.3/b Cu, US\$20.6/b Mo, US\$305/oz Au and US\$33/oz Ag and recoveries of 90% Cu, 85% Mo, 70% Au, 60% Ag. Recoveries used are from recent test work on the Solaris, Warintza Project in Peru which is a similar style mineralization to Soo Copper. See "Mineral Resource Estimate Update - NI 43-101 Technical Report, Warintza Project, Ecuador" with an effective date of July 1, 2024, and available on SEDAR+ under Solaris Resources profile.





SOO COPPER PROJECT SUBSEQUENT HOLES OUTLINE A 1 KM STRUCTURAL CORRIDOR



- Higher copper grades are clearly associated with zones of higher permeability that are marked by shear foliation, brecciation and the presence of porphyry dykes, of which the earliest pre-mineral phase (GFP Porphyry) exhibits very strong "EB", "A" and "B" type stages of porphyry veining.
- The GFP porphyry dyke swarm is interpreted to have an approximate east-west trend, which follows a structural corridor and coincides with several geophysical resistivity-low target areas.
- All four holes display strong correlation between the 3D-IP survey resistivity low targets and porphyry copper mineralization and related alteration.
- Mineralization, so far, is primarily chalcopyrite with locally abundant bornite with generally minor or no pyrite suggesting an extensive, well preserved, very copper-rich, potassic altered porphyry core zone is present in the target area.
- Molybdenite is commonly found with chalcopyrite with evidence for particularly molybdenite-enriched zones.

Intervals may not represent true widths which are not yet known and capping has not been applied to grades. CuEq grade calculations for reporting assumes 3-month average metal prices of US\$4.3/b Cu, US\$20.6/lb Mo, US\$3305/oz Au and US\$33/oz Ag and recoveries of 90% Cu, 85% Mo, 70% Au, 60% Ag. Recoveries used are from recent test work on the Solaris, Warintza Project in Peru which is a similar style mineralization to Soo Copper. See "Mineral Resource Estimate Update - NI 43-101 Technical Report, Warintza Project, Ecuador" with an effective date of July 1, 2024, and available on SEDAR+ under Solaris Resources profile.





SOO COPPER PROJECT MULTIPLE STYLES OF MINERALIZATION AND EXTREMELY HIGH TENOR SURROUNDING GFP PORPHYRY DYKE

Bornite-chalcopyrite mineralization at 264.9m depth in MJ-25-01 grading 2.95% Cu, 0.442 g/t Au and 24 g/t Ag over
0.6m. Hosted by strongly biotite-chlorite altered mafic tuff volcanics adjacent to early stage GFP Porphyry.



Massive Chalcopyrite-Magnetite mineralization at 157.7m depth grading 8.23% Cu, 1.28 g/t Au and 13.6 g/t Ag in hole CH-25-01. Host mafic volcanic is strongly biotite-altered with crosscutting quartz-orthoclasehematite-magnetite-chalcopyrite "M"-veins.





Intensely veined and newly discovered, early stage GFP Porphyry at 267m depth grading 0.68% Cu, 0.02% Mo, 0.19 g/t Au and 4.2 g/t Ag. Split NQ core (4.8cm wide)



SOO COPPER PROJECT INAUGURAL DRILL PROGRAM ESTABLISHED A SANDBOX

Phase I Insight:

• Initial program tagged only the northernmost edge and uppermost extent of this porphyry system

Phase II Objectives:

- East-West Corridor Test at depth and along strike of the eastwest structural corridor, looking for a widening of the Cu-Mo mineralization associated with key porphyry-related structure
- **Southern Extensions** Investigate south of the east-west structural corridor for additional porphyry-related and mineralized structures, particularly those indicating the approach of the porphyry intrusive centre.
- **Transition Zones** Explore at depth along key structures hosting strongly veined, mineralized porphyry dyke swarms to identify the transition from a mineralized porphyry dyke swarm into mineralized porphyry stock.
- **Permeability Enhancements –** Target zones of enhanced permeability that are well mineralized; especially Cu-Mo mineralized breccia zones that may widen at depth into large, mineralized porphyry-related intrusion breccias.





SCALE

SOO COPPER PROJECT SOILS INDICATE POTENTIAL FOR MULITPLE PORPHYRY CENTERS



- 4km trend of soils in the +95th percentile open to south
- Soils limited but useful with up to 12m of cover in first program
- 2500-4000 soil samples to be taken in parallel with drill program
- This is just the beginning of developing a large copper system

*Perello J., Silitoe R.H., and CreaserR.A., 2020, Mesoproterozoic porphyry copper mineralization at Mamainse Point, Ontario, Canada in the context of Midcontinent rift metallogeny, Ore Geology Reviews 127

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SCALE



SOO COPPER PROJECT MAJOR COST ADVANTAGES DUE TO INFRASTRUCTURE AND ACCESS



LOGGING ROAD ACCESS



DIRECT ACCESS FROM TRANS-CANADA HIGHWAY





ADELINE PROJECT, LABRADOR NEWLY STAKED CLAIMS UNDERSCORES PROSPECTIVITY OF THE SEAL LAKE BASIN

Staked by Viridian Metals (~\$30 market cap) following its selection for the BHP Xplor program in January 2025¹

2,600 km² 70 copper showings



Date: May 2025



ADELINE PROJECT

DRILLING AND SAMPLING SHOWS DEMONSTRATED POTENTIAL FOR FUTURE DISCOVERIES



- Adeline Formation and Salmon Lake Formation are targets for copper mineralization
- Regional fluid flow caused by basin inversion tectonics during Grenville Orogeny
- Fluids are concentrated where key structures focused fluid flow into stratigraphic redox traps

Source: Assessment Report "2011 Exploration Summary Report, Seal Lake Project, Labrador, Canada" LAB 1649, May 3, 2011, Revised July 19, 2011.

The data disclosed is related to historical surface sampling results. Sterling has not undertaken any independent investigation of the sampling, nor has it independently analyzed the results of the historical exploration work in order to verify the results. Sterling considers these historical results relevant as the Company is using this data as a guide to plan exploration programs. The Company's current and future exploration work includes verification of the historical data through drilling and surface sampling. The reader is cautioned that rock grab samples are selective by nature and may not represent the true grade or style of mineralization across the property.



TEAM

COMPANY SNAPSHOT

Share Price (June 25, 2025)	C\$0.38
52-Week Low/High	C\$0.23 – C\$1.00
Basic Shares Outstanding ¹	30.9M
Options ²	3.0M
Warrants ³	3.1M
FD Shares Outstanding	37.0M
Basic Market Capitalization	C\$11.7M
Cash and Cash Equivalents (March 31, 2025)	C\$2.6M
Last Financing (Completed March 25, 2025)	C\$1.5M
Debt	None

1. Based on public disclosure as of April 21, 2025, and includes a \$1.5M financing of 6,082,000 private placement units completed on March 25, 2025.

2. Based on public disclosure as of March 26, 2025 with an average exercise price of \$0.63.

3. Includes 98,213 warrants at \$0.65 expiring October 23, 2025 and 3,041,000 warrants and 33,000 broker warrants at \$0.40 expiring March 25, 2027.







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SOO COPPER PROJECT

POTENTIAL RIFT PORPHYRY MODEL

The surface expression of mineralization, potassic alteration in drill core and the presence of high-grade copper magnetite G veins suggests an optimal erosional level setting at the Richards/Jogran Porphyry Target Area





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SOO COPPER PROJECT ADDITIONAL PICTURES OF WHERE ZTEM COMES TO SURFACE AND **PRESENTS 3 PHASES OF MINERALIZATION**

Hydrothermal quartz-magnetitesulphide vein

Moly vein with high-grade sulphide mineralization and rhenium common to rift related porphyry's

Steeply dipping copper sulphide rich veins spanning 1.5m









GRADE



SOO COPPER PROJECT HISTORIC DRILLING REVEALS MULTIPLES TYPES OF STRONG MINERALIZATION ACROSS 2KM IN LINE WITH THE SAME EAST WEST CORRIDOR



8.0% Cu, 0.02% Mo and 1.1 g/t Au over 0.7m

1.0% Cu, 0.03% Mo over 1m

AR9601 From 242.8m 3.9% Cu, 0.84 g/t Au over 1.07m



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SOO COPPER PROJECT HISTORICAL ZTEM INDICATES POTENTIAL SCALE AT DEPTH



- Story Extends at Depth
- Grade at surface in hydrothermal breccia suggests potential for large breccia in system with high grades
- Drilling will progressively work towards the story at depth



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SCALE

ADELINE PROJECT

NEW FRONTIER – ONE OF THE ONLY PROTEROZOIC BASINS IN THE WORLD THAT HASN'T BEEN SYSTEMATICALLY EXPLORED

- CMB is a globally significant Cu-U province located at a triple junction between three geological terranes
- 260km long belt endowed with high-grade copper, uranium, silver, REE and molybdenum showings
- Western part of the CMB is dominated by copper occurrences hosted within the Seal Lake Group (Adeline Project)





ADELINE PROJECT KEY ROOTS OF FORMATION

- **Rock Type**: Host rocks are reduced facies marine or lacustrine rocks such as green, black, or gray shale, siltstone, thinly laminated tidal facies, or reefoid carbonate rocks, and dolomitic shales.
- Age Range: Most deposits favour Middle and Late Proterozoic rocks worldwide.
- Depositional Environment: Continental clastic sedimentary basins succeeded by epicontinental shallow-marine or lacustrine basin within 30° of the paleo-equator.
- ✓ **Tectonic Setting**: An intracontinental rift or aulacogen.
- Mineralogy: Chalcocite and other Cu2S-CuS minerals + bornite. Deposits may be zoned with centers of chalcocite-bornite, outer zones of chalcopyrite-pyrite, and peripheral galena-sphalerite.

OROGENIC ACTIVITY BETWEEN 1.3 AND 1.0 GA FORMED COPPER DEPOSITS ASSOCIATED WITH SEDIMENTATION AND BASALTIC VOLCANISM IN INTRA-CONTINENTAL RIFTS GLOBALLY







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