Sama Resources Inc.

Discovering Nickel-Copper-Palladium Districts Worldwide

January 27, 2023

TSX.V: SME | OTC.PK: SAMMF

Forward Looking Statements

This presentation contains forward-looking statements. Forward-looking statements involve known and unknown risks, uncertainties and assumptions and accordingly, actual results and future events could differ materially from those expressed or implied in such statements. You are hence cautioned not to place undue reliance on forward-looking statements. Forward-looking statements include words or expressions such as "objectives", "forecast", "pursue", "growth", "estimate" and other similar words or expressions. Except for statements of historical fact relating to the Corporation, information contained or incorporated by reference herein constitutes forward-looking information, including, but not limited to, the future price of, and demand for, minerals, as well as the Corporation's strategy, plans or future financial or operating performance. Forward-looking information is based upon assumptions that were applied in drawing a conclusion or making a forecast or projection that are believed to be appropriate in the circumstances, including the following: the Corporation will be able to obtain additional financing on reasonable terms or at all; the Corporation will be able to recruit and retain the services of its key technical and management personnel; the Corporation's management will not identify and pursue other business objectives in future; there will be no unexpected technological, economic, political or other disruptions that will affect supply or demand for minerals in manner that would have a material adverse effect on the Corporation; the Corporation will be able to obtain all required regulatory approvals without undue delay or subject to excessively burdensome conditions; the results of current exploration activities will be favorable; the price of minerals will remain sufficiently high and the costs of advancing the Corporation's projects sufficiently low so as to permit it to successfully implement its business plans; and that the risks referenced above, collectively, will not have a material impact on the Corporation. While management considers these assumptions to be reasonable based on currently available information, they may prove to be incorrect.

Risk factors that could cause future results or events to differ materially from current expectations expressed or implied by the forward-looking statements include, but are not limited to, exploration results, revenue, fluctuations in the price of currencies or minerals or of local operating costs, mining industry risks, delays, political and social stability in Africa including our ability to maintain or renew permits and other risks as described in our documents filed from time to time with Canadian securities regulatory authorities. Information with regards to these and other risk factors can be found in Sama's MD&A for the quarter ending September 30, 2022 available at www.sedar.com.

These forward-looking statements are dated as of January 16, 2023 and we disclaim any obligation to update or revise these forward-looking statements, except as required by applicable law.

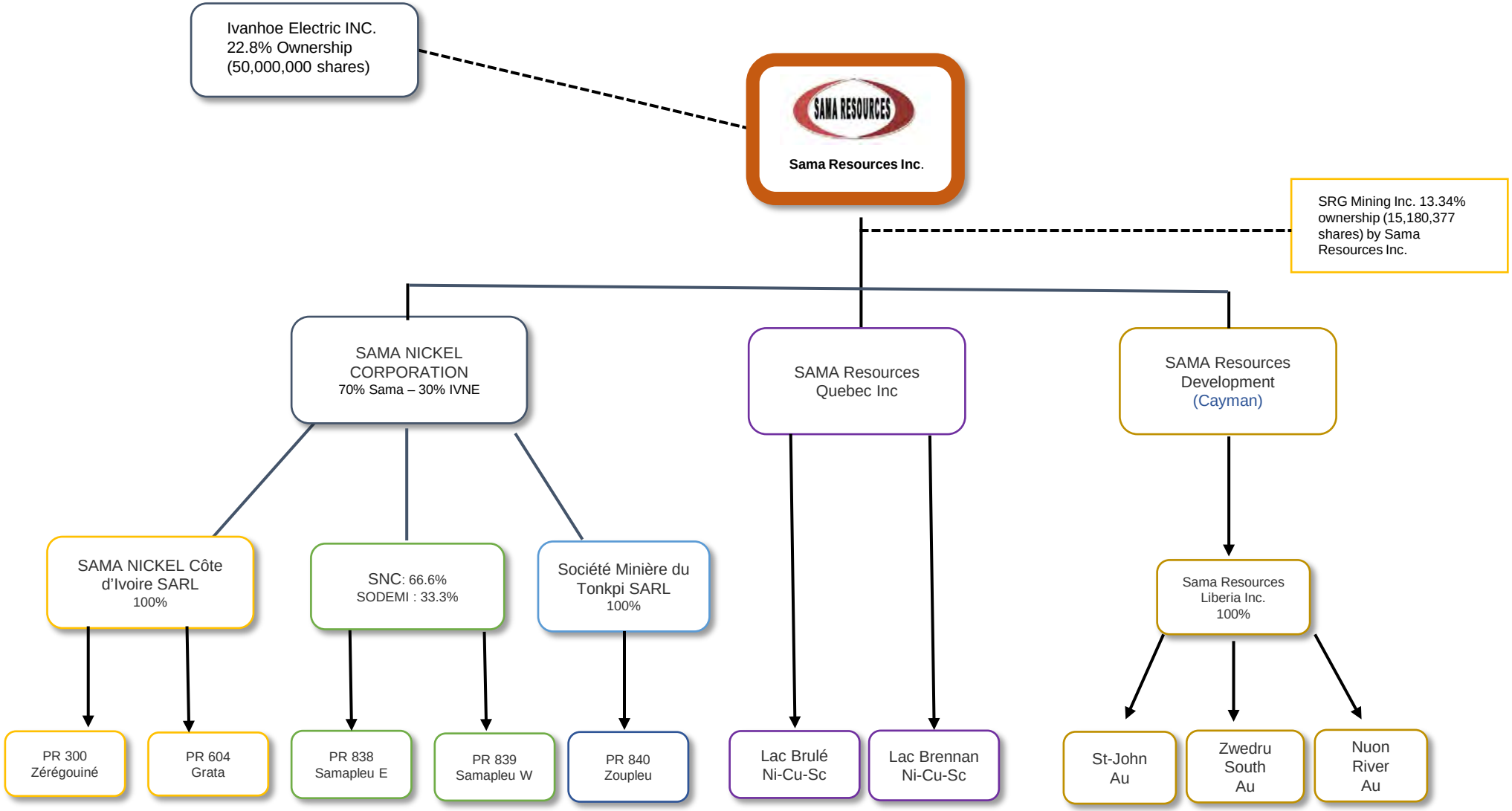
Corporate Summary

Ticker	TSX-V: **SME** OTC-US: **SAMMF**
Shares Outstanding	**219,768,440**
Options	**19,340,000**
Warrants	**Nil**
Market Cap	**CAD$26,000,000** (CAD$0.12 per share Jan 09-01-2023)
Debt	Nil
Cash (Jan 09th, 2023)	**CAD$6,700,000**
Securities Holdings 15.2 M shares of SRG Mining Inc. (13.34%) (Jan 09th, 2023)	**CAD$9,867,000**
Ivanhoe Electric Project to Spend (Ivorian Project level only)	**CAD$4,357,000**
Project Locations	**Côte d'Ivoire, West Africa** **Québec, Canada**

Shareholders

- Ivanhoe Electric **22.8%**
- MMG (China Minmetals) **7.1%**
- Management & Insiders **6.1%**
- Commodity Discovery Fund **2.0%**
- African Lion **1.6%**
- Stephens Investment Management
- MJG Capital Fund

SAMA Resources Inc.: current Corporate Structure



Yacouba UM Intrusive Complex

Newly discovered Base Metal district in West-Africa

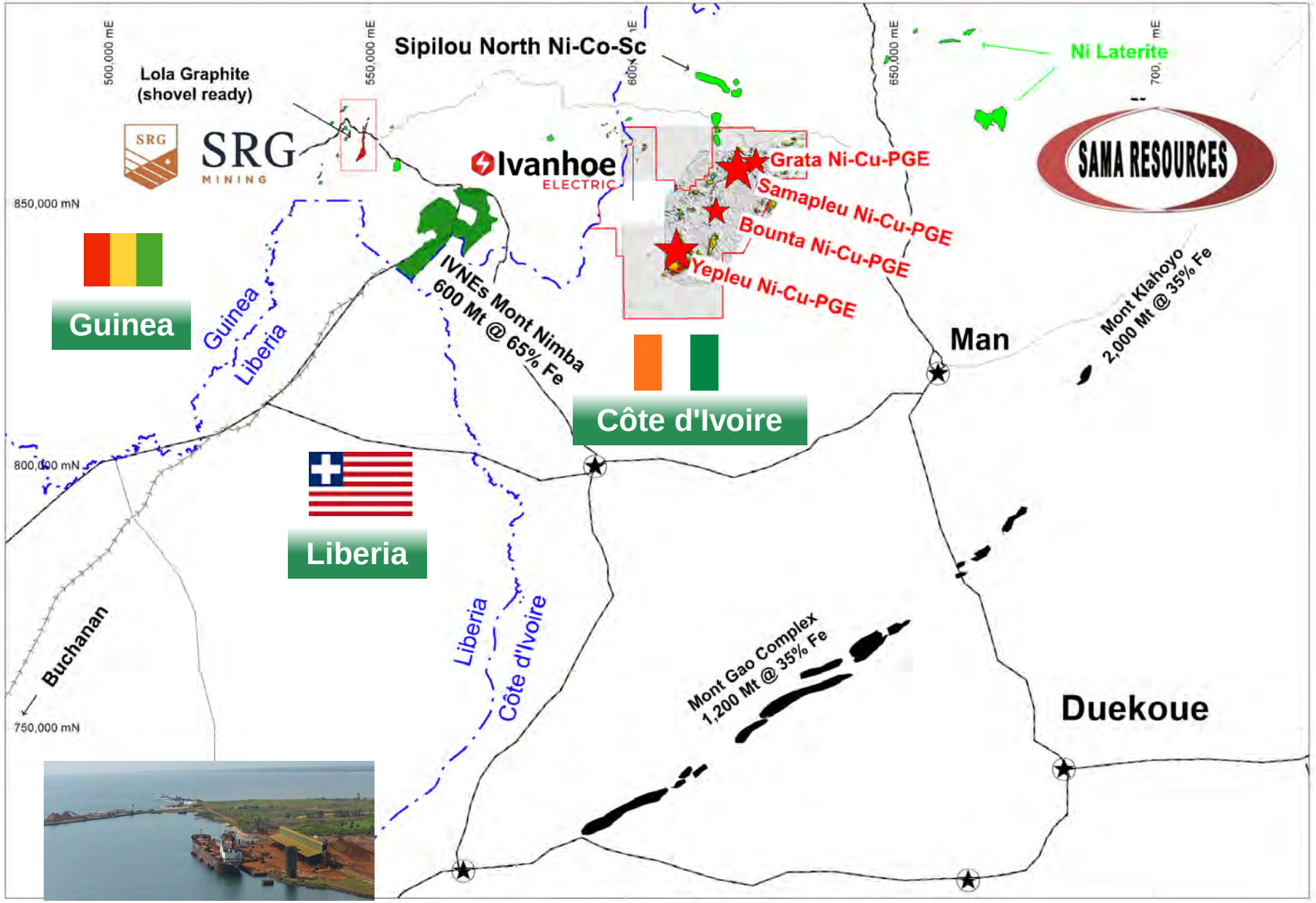
- Ivanhoe Electric Inc. continues with Earn-in agreement
- Discovery of a new zone at Grata, 5 km East of Samapleu deposit.
- Sell of 5.6M shares of SRG Mining for C$4.0M, financing exploration without dilution to shareholders.
- 64 drill holes totalling 15,924 m at the project in 2022 with 45 drill holes totalling 14,995 m at Grata alone.
    - 8,000 metres initially budgeted
    - Mineralised intersections are up to 303 m in thickness from surface at Grata. Results confirming mineralisation over 850 m of strike
    - Assays results are pending for 8 remaining DDH
    - Detailed metallurgical studies on Samapleu-Grata material are ongoing with preliminary results shown on slide 14.
- Revised mineral resource estimate in Q1 2023.
  Updated PEA for Q3 2023

Lac Brulé Ni-Cu-Scandium

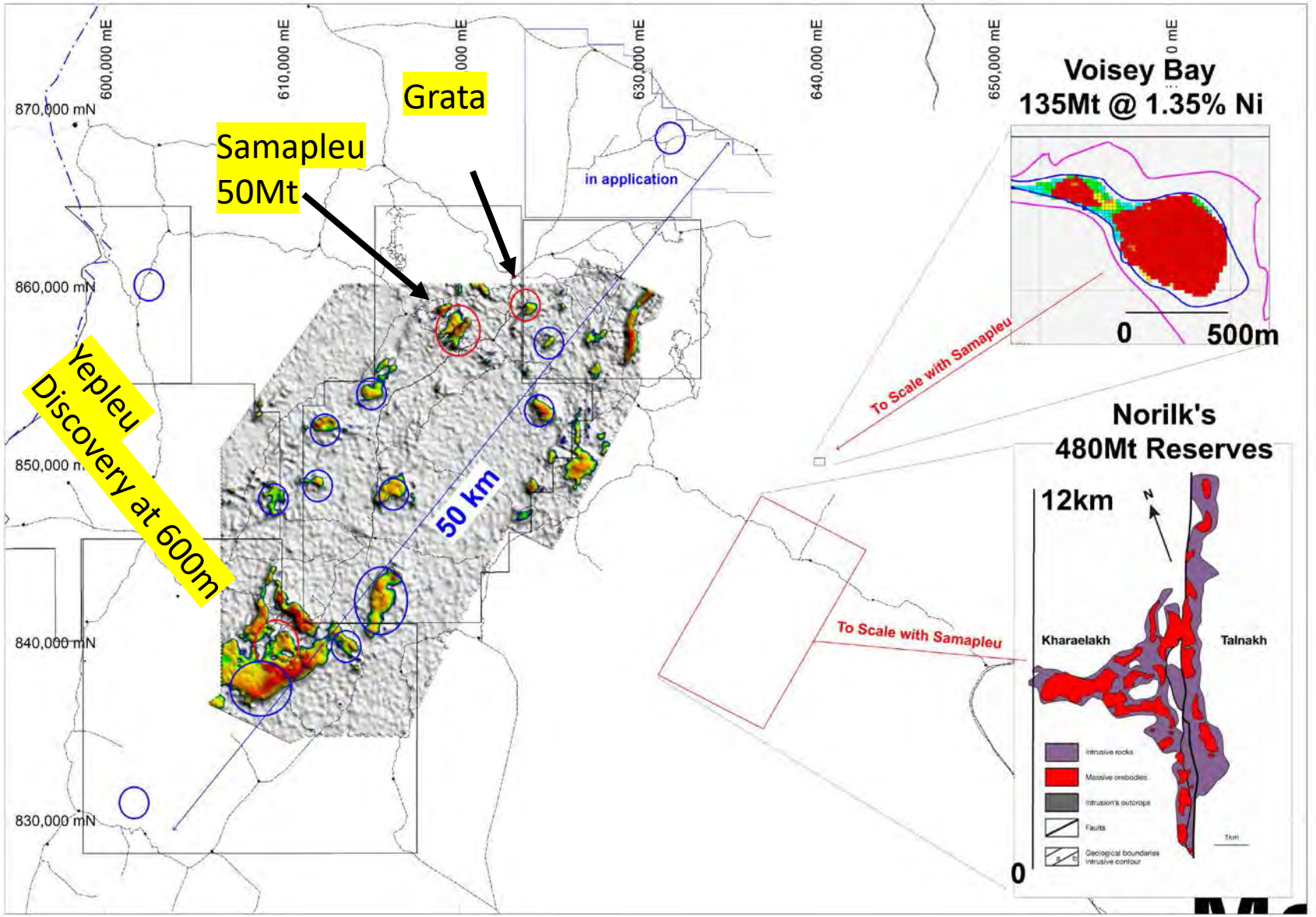
Newly discovered mineralized gossan in virgin territory

- Ni-Cu and Scandium Gossan at surface
- Large district in a virgin territory (never explored before) at only 5 hours driving from Montréal
- 609km-line drone-Magnetometer survey completed in 2021
- 1,444 line-km Helitem^2 survey completed
- Ground IP and EM completed over Helitem2 main anomalies.
- Phase 1 drilling planned for May-June 2023

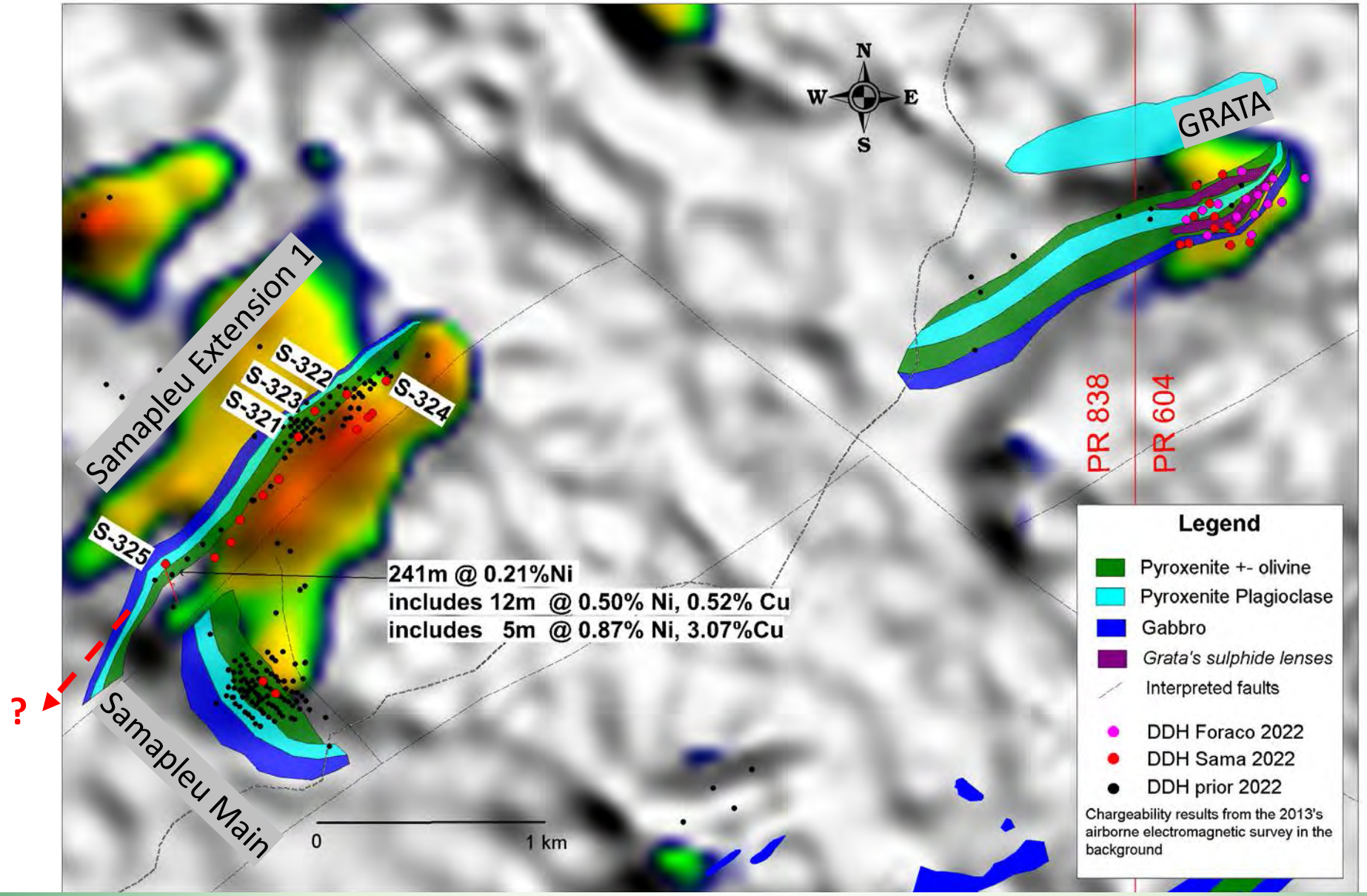
Evolving West African Mining District: Côte d'Ivoire, Guinea & Liberia



SAMAPLEU VERSUS NORILSK'S & VOISEY BAY



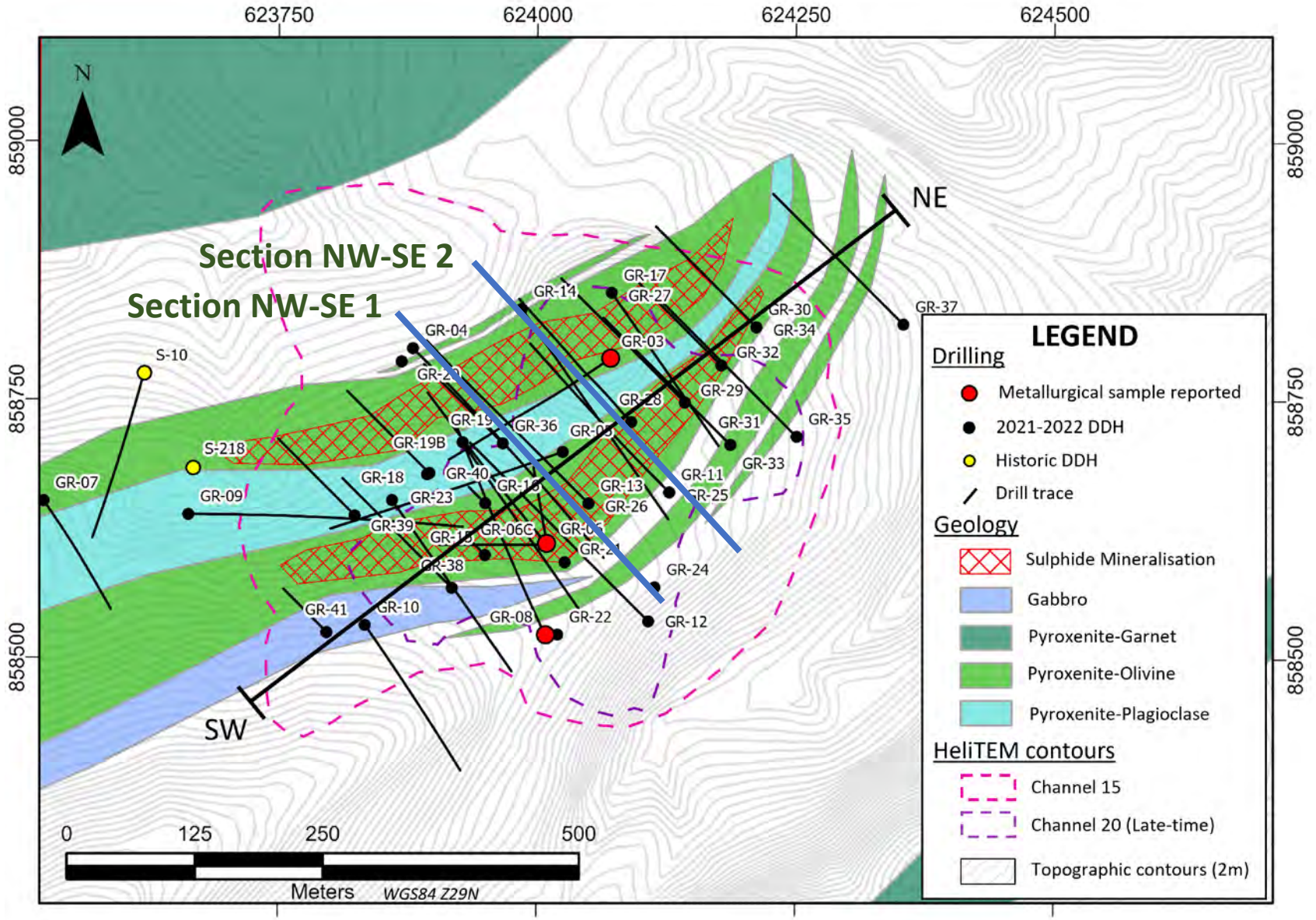
Samapleu & Grata new discovery zone



8.0 m (combined) of massive sulphide grading 4.08% Nickel, 2.43% Copper & 2.92 gpt palladium starting 60.1m from surface

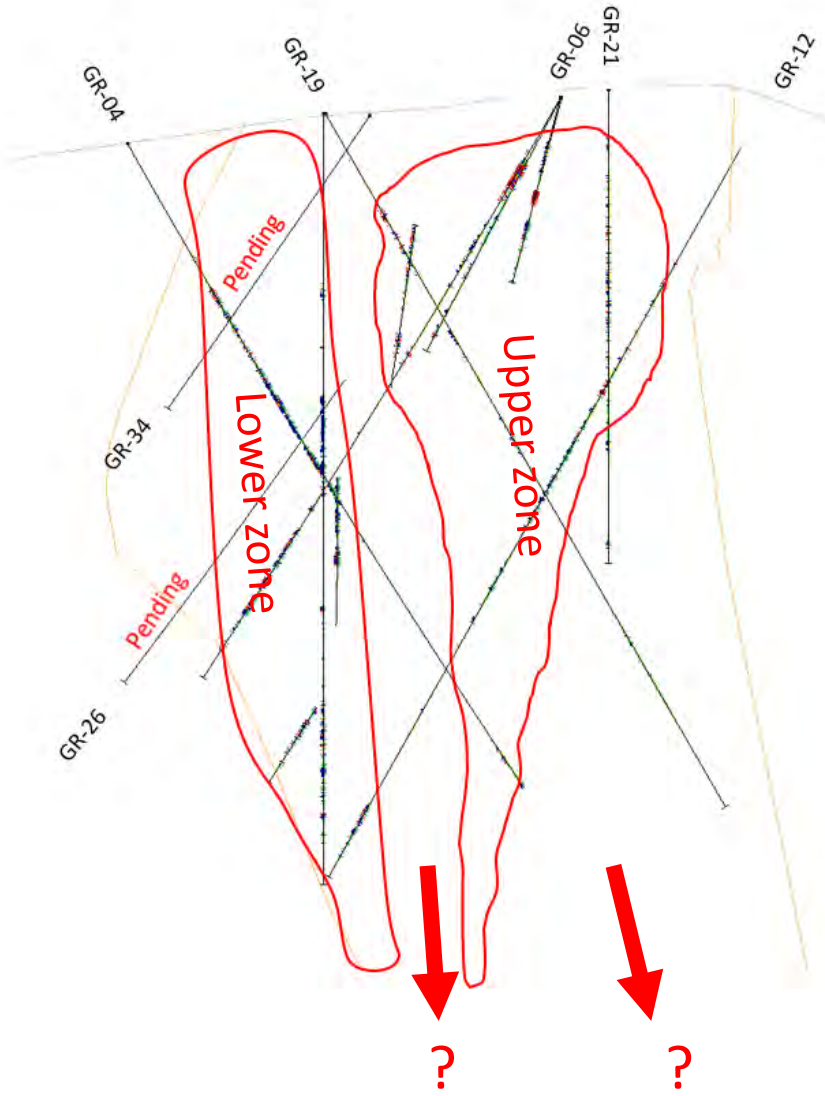
Part of a 54 m of mineralized pyroxenite 0.96% Nickel, 0.76% Copper & 0.74 gpt Palladium

Grata: New discovery zone

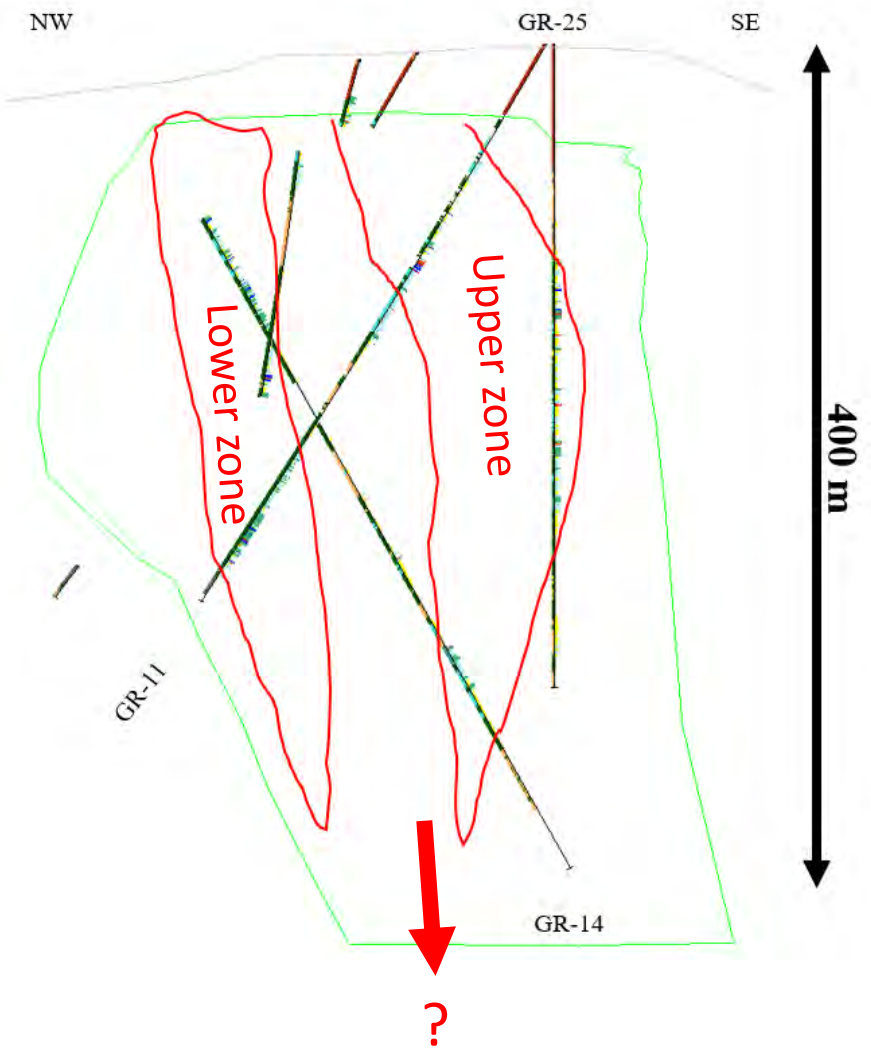


Grata:

Section NW-SE 1



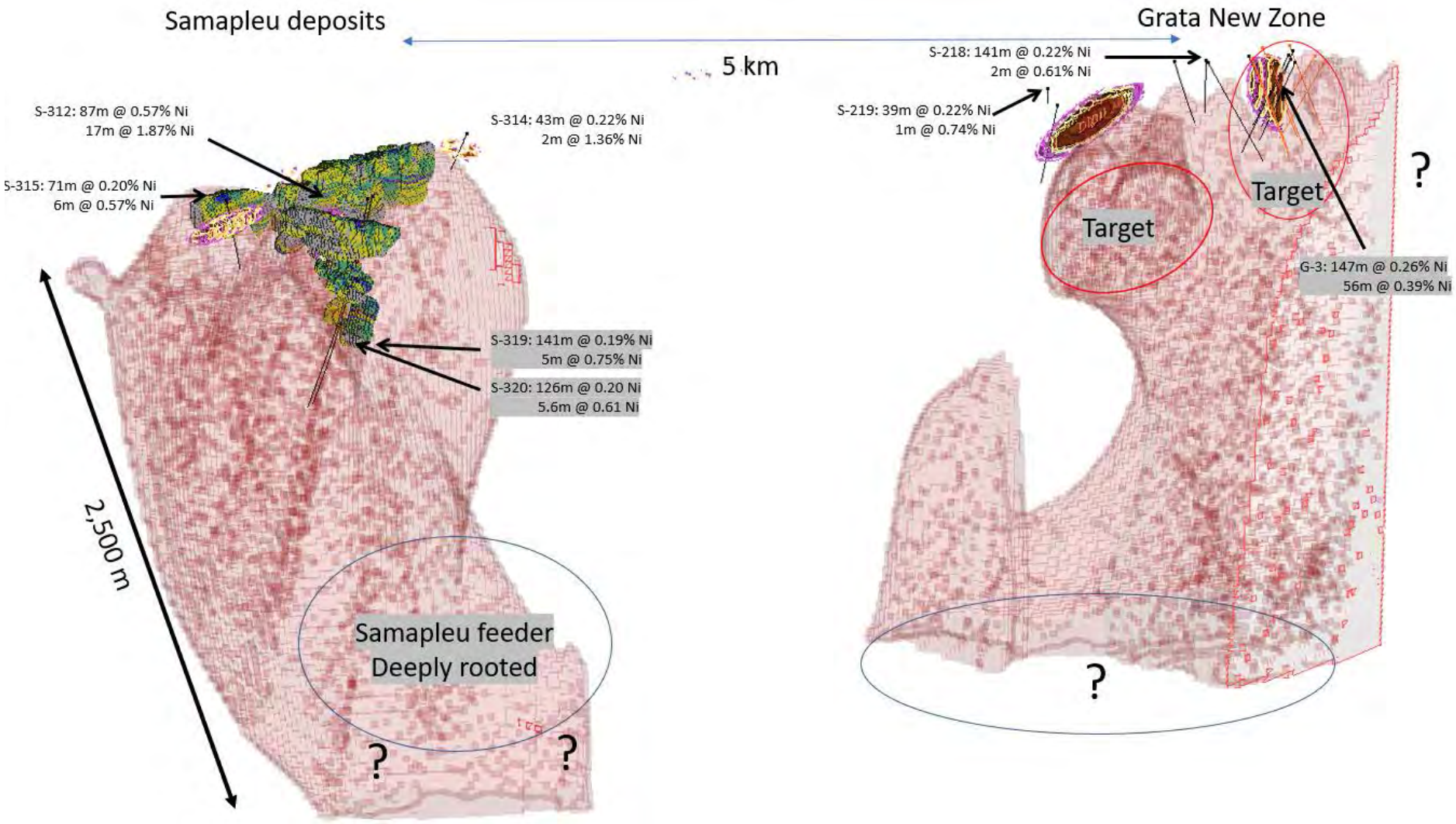
Section NW-SE 2



Grata: New discovery: Highlights DDH

- GR-03 intersected 147 m at 0.26% Ni, 0.29% Cu and 0.25 gpt Pd
  including 56.00 m at 0.39% Ni, 0.45% Cu and 0.33 gpt Pd
- GR-04 intersected 141 m at 0.38% Ni and 0.37% Cu
  including 6.40 m grading 1.05% Ni, 1.28% Cu and 0.48 gpt Pd
  including 6.60 m grading 0.73% Ni, 0.38% Cu and 0.30 gpt Pd
- GR-05 intersected 117 m at 0.29% Ni, 0.31% Cu & 0.42 gpt Pd
- GR-06 intersected 128 m at 0.30% Ni, 0.35% Cu & 0.47 gpt Pd
  including 14.00m @ 0.86% Ni, 1.49% Cu & 1.38 gpt Pd
- GR-06B intersected 60 m at 0.36% Ni, 0.40% Cu, 0.53 gpt Pd
  including 7.70m at 1.28%Ni, 1.45% Cu and 1.92 gpt Pd
- GR-06C intersected 116 m at 0.26% Ni, 0.25% Cu, 0.62 gpt Pd
  including 9.05m at 0.81%Ni, 0.84% Cu and 1.03 gpt Pd
- GR-07 intersected 22 m at 0.41% Ni, 0.28% Cu & 0.43 gpt Pd
- GR-08 intersected 298 m at 0.24% Ni, 0.20% Cu, 0.23 gpt Pd including:
  including 2.85 m at 1.68%Ni, 1.28% Cu and 1.12 gpt Pd
  including 4.25 m at 0.82%Ni, 0.55% Cu and 0.56 gpt Pd
  including 2.65 m at 1.47%Ni, 1.82% Cu and 1.19 gpt Pd
- GR-11 intersected 212 m at 0.28% Ni, 0.30% Cu & 0.32 gpt Pd
  including 8.20m at 0.84% Ni, 1.10% Cu & 1.24 gpt Pd
  numerous narrow massive and semi-massive stringers
- GR-12 intersected 239 m at 0.30% Ni
  including 8.50 m at 0.86% Ni, 0.79% Cu and 1.0 gpt Pd
- GR-15 intercepted 199 m at 0.30% Ni, 0.30% Cu
  including 3.40 m at 1.48% Ni, 1.85% Cu and 2.11 gpt Pd
  and a combined of 12.10 m at 0.83% Ni, 0.82% Cu and 0.79 gpt Pd
- GR-17 intercepted 303 m at 0.28% Ni, 0.28% Cu
  including 8.10 m at 1.00% Ni, 0.81% Cu and 1.13 gpt Pd
- GR-18 intercepted 146 m at 0.17% Ni, 0.13% Cu
  including 0.95 m at 1.01% Ni, 1.14% Cu and 0.78 gpt Pd
- GR-19 intercepted 233 m at 0.19% Ni, 0.17% Cu
  including 3.25 m at 0.98% Ni, 0.90% Cu and 1.61 gpt Pd
- GR-21 intercepted 198 m at 0.27% Ni, 0.29% Cu
  including 11.85 m at 0.82% Ni, 0.68% Cu and 0.99 gpt Pd
  including 3.80 m at 0.84% Ni, 1.00% Cu and 1.03 gpt Pd
  including 3.65 m at 0.62% Ni, 2.05% Cu and 1.30 gpt Pd
- GR-22 intercepted 51 m at 0.25% Ni, 0.32% Cu
  including 4.55 m at 0.82% Ni, 0.73% Cu and 0.92 gpt Pd
- GR-23 intersected 135 m at 0.12% Ni, 0.05% Cu and 0.05 gpt Pd
- GR- 24 intersected 69 m at 0.21% Ni, 0.25% Cu and 0.35 gpt Pd
- GR-25 intersected 180 m at 0.22% Ni, 0.26% Cu and 0.34 gpt Pd
  including 37.40 m at 0.24% Ni, 0.45% Cu and 0.54 gpt Pd
- GR-26 intersected 188 m at 0.26% Ni, 0.26% Cu and 0.31 gpt Pd
  including 80.75 m at 0.33% Ni, 0.40% Cu and 0.30 gpt Pd
  including 3.45 m at 1.45% Ni, 1.19% Cu and 1.16 gpt Pd
- GR-27 : Results pending
- GR-28 intersected 194 m at 0.26% Ni, 0.28% Cu and 0.21 gpt Pd
  including 97.85 m at 0.30% Ni, 0.34% Cu and 0.24 gpt Pd
- GR-29 intersected 140 m at 0.35% Ni, 0.32% Cu and 0.32 gpt Pd
  including 24.15 m at 0.34% Ni, 0.40% Cu and 0.43 gpt Pd
  including 33.35 m at 0.33% Ni, 0.30% Cu and 0.25 gpt Pd
  including 50.55 m at 0.45% Ni, 0.37% Cu and 0.42 gpt Pd
- GR-30 : Results pending
- GR-31 intersected 171 m at 0.27% Ni, 0.24% Cu and 0.23 gpt Pd
- GR-32 intersected 138 m at 0.26% Ni, 0.21% Cu and 0.30 gpt Pd
- GR-33 : Results pending
- GR-34 : Results pending
- GR-35 intersected 132 m at 0.27% Ni, 0.36% Cu and 0.23 gpt Pd
  including 12.40 m at 0.39% Ni, 0.53% Cu and 0.44 gpt Pd
  including 78.50 m at 0.27% Ni, 0.42% Cu and 0.25 gpt Pd
- GR-36 intersected 89 m at 0.3% Ni, 0.34% Cu and 0.26 gpt Pd
  including 49.80 m at 0.35% Ni, 0.40% Cu and 0.29 gpt Pd
- GR-37 : Results pending
- GR-38 intersected 103 m at 0.21% Ni
- GR-39 : Results pending
- GR-40 : Results pending
- GR-41 : Results pending

SAMAPLEU & GRATA DRILLING 2021-22: 66 DDH FOR 20,536M



SAMAPLEU & GRATA METALLURGY UPDATE AND PROPOSED PEA UPDATE

Metallurgical testwork results for the combined Grata and Samapleu deposits are very good.

These metallurgical test work are designed to support the upcoming 2023 revised Preliminary Economic Assessment for the combined Samapleu-Grata open pits operation.

Highlights:

- Producing high-grade nickel and copper concentrates.
  - Copper recovery of **90.5%** to a copper concentrate grading **24.8% copper**, 1.7 g/t platinum and 6.9 g/t palladium.
  - Nickel recovery of **64.2%** to a nickel concentrate grading **13.9% nickel**, 2.2 g/t platinum, 8.1 g/t palladium and 0.59% cobalt.
- These concentrates contain attractive nickel and copper grades for sale to smelters and are anticipated to contain payable amounts of platinum, palladium and cobalt.
- The flotation scheme offers an opportunity to greatly simplify processing at the Samapleu-Grata deposits

Metallurgical Testing Composite Head Assays

Composite	Nickel (%)	Copper (%)	Cobalt (%)	Platinum (g/t)	Palladium (g/t)
Grata	0.36	0.48	0.02	0.07	0.57
Samapleu Main	0.31	0.30	0.02	0.19	0.33

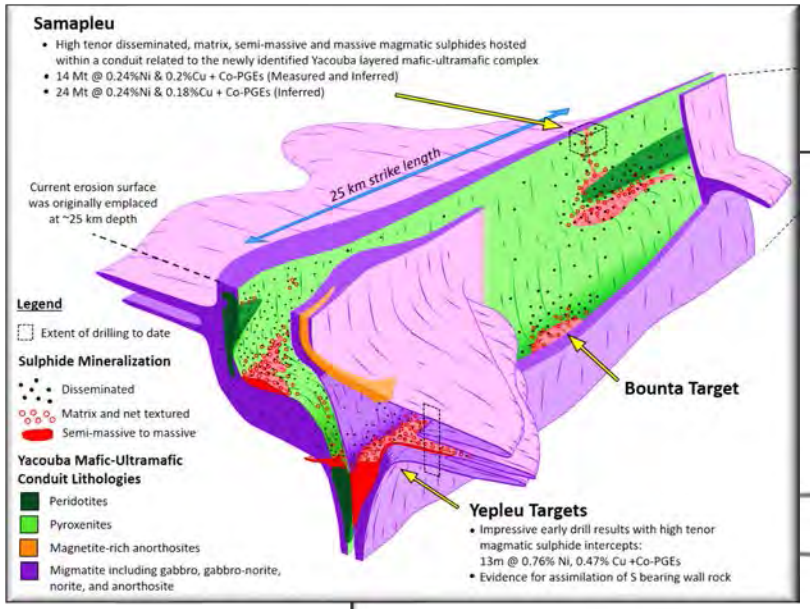
Grata Locked Cycle Test #2 Metallurgical Performance Projection

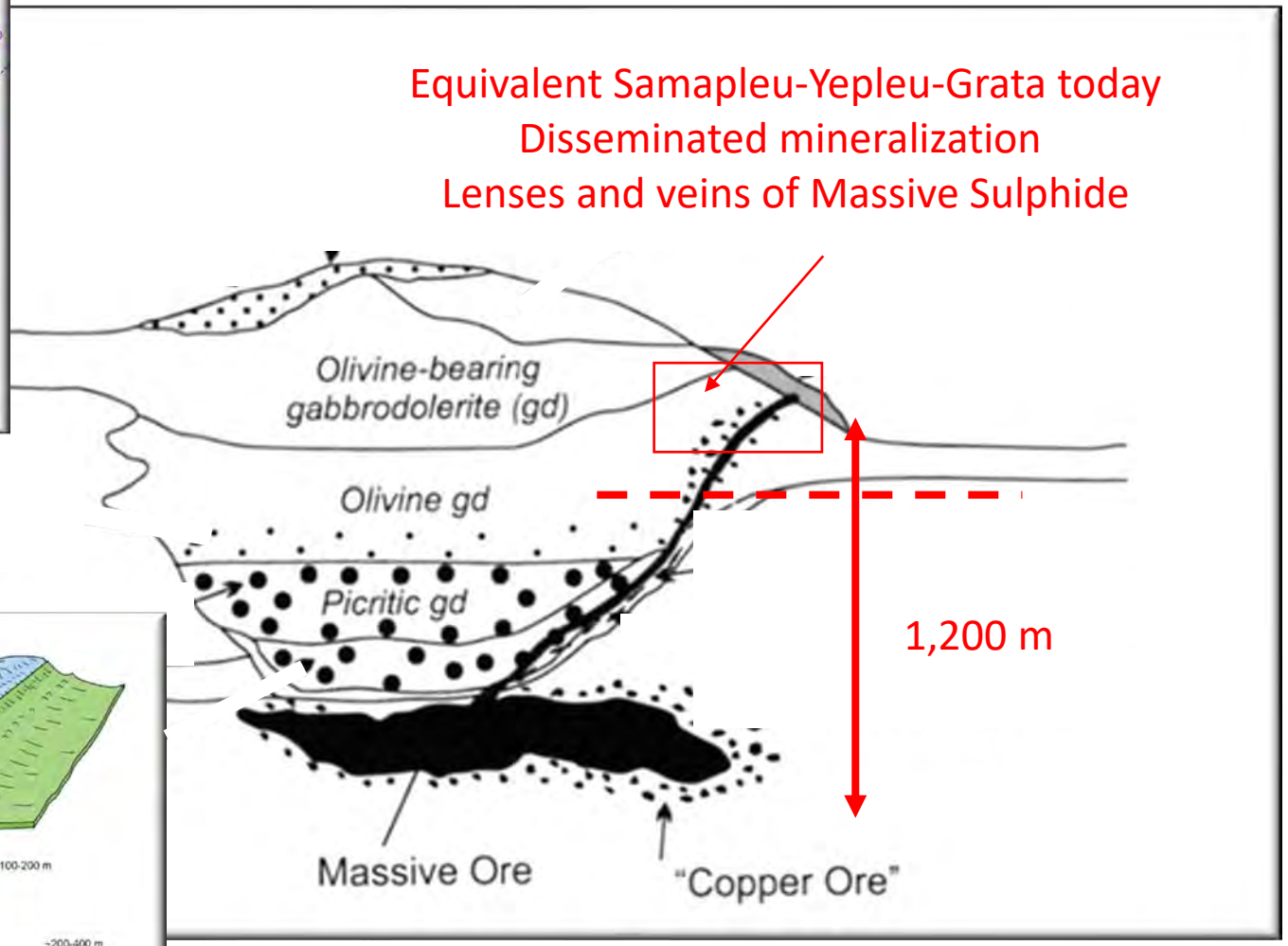
	Concentrate grade, %			Recovery, %		
	Copper	Nickel	Cobalt	Copper	Nickel	Cobalt
Copper concentrate	25	0.98	0.04	91	4.5	3.6
Nickel concentrate	0.8	14	0.59	2.8	64	55

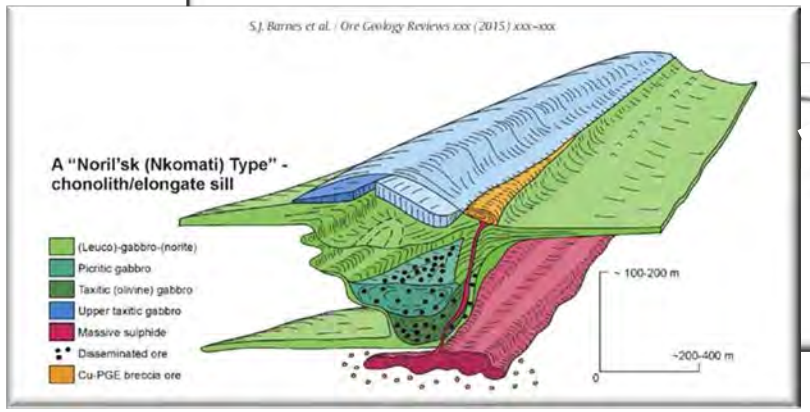
Samapleu Main Batch Test F-35 Metallurgical Performance

	Concentrate grade, %			Recovery, %		
	Copper	Nickel	Cobalt	Copper	Nickel	Cobalt
Copper concentrate	25.6	0.82	0.03	85	2.3	1.8
Nickel concentrate	0.72	13	0.53	4.2	64	48

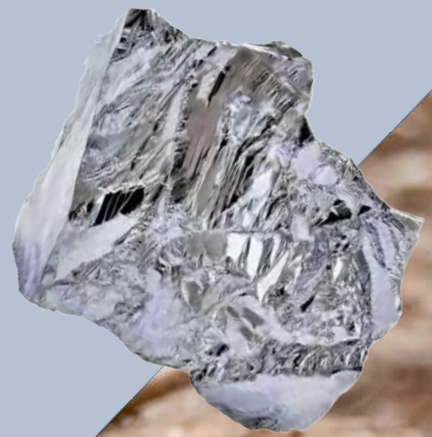
Analogy: Norilsk (2,216 Mt at 0.78% Ni, 1.38% Cu)







SRQ



A CANADIAN NICKEL POWER PLAY

SAMA
RESOURCES
QUEBEC

HIGHLIGHTS

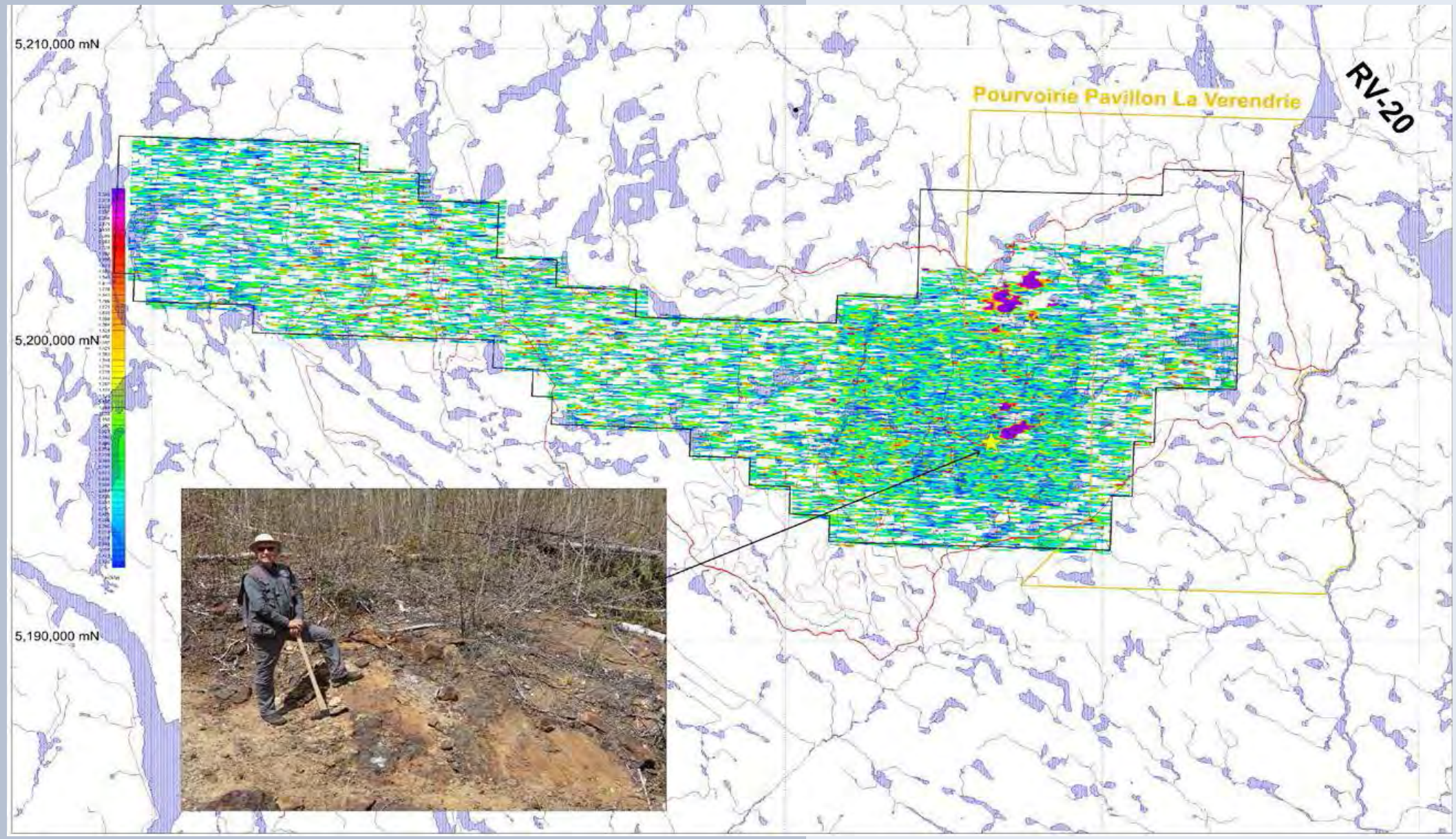
- Québec-focused base metal exploration play
- Rapidly advancing the near-surface, drill-ready Lac Brulé Ni-Cu project
- Drill targets informed by comprehensive geophysics programs (ground & airborne EM surveys, plus IP survey)
  - Regional compilation suggests a 160-km long deformation pattern combined with an intense, isolated gravity high
  - Mineralized magmatic pyroxenite intruding garnet-rich amphibolite
- Veteran management and board
- Prospective 230 km² virgin Lac Brulé exploration property located in underexplored area of mining-friendly Québec

OPTIMAL LOCATION

SAMA RESOURCES QUEBEC

- Prospective, underexplored area of Northern Laurentians, Québec
- Located 50Km ESE of the Renzy historical Ni-Cu Mine
- Year-round easy access from Ottawa & Montréal (350km) on existing roads
- Québec is a top 6 global mining jurisdiction (Fraser Institute 2021)
- Exploration camp equipped for local & satellite communications including VSAT and Internet

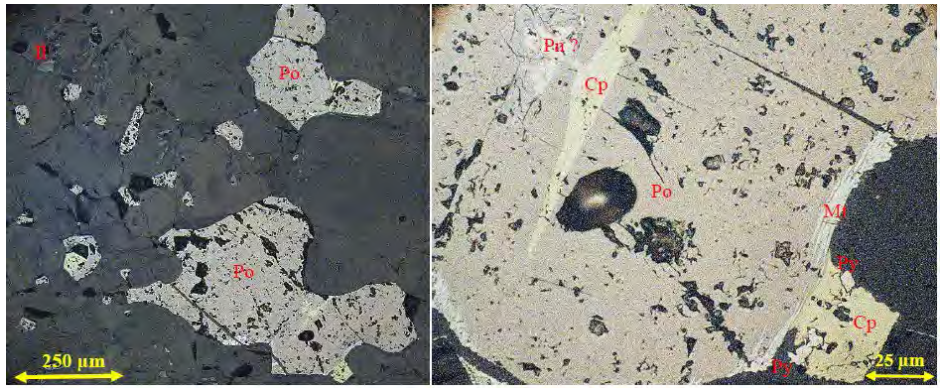
December 2021 AIRBORNE HELITEM2 RESULTS : Late channels

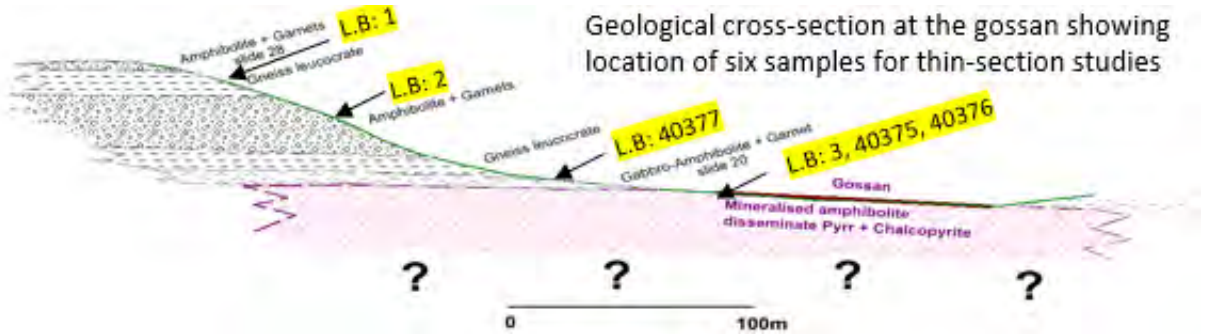


PROSPECTIVE LAC BRULÉ

- Gossan exposed at surface over 65m & traced over 430m of strike
- Gossan is part of a regional 160-km long deformation pattern coupled with an intense isolated gravity high
  - Highest conductivity grade & conductivity-thickness-product measured next to gossan (2021 HELITEM^2)
- Drill targets defined & scheduled for Q1-2023

GOSSAN PETROLOGICAL DETERMINATION





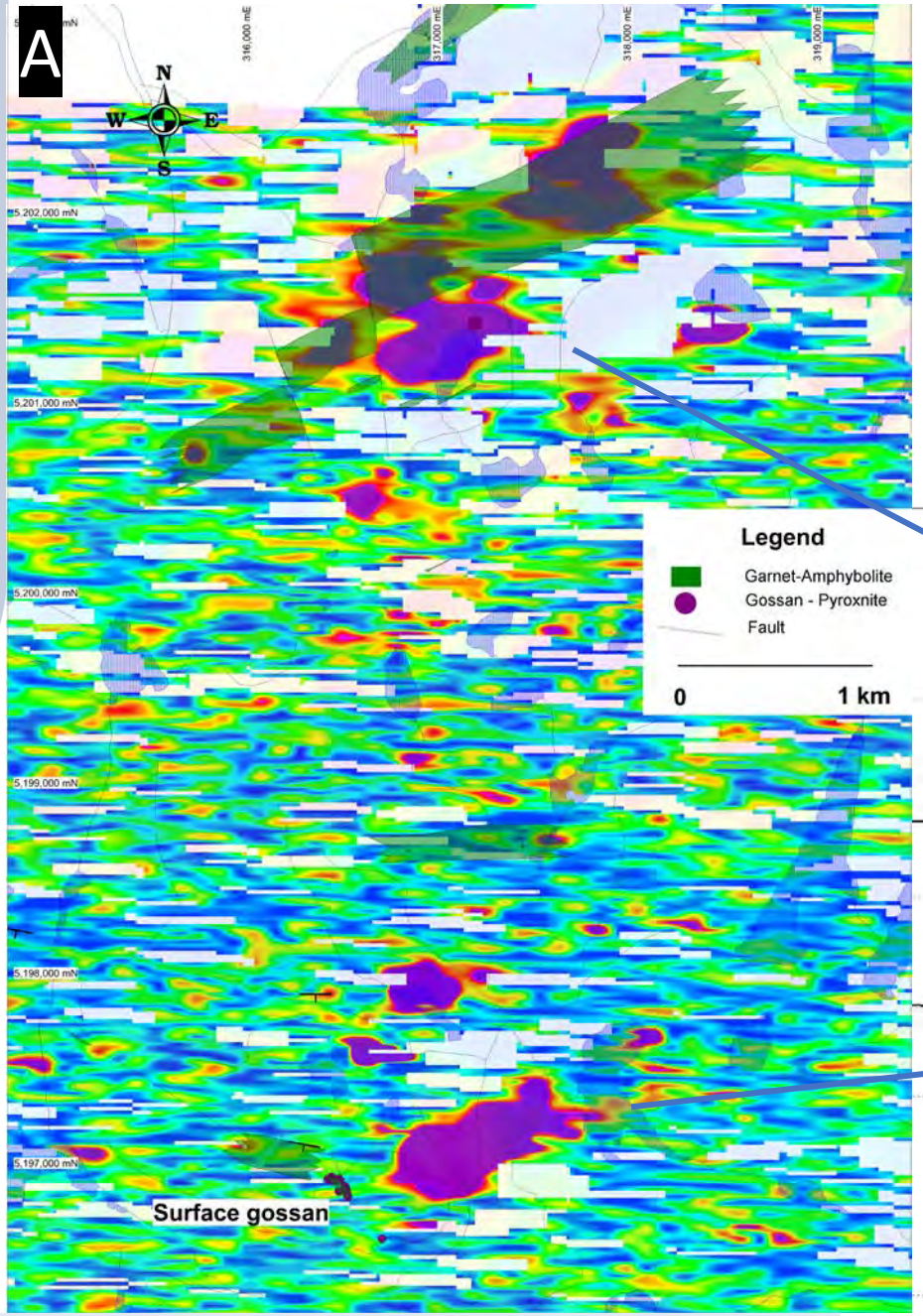
"The nature of rocks at the [Lac Brulé] gossan suggests a magmatic mineralised pyroxenitic intrusion younger than its garnet-rich amphibolite host. This magmatic pyroxenite shows a strong similarity to the magmatic pyroxenite at the Renzy Mine, a former Ni-Cu producer. At the Lac Renzy Mine, the pyroxenite intrudes garnet-rich amphibolite."

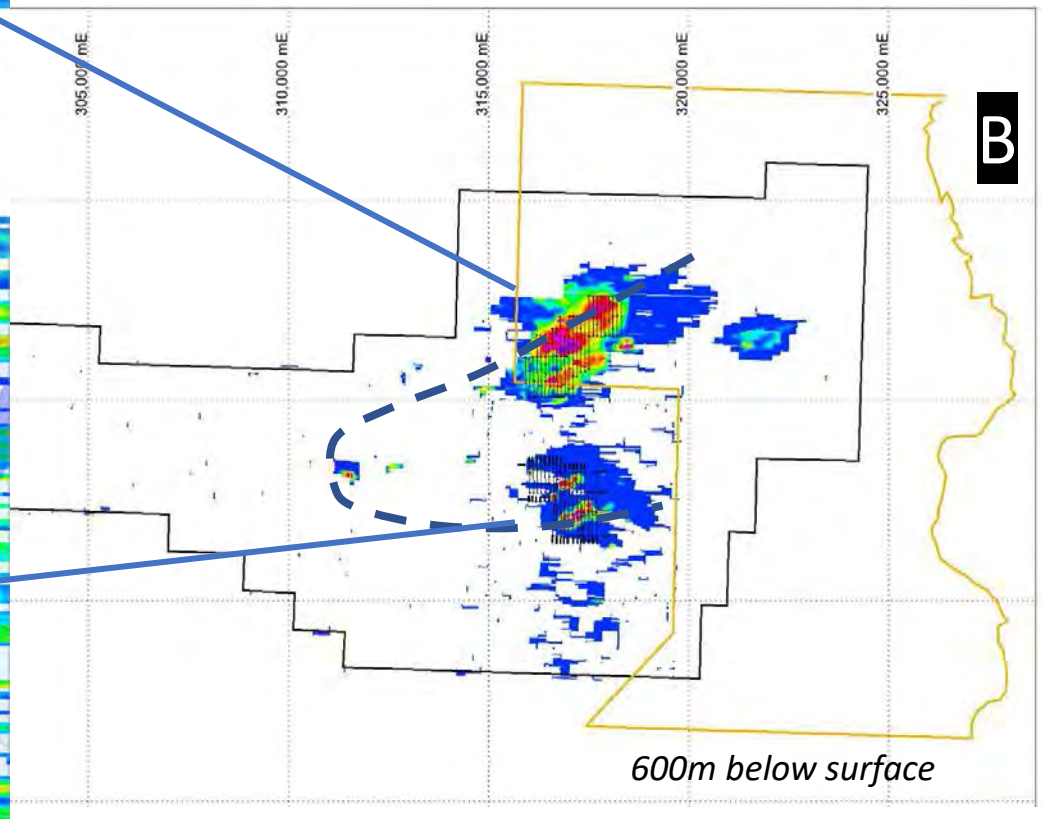
1,494-LINE KM HELITEM SURVEY DEFINED TWO MAIN AREAS

- A: High-conductivity zones defined by airborne HELITEM^2 (Dec 2021)

  Target zones start at 175m below surface

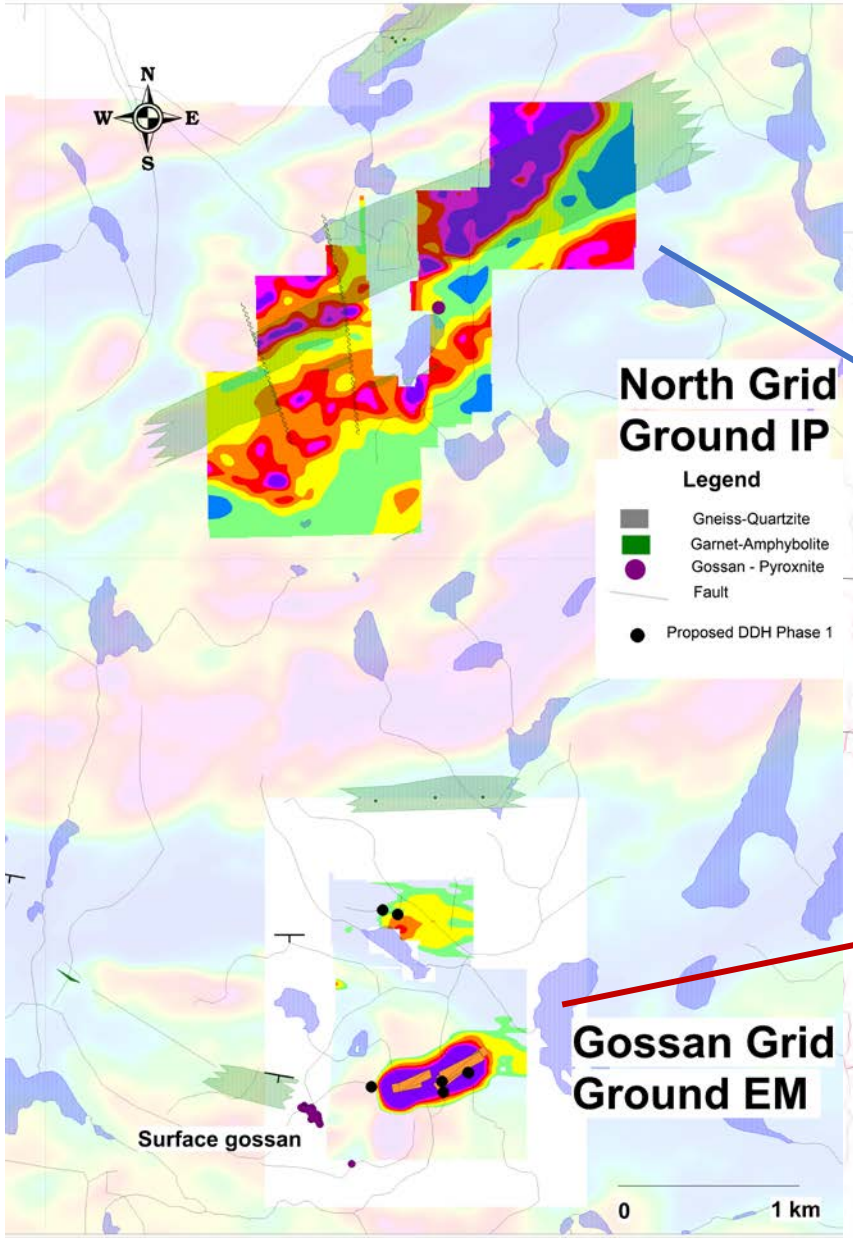
- B: HELITEM^2 extrapolated responses to 600m below surface & along a 10km-long folded amphibolite unit

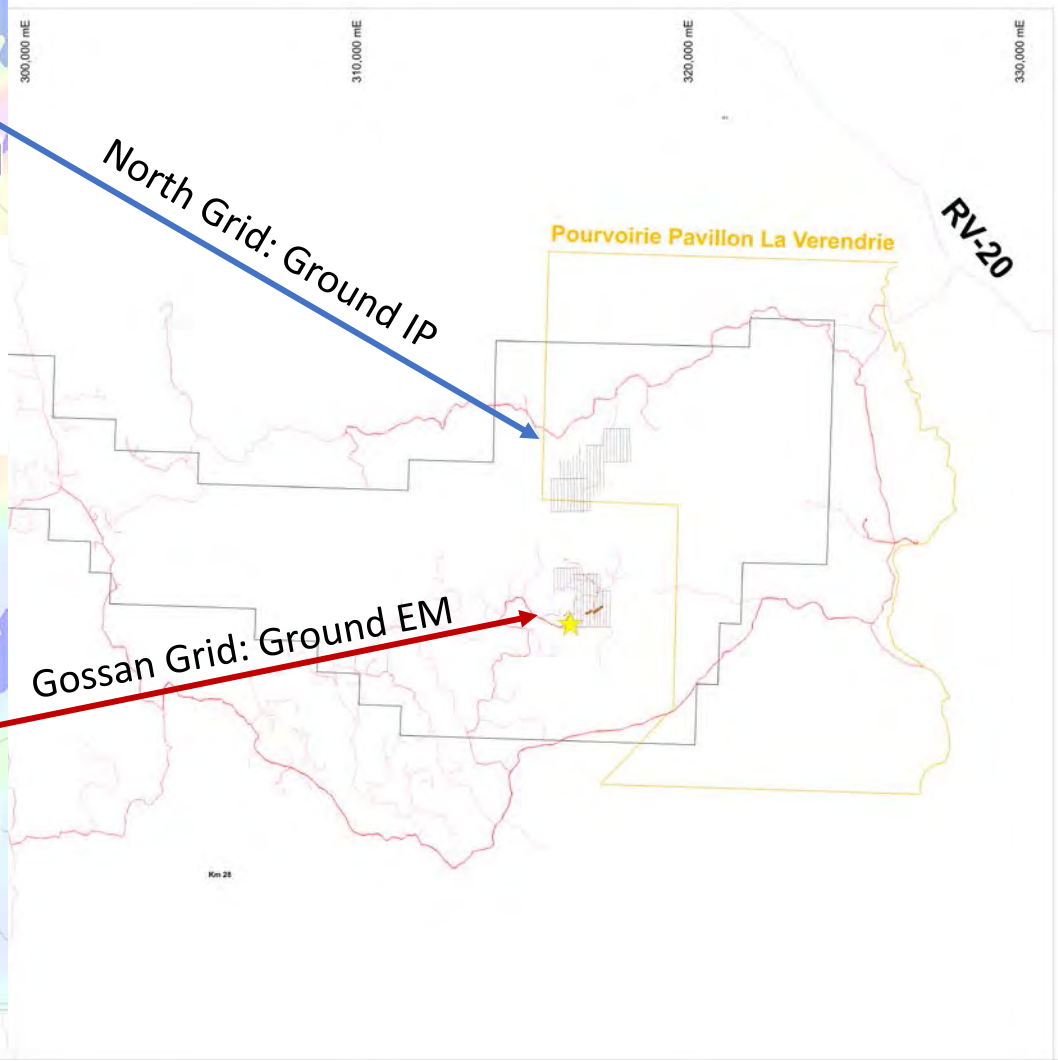




2022 GROUND EM AND IP SURVEY OVER TWO PROSPECTIVE AREAS

- Gossan zone
- North zone

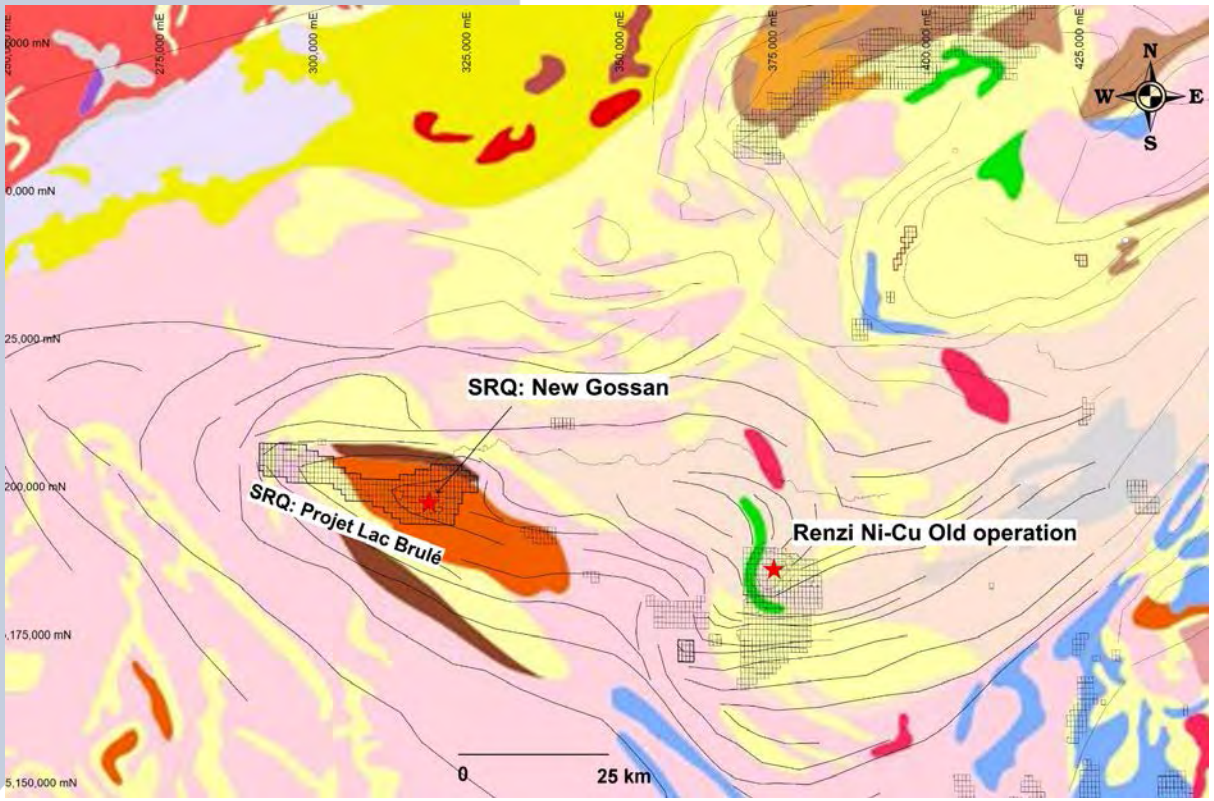




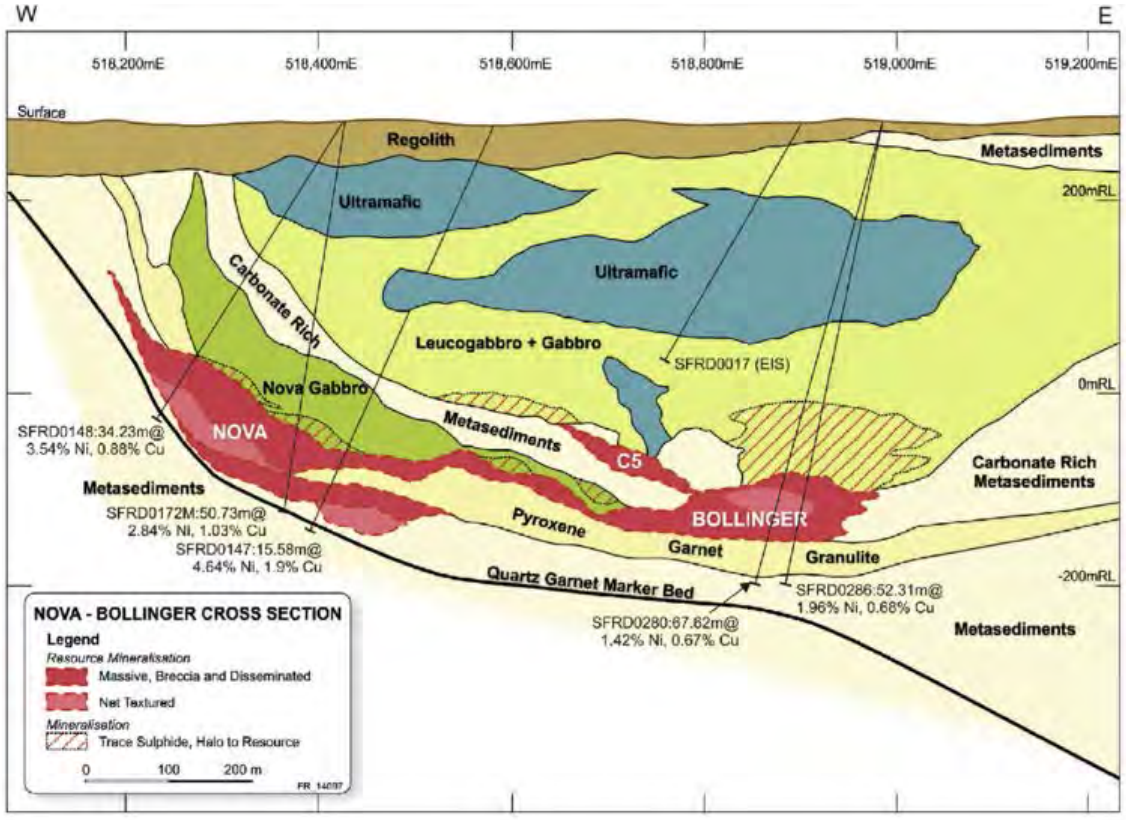
LAC BRULÉ PROJECT ANALOGY

Analogy with the Nova Bollinger Ni-Cu deposit (13Mt @ 2.0% Ni & 0.8% Cu) recently discovered in Australia in a similar geological environment i.e., Greenville-type metamorphism with sub-horizontal layering.

Lac Brulé Project



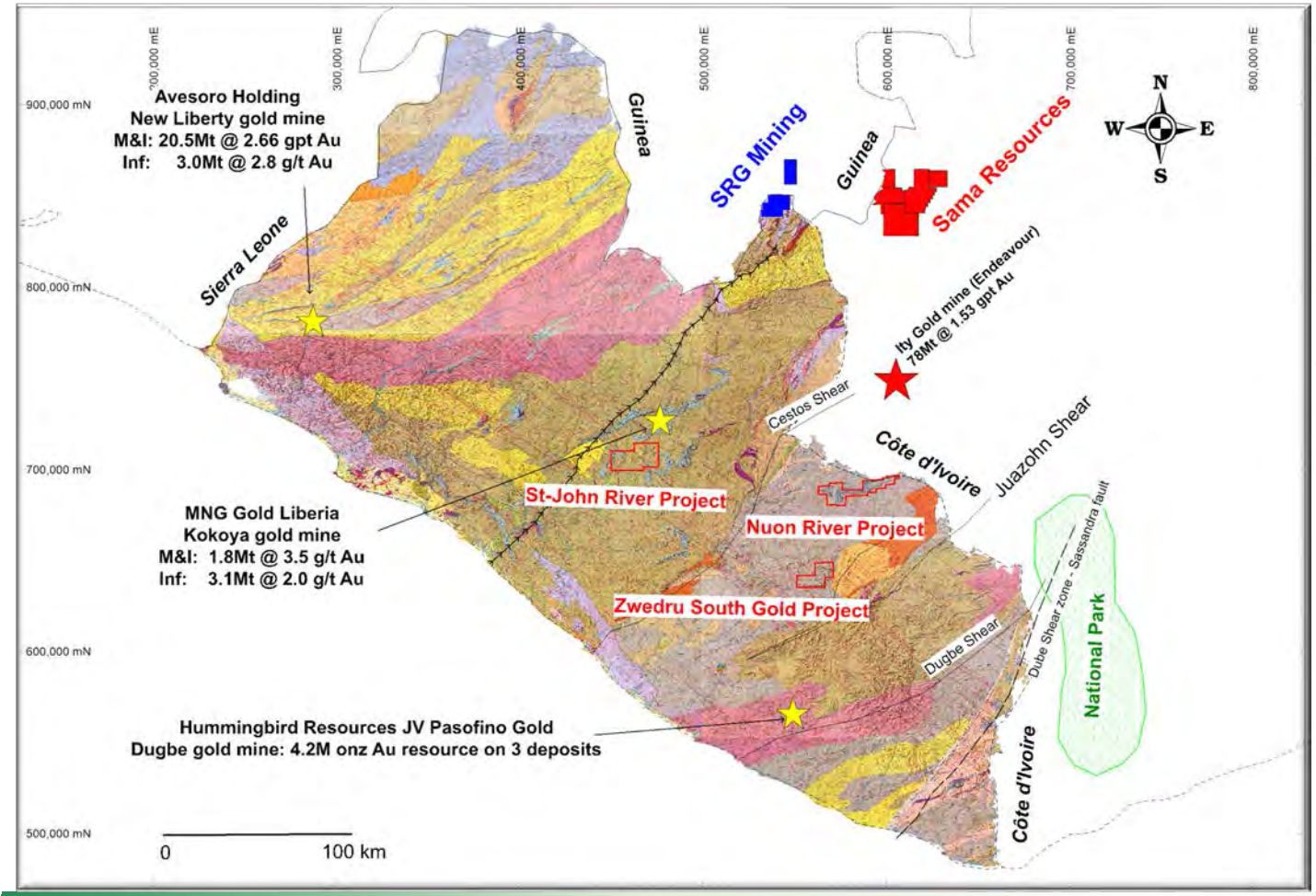
Nova Bollinger Ni-Cu Deposit, Australia

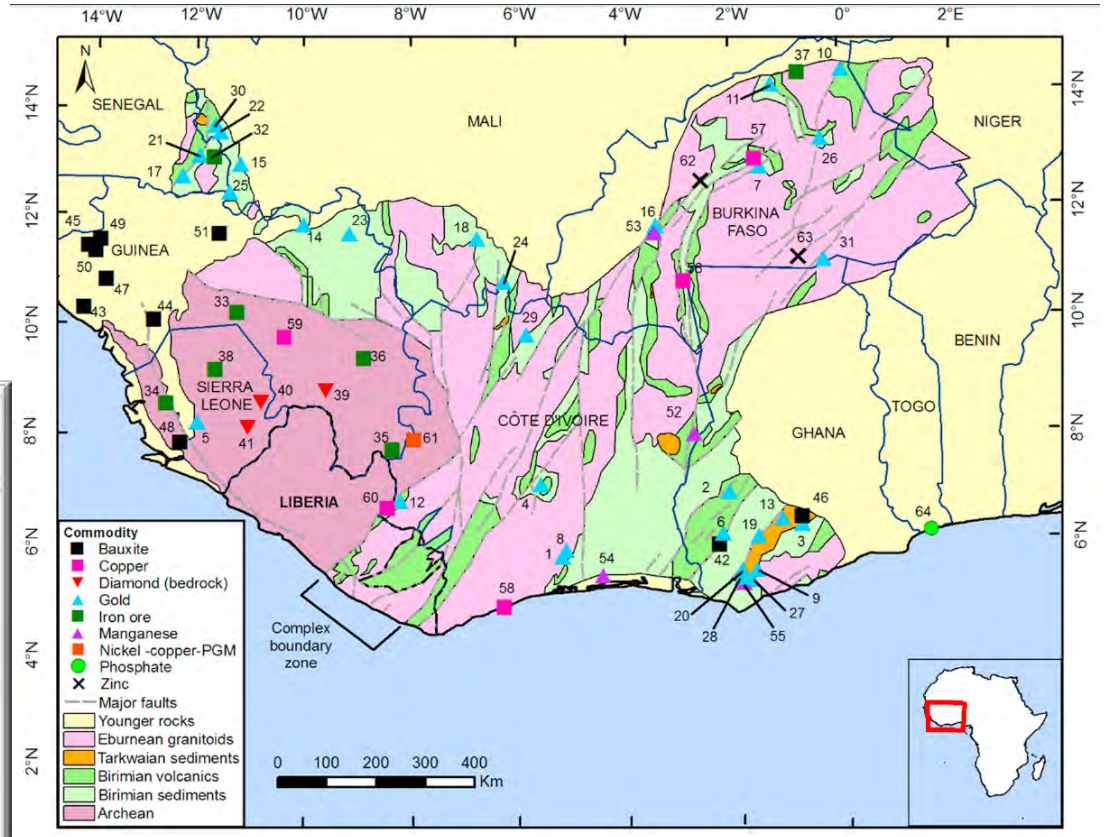


Liberia

The Last Frontier

Mining Focused





West African craton hosts numerous world-class gold deposits.
Up to 450Moz in global resources.

It is the largest Paleoproterozoic gold-producing region in the world

Zwedru South

Exploration License Area
175 km²

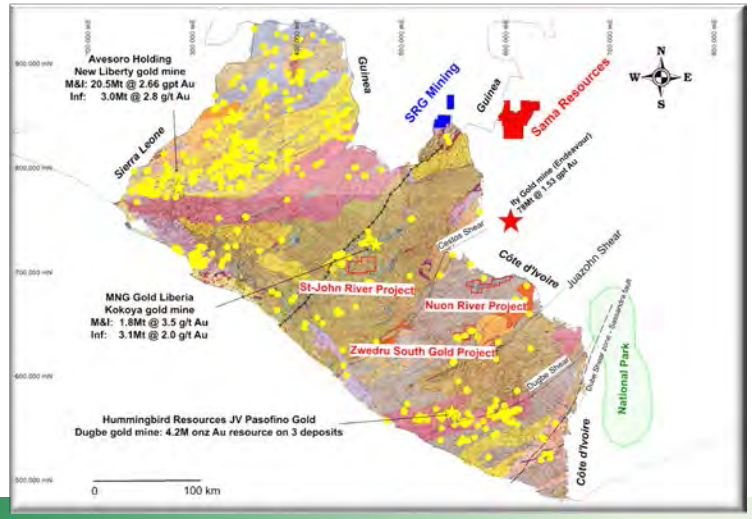
Geological potential

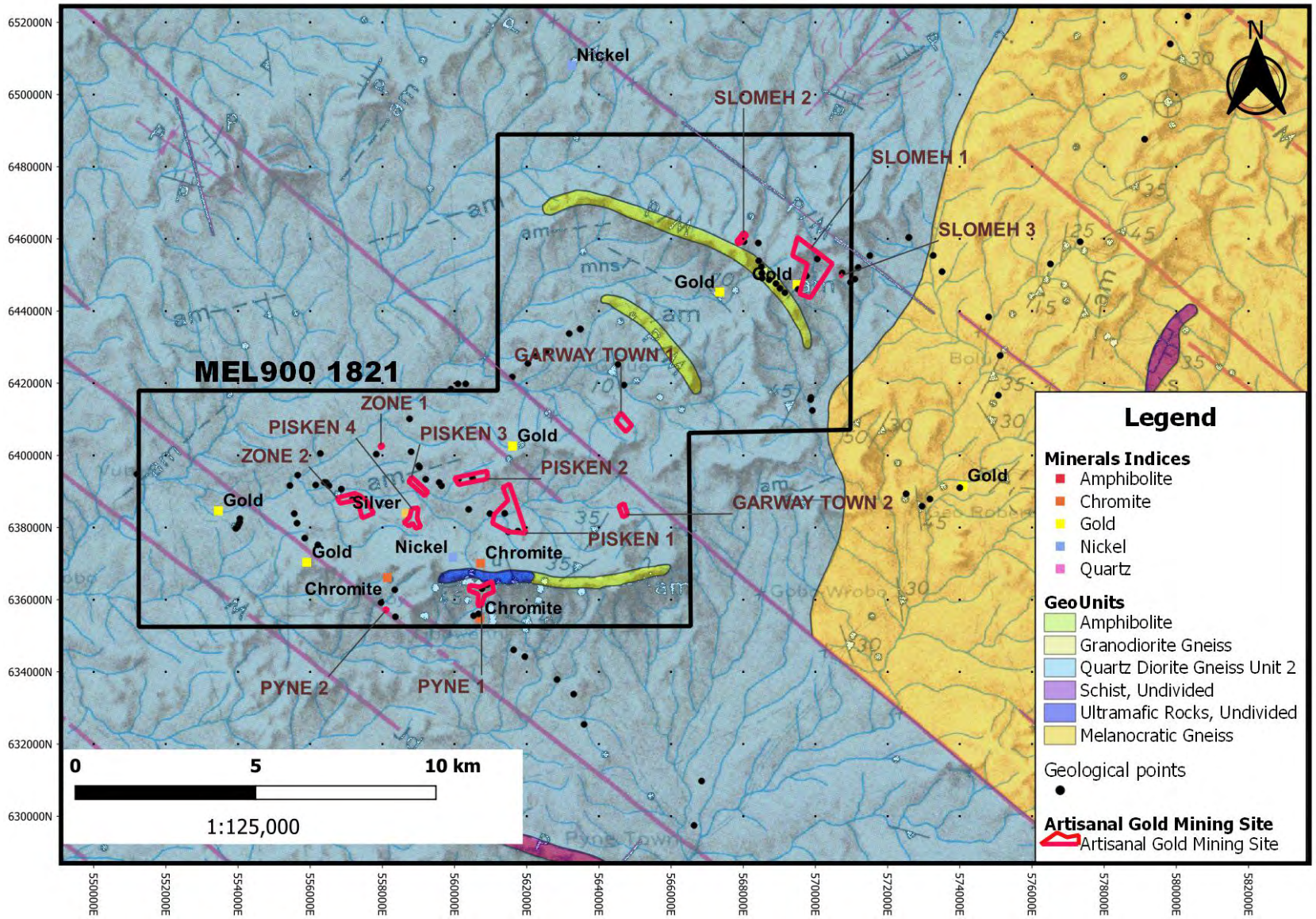
Significant alluvial and saprolite artisanal gold mining activity were identified in the surroundings.

Fives gold occurrences are reported by USGS within the boundary of the exploration permit.

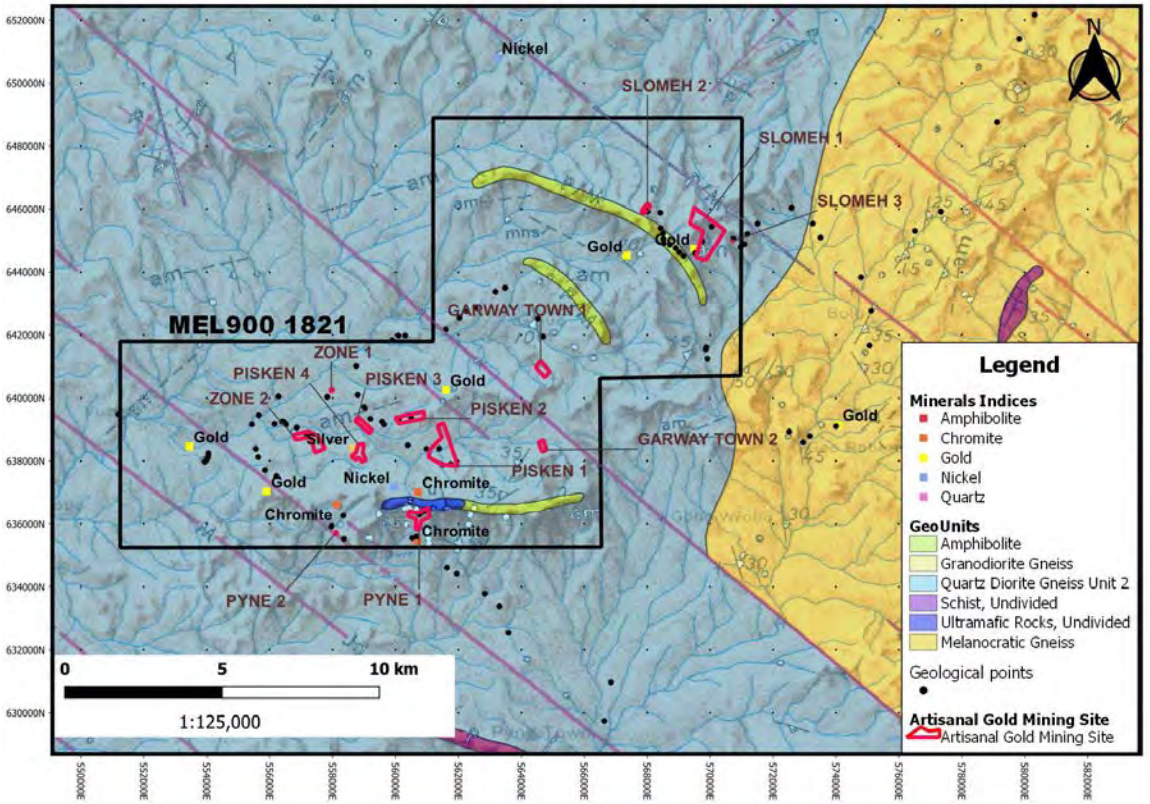
Ease of Access

The Zwedru South Gold Belt property is located 40 km south of the town of Zwedru and close to the road linking Zwedru to Greenville.





Zwedru South: 13 surface gold zones identified



2023

- Pitting program
- Geological – mapping over all known gold occurrences – Was never mapped before.

St-John River

Exploration License Area

330 km²

Geological potentiel

Significant alluvial and saprolite artisanal gold mining activity were identified in the surroundings.

Few km south to the Kokoya gold mine

MNG Gold Liberia

Kokoya gold mine

M&I: 1.8Mt @ 3.5 g/t Au

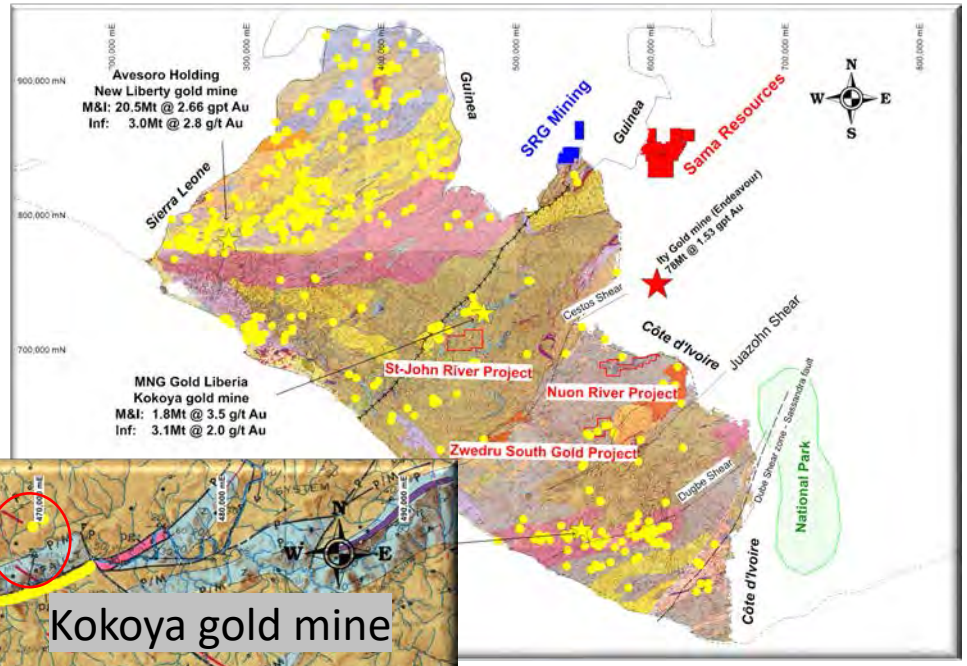
Inf: 3.1Mt @ 2.0 g/t Au

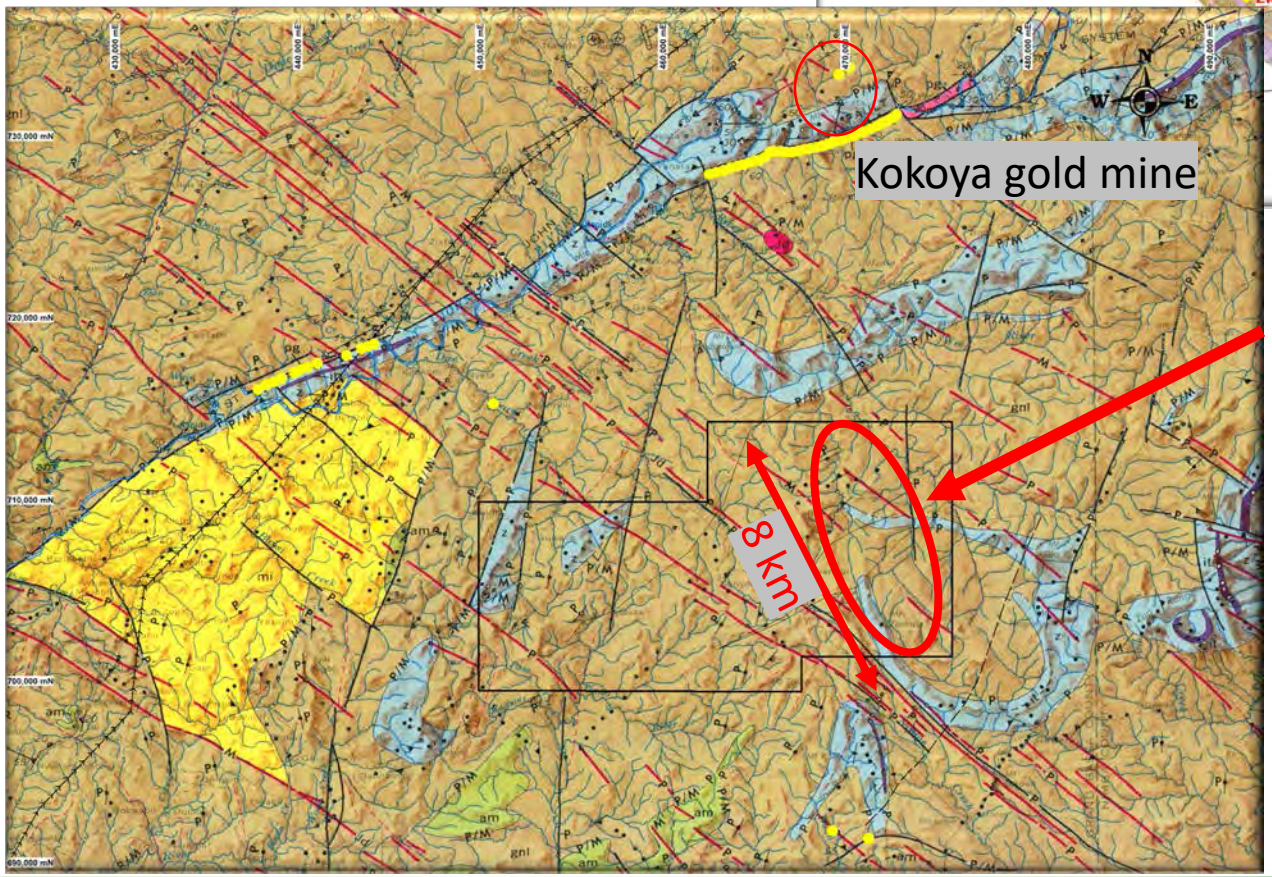
Ease of Access

The St-John River Gold property is located 90 km NE of Buchanan and close to the railway linking Buchanan and Mont-Nimba

2022-23

- Soil sampling ongoing
- Pitting program ongoing
- Geological – mapping ongoing





Highly prospective zone

CSR Commitment:

"SAMA Resources through its African subsidiaries recognizes the pursuit of economic growth through employment creation and income generation"

- Provide reasonable working conditions and terms of employment;
- Comply with national law;
- Not make employment decisions on the basis of personal characteristics like gender, ethnic or religion;
- Base the employment on the principle of equality and fair treatment;
- Not to employ children (all persons under the age of 18) in any manner that is economically exploitative;
- Provide a safe and healthy work environment.

Sama Resources Inc.

Discovering Nickel-Copper-Palladium Districts Worldwide

Thank you