

BUILDING EUROPE'S NEXT GOLD CAMP

**March 2025** 

50 2025

# **Cautionary Statement**



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### **TECHNICAL REPORTS**

This presentation includes disclosure of scientific and technical information concerning the First Nordic Metals mineral projects ("NI 43-101"), which is available on SEDAR at www.SEDAR.Com under each of Barsele Mineral Corp.'s and Gold Line Resources Ltd.'s corporate profiles. Investors are cautioned to review the following technical reports:

For further information regarding the Barsele project, reference should be made to the following NI 43-101 technical report titled "NI 43-101 technical report and mineral resource estimate for the Barsele Property" with an effective date of February 21, 2019 prepared by Carl Pellettier, P.Geo., Harold Brisson, P.Eng., Stéphane Faure, P. Geo., and Vincent Nadeau-Benoit, P. Geo. of Innovexplo Inc. Val-d'or. (Québec).

For further information regarding the Kylmäkangas project, reference should be made to the following NI 43-101 technical report titled "NI 43-101 technical report and mineral resource estimate for the Kylmäkangas Gold Project" with an effective date of July 25, 2022 prepared by Eemeli Rantala, P.Geo., and Ove Klavér, Eur. Geo. of AFRY Norway AS.

For further information regarding the Långtjärn Project, reference should be made to the following NI 43-101 technical report titled "NI 43-101 technical report and mineral resource estimate for the Långtjärn property" with an effective date of June 30, 2020 prepared by Amanda Scott, Mausimm of Scott Geological and Thomas Lindholm, Msc. Fausimm of Geovista.

### **CAUTIONARY NOTE**

Certain statements in this presentation are "forward-looking statements", including within the meaning of applicable laws. All statements of historical fact included in this presentation, including, statements regarding the effect of the Proposed Transaction on First Nordic Metals' resources, gold grades, metallurgies, and future plans and objectives of First Nordic Metals are forward-looking statements based on forecasts of future operational or financial results, estimates of amounts not yet determinable and assumptions of management that involve various risks and uncertainties. Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always, using words or phrases such as "expects" or "does not expect", "is expected", "anticipates" or "does not anticipate" or "intends", or stating that certain actions, events or results "may", "could", "would", "might", or "will" be taken, occur or be achieved) are not statements of historical fact and may be "forward-looking statements." First Nordic Metals cautions that forward-looking information involves known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to be materially different from those expressed or implied by such information, including, but not limited to, failure to obtain the necessary regulatory and other approvals; gold and silver price volatility; fluctuations in foreign exchange rates and interest; the impact of any hedging activities; discrepancies between actual and estimated production, between actual and estimated metallurgical recoveries; capital expenditure requirements; and the success of exploration apermitting activities. Although First Nordic Metals has attempted to identify important factors that could cause actual results, performance or achievements to differ materially from those contained or intended. There can be no assurance that such informa

Market data and other statistical information used throughout this Presentation are based on internal company research, independent industry publications, government publications, reports by market research firms or their published independent sources. Industry publications, governmental publications, market research surveys and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable. Although First Nordic Metals believes such information is accurate and reliable, it has not independently verified any of the data from third party sources cited or used for our management's industry estimates, nor has First Nordic Metals ascertained the underlying economic assumptions relied upon therein. While First Nordic Metals believes internal company estimates are reliable, such estimates have not been verified by any independent sources, and First Nordic Metals makes no representations as to the accuracy of such estimates.







## THE NORDIC ADVANTAGE

Region is the leading producer of metals in Europe – Sweden #1, Finland #2



History of mining



Security of tenure



Taxation incentives - No mineral tax, 20.6% corporate tax rate

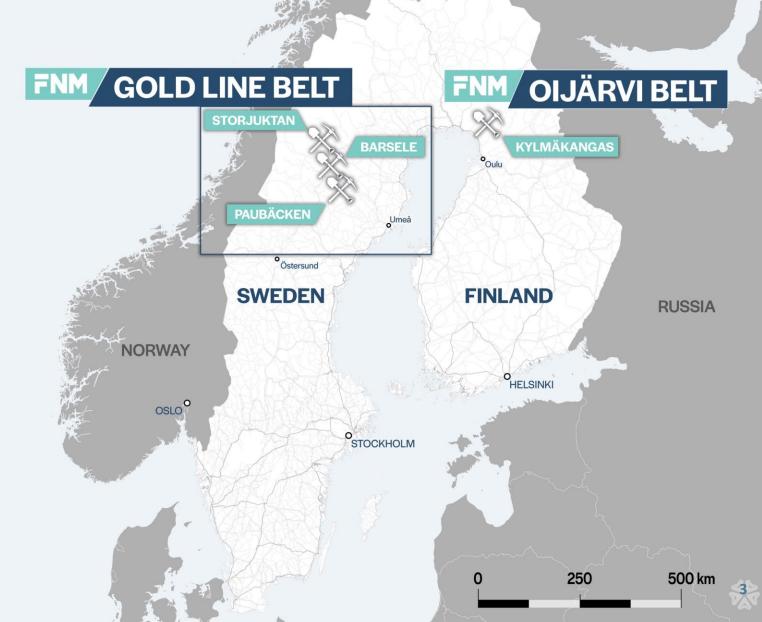


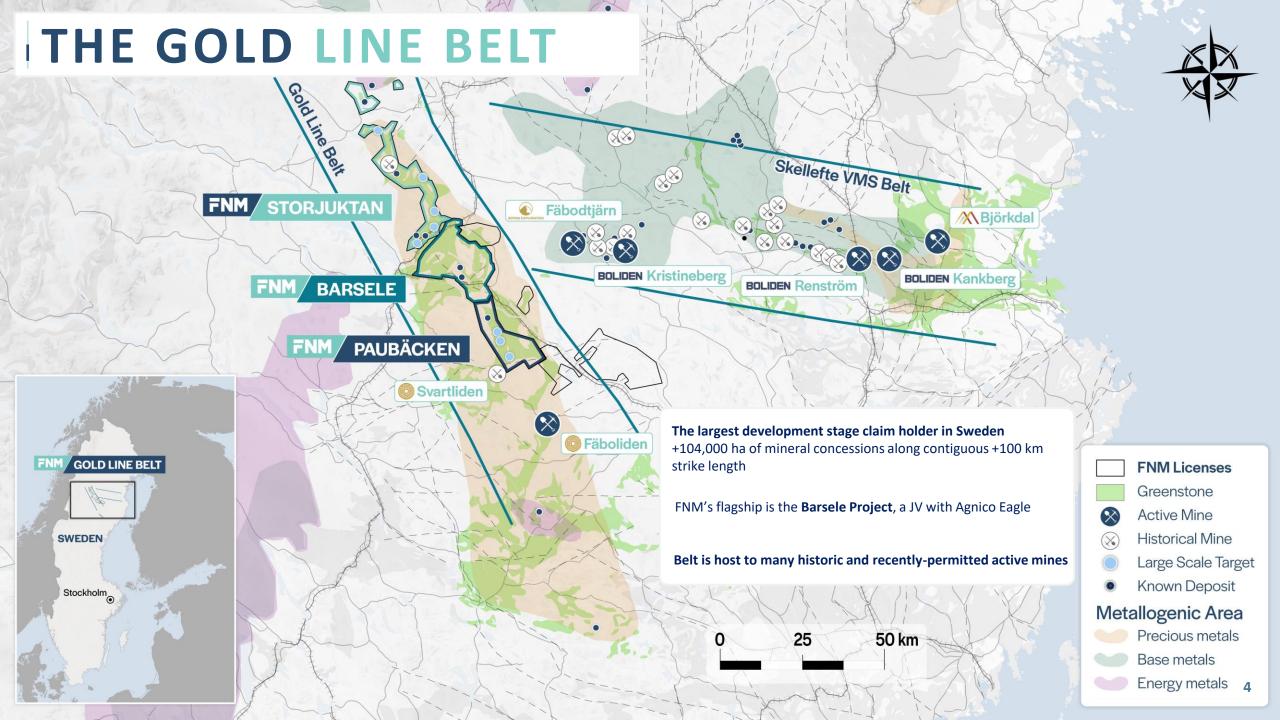
Low political risk - Mature, well-defined environmental & permitting procedures in a mining friendly country

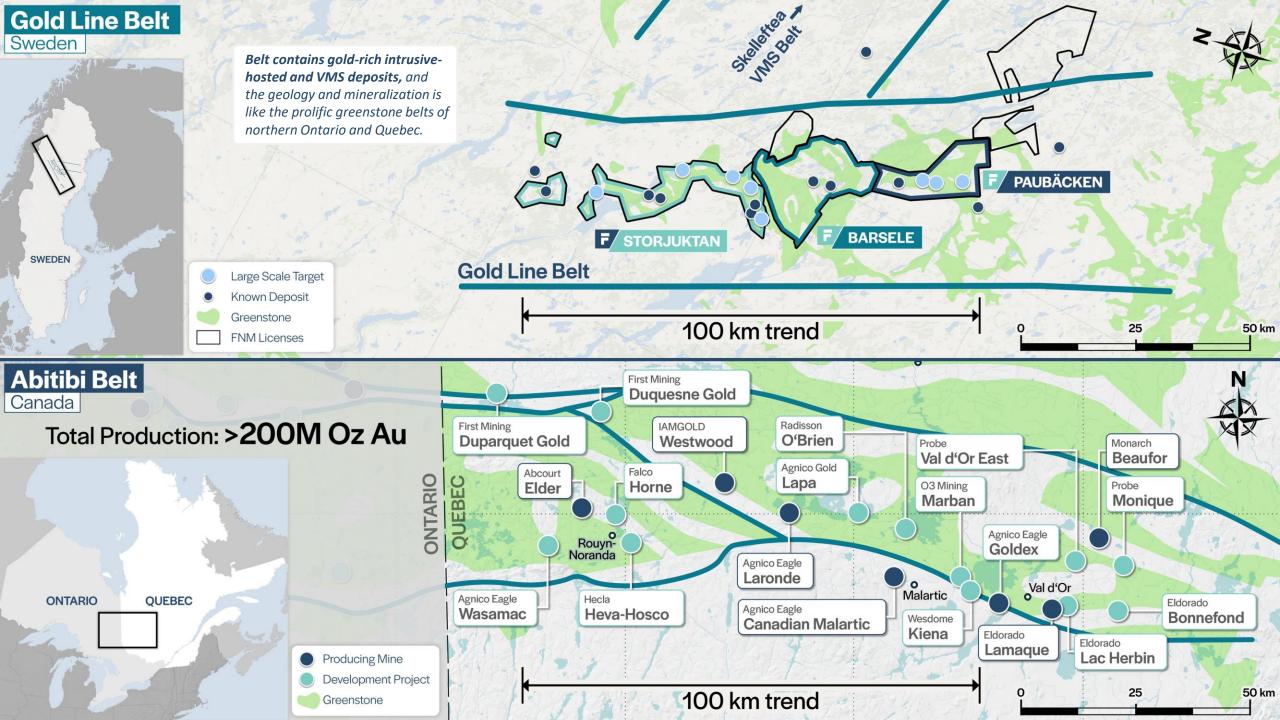


Ranked by Fraser Institute as mining's "Top Jurisdictions to do Business" in 2024



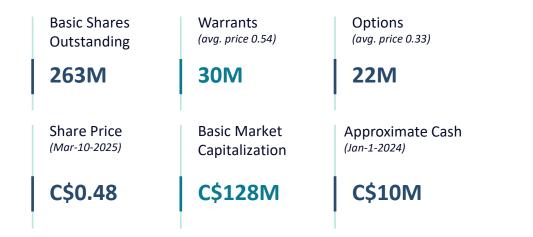


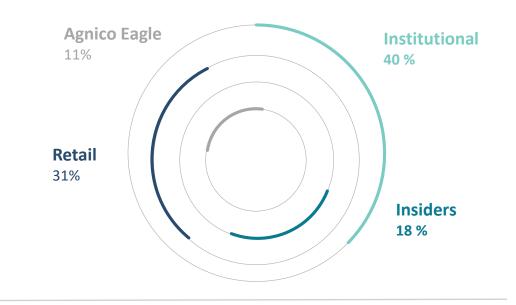


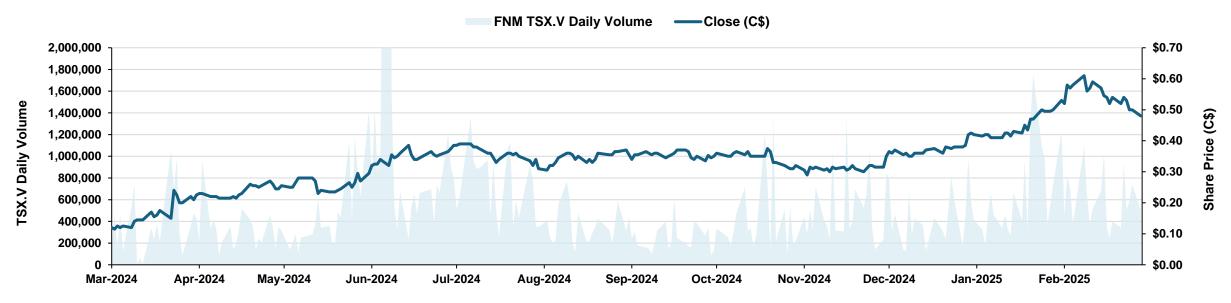


## **Capital Structure**





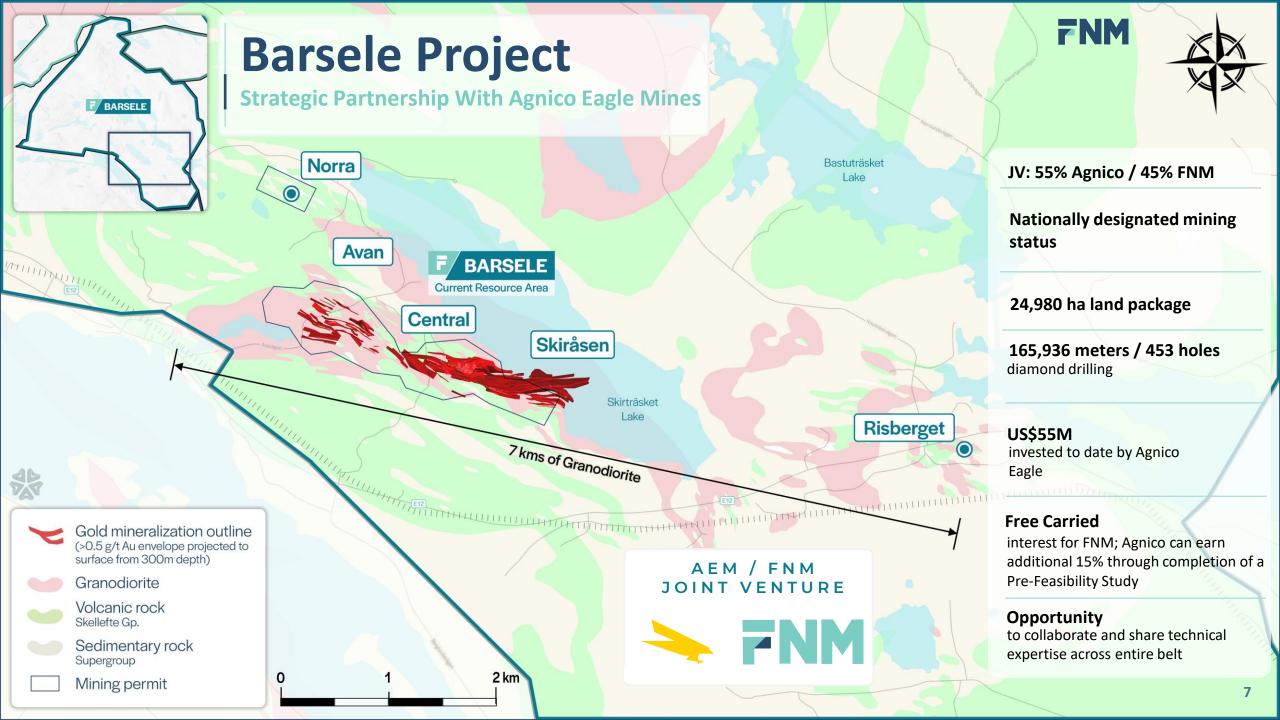








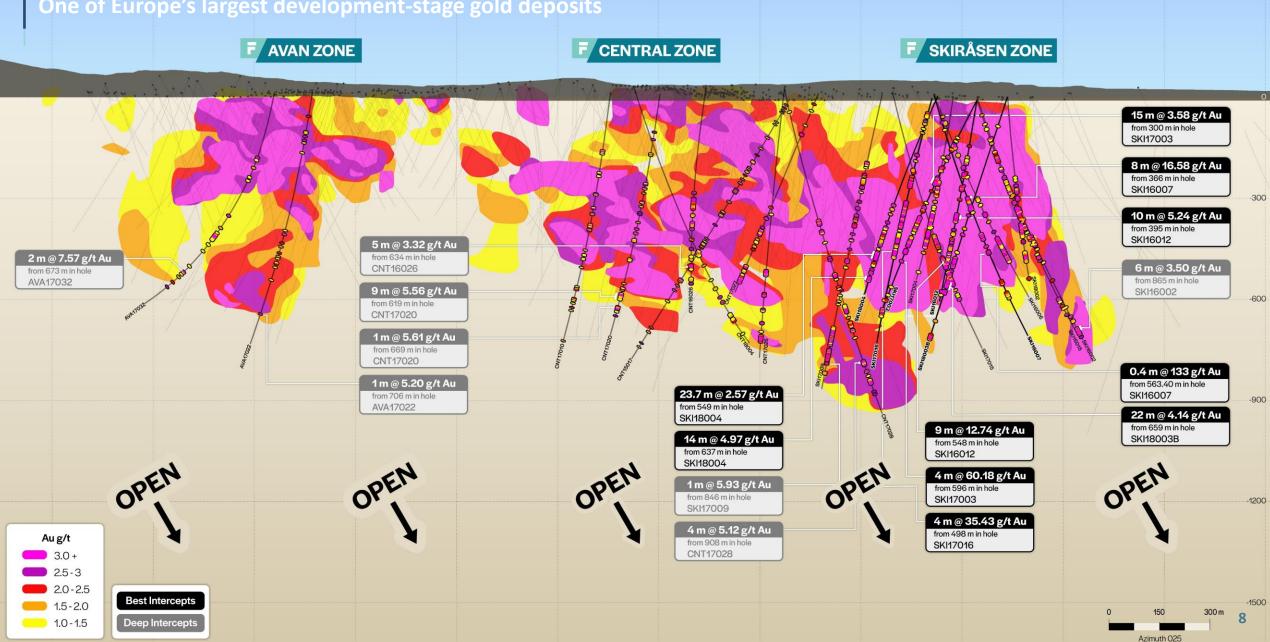




# Barsele Project | Long Section

FNM

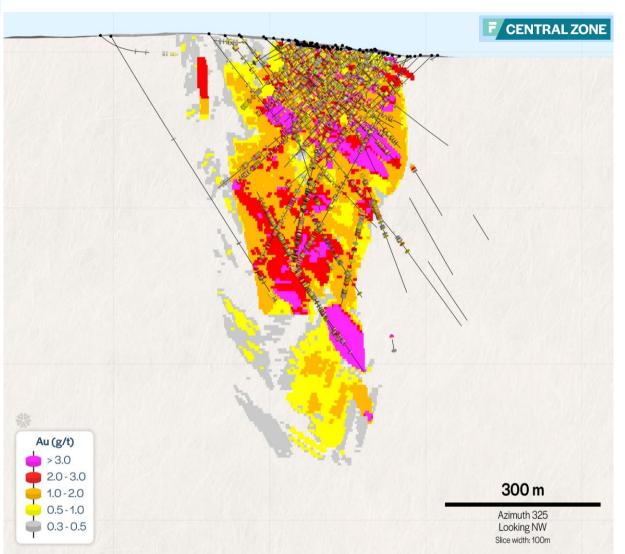
One of Europe's largest development-stage gold deposits

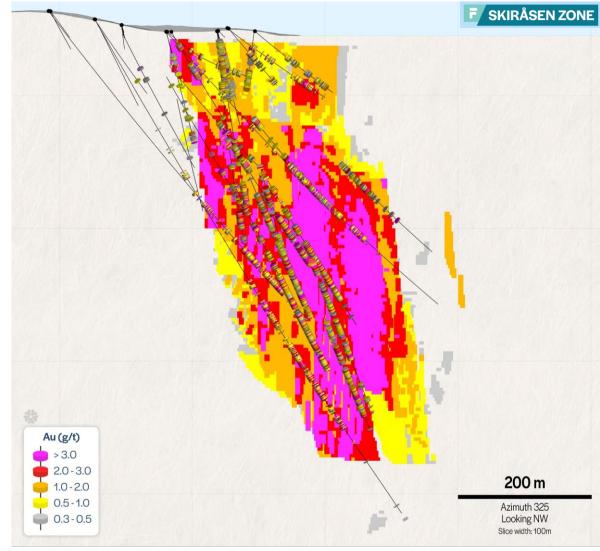


# Barsele Project | Cross Sections



Wide, stacked parallel zones allow for low-cost bulk underground mining











# **Barsele Project**



## Favorable deposit characteristics & significant upside potential

	Mineral Resource Estimate (2019)						
	Cut off	Indicated			Inferred		
	Cut-off	Tonnage	Grade	Au	Tonnage	Grade	Au
	g/t	kt	g/t	koz	Kt	g/t	koz
Open Pit	0.5	3,452	1.32	147	1,819	1.59	93
UG – Bulk	1.5	1,442	2.53	117	8,759	2.58	728
UG -Bulk-Selective	1.8	684	2.75	60	14,917	2.64	1,265
TOTAL				324			2,086

## **Solid Bulk UG Grades Over Significant Widths**

Mineralized ore lodes range from 10 m to > 100 m wide, strike of 3.5 km; multiple parallel zones of varying thickness on same levels = huge cost savings

## **Simple Metallurgy**

Free-milling sulphide ore – met testing from all three zones yielded recoveries of 93-96%, of which 45-50% could be recovered via conventional gravity circuit

## **Obvious Resource Upside at Depth**

Average resource depth is 550 m but drilling has intersected strong grades down to 925 m depth and remains open in all directions

Geophysical results infer a continuity of granodiorite host rock to at least 2.0 km depth

## **Additional Potential Upside along Strike**

Current resource covers 3.6 km of strike along a potential 8.0 km mineralized trend

## **Grade Upside**

Discovery of high-grade bonanza veins at Avan zone and subsequent remodeling would improve vs. 2019 resource

## **Regional targets**

Targets Risberget, Norra, and Bastutrask + several others show compelling geochemistry and early drilling results







# **2024 Gold Mine Opex in Northern Sweden**



Bulk underground mining costs & low processing set the region apart

- Mandalay Resources' Björkdal Mine is located ~225 km F of Barsele
- Operating since the 1980s
- Has had record cashflow generation through 2024
- Current electricity costs in Västerbotten are ~3.5c/kWh (hydro), among lowest globally
- Bulk underground mining costs are 20-30% cheaper than in Canada

\*from Björkdal 2024 technical report

	Björkdal
	Västerbotten, SWE
Operating details	
UG Mining Method	longhole
Average UG gold grade	1.6 g/t
UG Mining Cost	\$25.43
Processing Method	mill-flot-concentrate-smelt
Gold Recovery	85-88%
Processing & Refining Cost	\$10.18
G&A Cost	\$8.77
Total Processing & G&A Cost	\$18.95

Barsele Västerbotten, SWE

> longhole 2.7 g/t

mill-CIL 92-95%







# Target 1 - Paubäcken | Aida

+4km Target, Barsele look-alike, currently being diamond drilled

- Target structure is blind to surface under 10-20 m of glacial till; BoT (base-of-till)
   drilling is proven technique for testing bedrock anomalism under glacial till cover
- BoT drilling confirmed shallow gold mineralization across 1.5 km strike; at least 2.5 km identified corridor still open to N and S, still to be tested
- 2024 results include 2.05 g/t Au and 5.01 g/t Au highest BoT result here to date
- 6 core holes (1,100 m) drilled in Phase 0 with significant success / discovery
- NEXT STEPS:
  - 1Q25 BoT drilling remaining corridor
  - o 1Q25 Phase 1 diamond drilling: 5-10,000 m

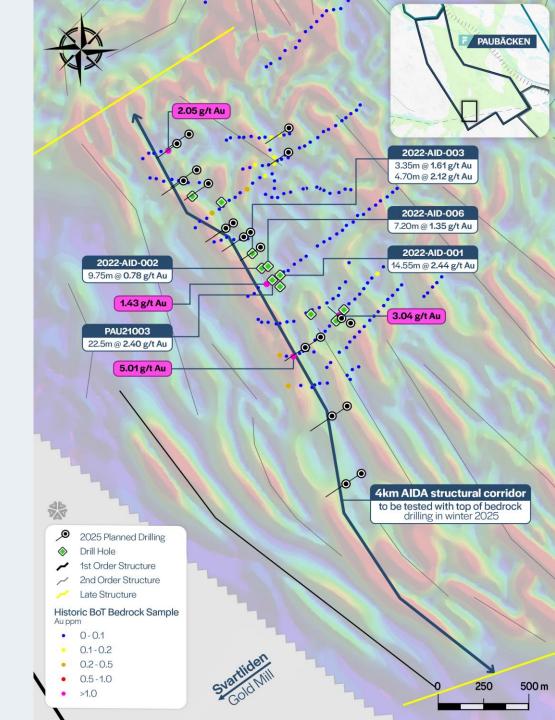
## Aida Diamond Drilling Highlights (only 6 holes drilled):

22.5 m @	4.70 m @	14.55 m @	7.20 m @
2.40 g/t Au	2.12 g/t Au	2.44 g/t Au	1.35 g/t Au
from 45 m	from 79m	from 142 m	from 105 m





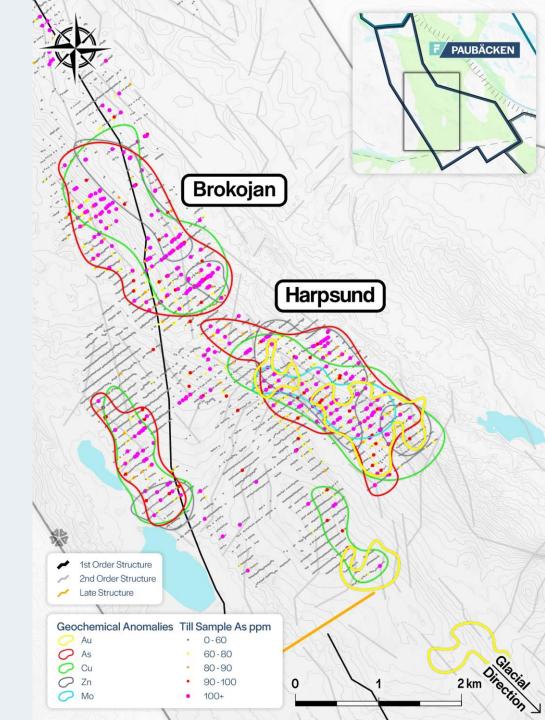




# Targets 2 & 3 - Paubäcken | Brokojan & Harpsund

5.5 km geochemical anomaly, currently being BoT drilled

- B-horizon glacial till sampling has been completed on northern 2/3 of Paubäcken area (6,718 samples over 2022-24)
- Surface till sampling identified the Harpsund corridor, a 5.5 km As-Cu-Mo-Zn pathfinder anomaly coincident with historic ionic leach Au anomaly
- Anomalies are oriented in down-ice direction and coincident with favourable geology and prominent 2<sup>nd</sup> order structural corridor
- NEXT STEPS:
  - 1Q25 BoT drilling of corridor: ~200 holes
  - 1H25 Phase 1 diamond drilling: 5-10,000 m







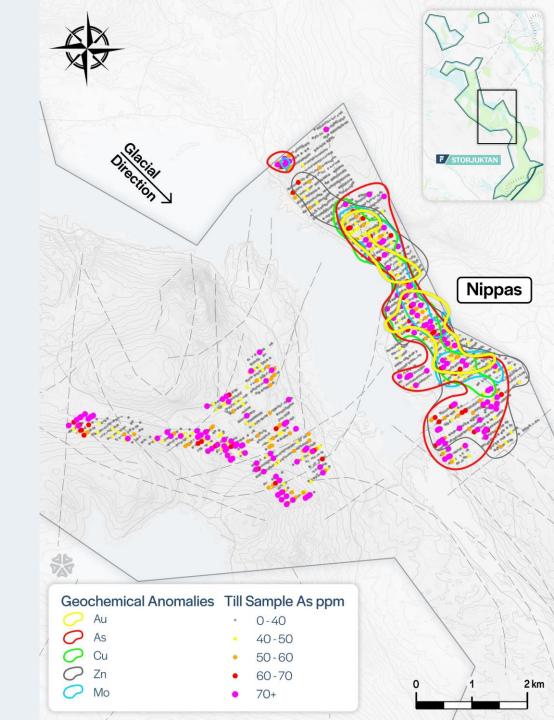
# Target 4 - Storjuktan | Nippas

5 km geochemical anomaly, currently being BoT drilled

- 4,357 B-horizon glacial till samples collected over the Nippas Target area in the central portion of the Storjuktan Project
- Surface till sampling identified a large 5.0 km by 1.0 km As-Cu-Mo-Zn pathfinder anomalies coincident with historic ionic leach Au anomaly
- Anomalies are oriented in the down ice direction and are coincident with favorable geology and a prominent second order structural corridor
- 2H24 geochemical program returned four newly identified orogenic gold pathfinder anomalies

### NEXT STEPS:

- 1Q25 BoT drilling on Nippas target
- o 1H25 Till sampling over entire greenstone belt area of project
- O 2H25 Phase 1 diamond drilling: 5-10,000m







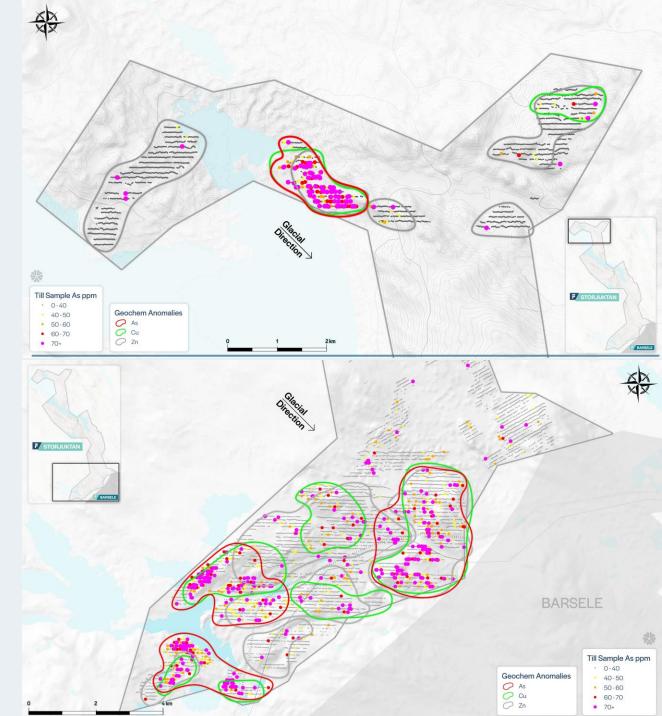
## **New Targets - Storjuktan**

## 4 new multi-kilometric anomalies identified in 2025

- +17,000 B-horizon glacial till samples collected over the Storjuktan project area (outside of Nippas) in 2H24
- 4 distinct and cohesive gold pathfinder anomalies (As-Cu-Mo-Zn), 1.5-2
   km by 1 km were newly identified
- Anomalies are all oriented in the down ice direction and are coincident with favorable geology and a prominent second order structural corridor

## NEXT STEPS:

- 1Q25 Awaiting results from high-resolution airborne UAV magnetic survey over these targets
- 2Q25 Results from gold assays of glacial till samples over targets
- 2H25 BoT drilling on targets prior to diamond drilling











# **Key Management**

Taj Singh



CEO & Director

B.Eng, M.Eng (Mining, Metallurgy), CPA w/ 24 years experience in mining

Co-Founder, President & CEO **Discovery Silver** 

Founding team member & Lead Director **GT Gold** (acquired by Newmont Mining)

Former VP at Timmins Gold, Research Analyst at Macquarie + 10 yrs engineering at Inco / Vale

Adam Cegielski



President

B.Sc. (App. Biochemistry)

Founding team member at Cayden Resources (acquired by Agnico), **Keegan Resources** 

Co-founder and CFO of Gold Line Resources (FNM)

25 years experience, has raised over \$100M across various sectors

Benjamin Gelber



**Head of Exploration** 

M.Sc. Economic Geology, P.Geo

Founding team member & Exploration Manager at Keegan Resources (Galiano Gold)

Former Barrick Gold Exploration Manager, Guyana

Specialist in orogenic gold systems and greenstone belts

John Eren



**VP Corporate Development** 

HBA (Economics) with Over 20 years experience in mining

Founding team member & IR at Keegan Resources (now Galiano Gold) and Cayden Resources (acquired by Agnico)

Former Business Development at Auryn Resources (Fury Gold Mines)











**Toby Pierce** 



Chairman

B.Sc. Geology, MBA

Currently CEO of Somerset **Energy** 

Former CEO of TAG Oil (10 years), Head of Research, GMP Securities (London)

> Co-founder of Gold Line Resources (FNM)

Founder of several juniors, including Benchmark Metals (Thesis Gold)

Henrik Lundin



Director

B.Sc. Petroleum Engineering

Swedish citizen, 19 years in natural resource sector

Formerly Lundin Energy, currently Sr. Engineer at Aker BP

Former Chairman of Gold Line Resources (FNM)

Marc Legault



Director

Retired Engineer (P.Eng) and geologist (P.Geo)

34-year career at **Agnico Eagle** in various exploration, operations, and management positions,

Retired as SVP from Agnico in 2022

**Gary Cope** 



Director

Founder & CEO of Barsele Minerals (10 years)

Significant shareholder of FNM, 35+ years Capital Markets experience

Founder & CEO of Orko Silver (acquired by Coeur Mining)

## Jeff Couch



Director

Business and law degrees from Canada, now UK-based

Acting CEO of Lydian Mining and Alufer Mining (owned by PE)

Former Head of Investment Banking, Europe for **BMO Capital Markets** 

Former banker at Credit Suisse. Citigroup







## **Contact Us**

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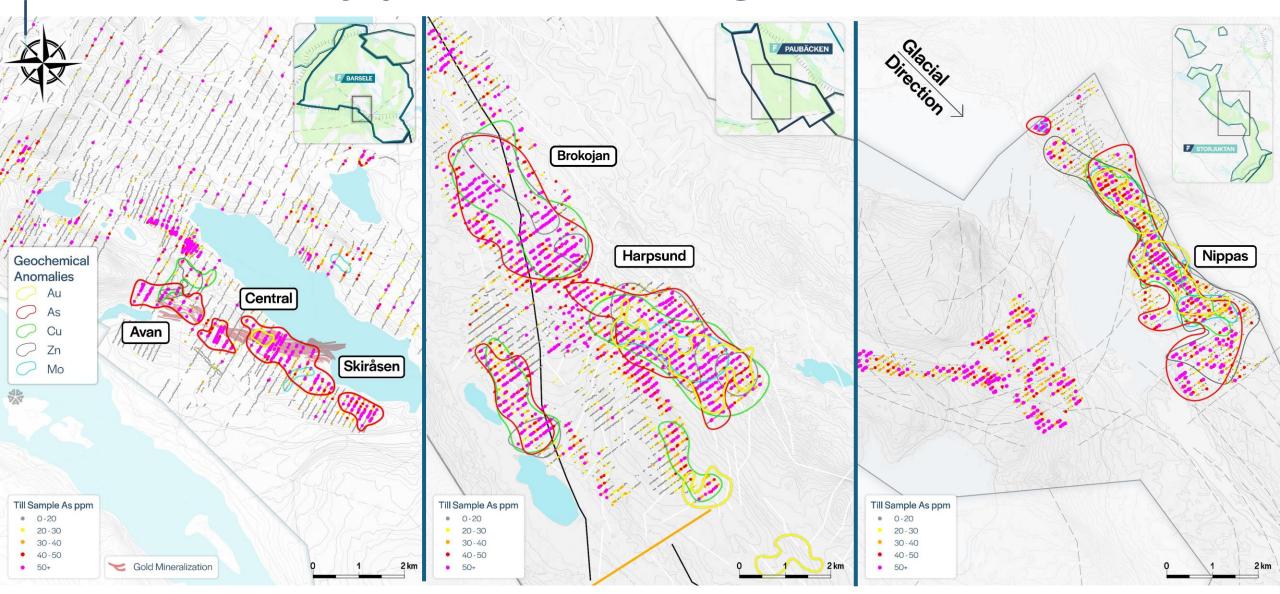
# **Appendix**

ADDITIONAL INFORMATION

50 2025

# Geochemistry | Barsele vs. Target 2/3 & 4











# Oijärvi Project



Limited exploration historically has been completed beyond the Kylmäkangas resource footprint



Contains several zones of mineralization, highlighted by the drill-defined Kylmäkangas deposit



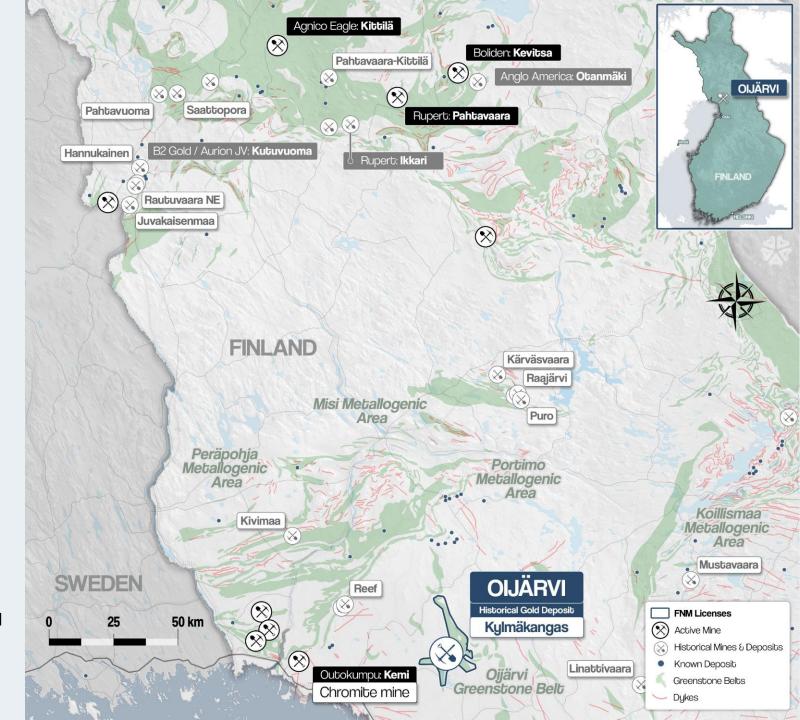
Regional and local scale zones of structural complexity favourable for hosting potentially large Au deposits are present, with many still untested and the shear corridor remains open in all directions

The Oijärvi Greenstone Belt shares similar characteristics to those found elsewhere in Finland and in the Canadian Shield







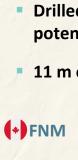


# Oijärvi Project

**Kylmäkangas Deposit** 

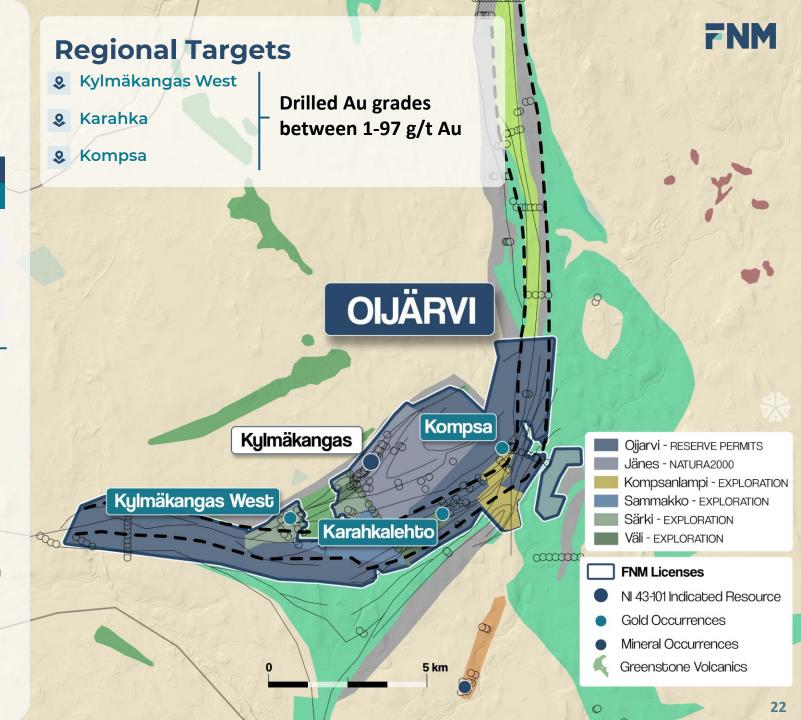
	Mineral Resource Estimate (2022)							
	Tonnage	AuEq	Au	Ag	AuEq	Au	Ag	
	Mt	g/t	g/t	g/t	Koz	Koz	Koz	
Indicated	1.07	4.6	4.1	35.4	159	143	1,220	
Inferred	1.63	2.9	2.7	15.2	152	142	795	
TOTAL	2.70	3.6	3.3	23.2	311	285	2,015	

- Shear zone hosted orogenic gold deposit
- Resource covers 1.5 km of strike; same mineralization + grades hit 2.5 km away W along high deformation shear corridor
- Current resource estimate is based on 67 drill holes totaling 17,678 m
- Drilled to average depth of only 215 m; significant depth potential exists
- 11 m of 23 g/t Au, 126 g/t Ag @ 102 m









# Oijärvi Project

**Kylmäkangas Deposit** 

The Kylmäkangas Au-Ag deposit is open to depth and down plunge and there is the potential for additional down dip zones.

## **Known Mineralization**

1.5 KM **STRIKE**  within a NE/SW striking high deformation shear corridor

### **NEXT STEPS:**

- High resolution UAV magnetic geophysics survey aimed at targeting similar anomalies along strike and on parallel shear corridors within the Oijärvi Greenstone Belt
- Diamond drilling to follow up on extensions of lodes & regionally







