



# Plethora

EXPLORATION CORP.

Exploring for Future Demand

October 2024

# Forward Looking Statements

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Forward-looking statements are necessarily based on estimates and assumptions that are inherently subject to known and unknown risks, uncertainties and other factors that may cause actual results, level of activity, performance or achievements to differ materially from those expressed or implied by such forward-looking statements. There are many factors that could cause such differences, particularly: volatility and sensitivity to market metal process; impact of change in foreign currency exchange rates and interest rates; imprecision in reserve estimates; environmental risks including increase regulatory burdens; unexpected geological conditions; adverse mining conditions; changes in government regulations and policies, including laws and policies; failure to obtain necessary permits and approvals from government authorities; other development and operating risks; exploration hazards and risks; risks related to exploration and development of natural resource properties; uncertainty in the Company’s ability to obtain funding; recent market events and conditions; risks related to its mineral properties being subject to prior unregistered agreements, transfers, or claims and other defects in title; risks relating to competition from larger companies with greater financial and technical resources; risks relating to the inability to meet financial obligations under agreements to which it is a party; ability to recruit and retain qualified personnel; and risks related to conflicts of interest of directors and officers. This list is not exhaustive of the factors that may affect the Company’s forward-looking statements. Should one or more of these risks and uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary materially from those described in the forward looking statements.

An investment in the securities of the Company should be considered highly speculative and involves a significant degree of risk and uncertainty due to the nature of the Company’s business, its limited operating history and its formative stage of development. Investors should not invest any funds in this offering unless they can afford to lose their entire investment.

**Objective**

Discovery of economically, technically, and socially viable mineral deposits

**Strategy**

Exploring for critical minerals in Tier 1 jurisdictions, with ground-up exploration work, building and advancing a portfolio of high-potential projects in a responsible manor

**Catalyst**

Advance multiple projects simultaneously through the “Discovery Phase” of exploration delivering transaction ready projects within 24 months

# Plethora Exploration Corp.

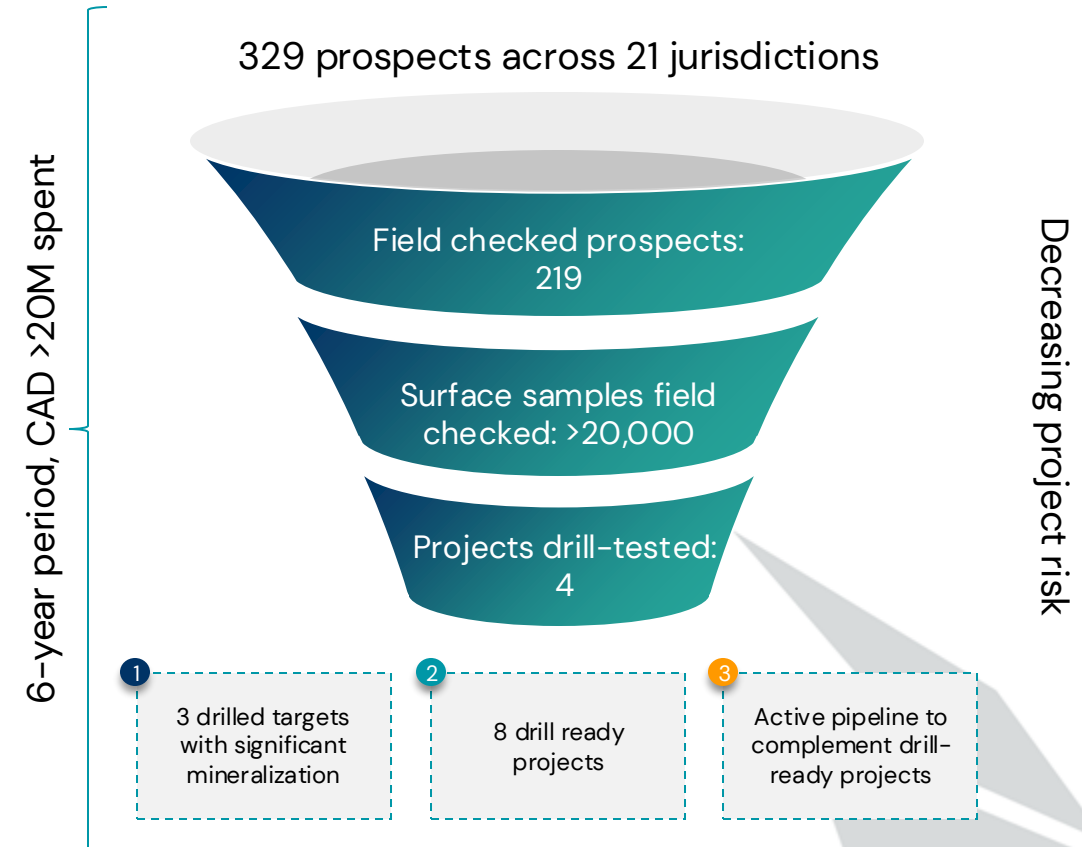
## Introduction

- Targeting **critical metals**, in **top-tier jurisdictions**
- All projects incubated and established through Plethora Private Equity since 2018
- Established a **portfolio of regional-scale projects with drill-ready targets**
- A focus on critical metals (nickel, copper, cobalt, PGE) in the Nordics
- The company is fully funded for the next 24 months allowing rapid advancement of all assets within the project portfolio
- All projects simultaneously being progressed through the value accretive discovery drill phase and new projects to be bought online

# Explore to Kill Strategy

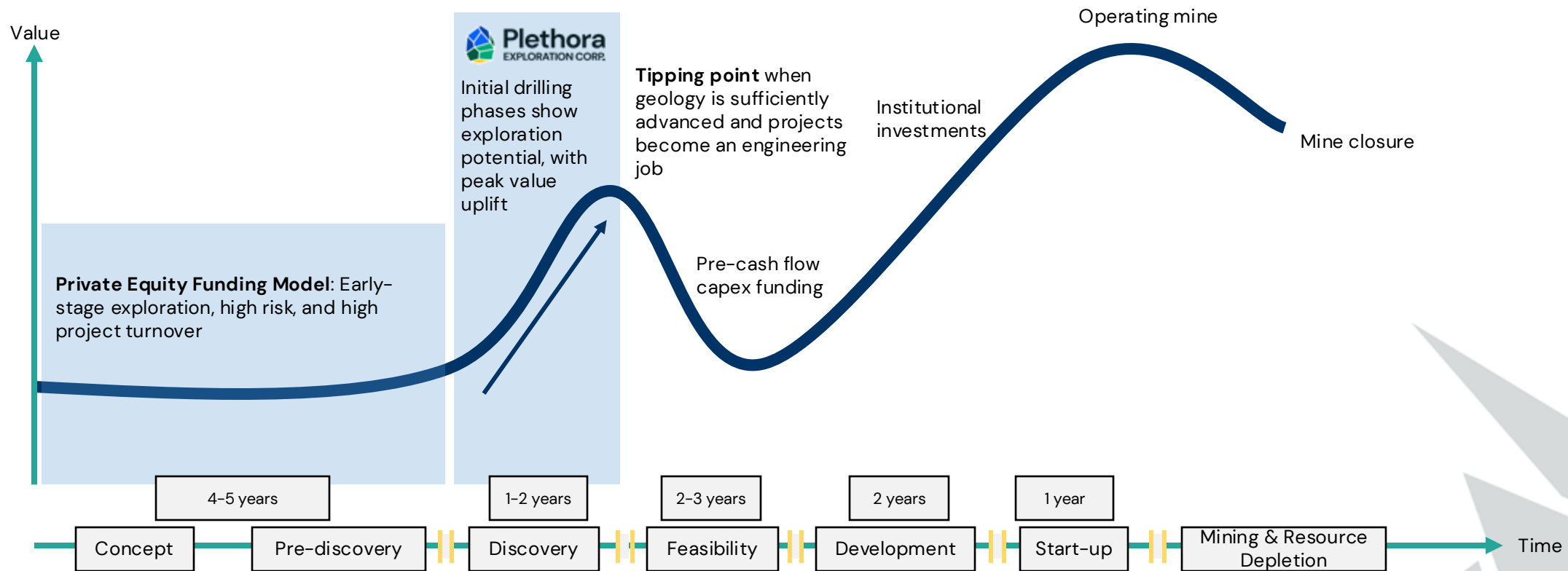
## Niche in the Market

- Plethora was established in 2018 specifically to target the niche of **early-stage and conceptual exploration**
- This niche has been under-funded for decades, resulting in few ground-up discoveries, but presenting **opportunities to build belt-scale portfolios** in strategically key jurisdictions
- The **use of capital has been highly effective**, with the majority going directly into exploration costs, enjoying the ability to be nimble with project turnovers
- Much of the **early conceptual exploration risk has been removed**



# The Exploration to Mining Cycle

Focused on value-accretive Discovery Phase



# Management



**Sam Walding**  
CEO

7 years mineral exploration experience across Europe and North America, 2 years in the Australian mining sector and 8 years in the British Army developing strong leadership, strategy, and operational skills

M.Geol (Hons) in Applied and Environmental Geology (Leicester University, UK)

Sits as CEO of Infinico Metals Corp. a Canadian TSXV traded company



**Szabi Orban**  
Vice President of Exploration

Qualified Person, as defined by NI 43-101 with over 8 years of experience in the exploration sector working across Europe and North America

Extensive experience planning budgeting, and executing complex exploration programs

BSc & Msc (Hons) in geology, EurGeol, member of the OGQ,

Sits as Vice President Exploration of Infinico Metals Corp.



**Cornel van Eck**  
Head of Sustainability

Focused on delivering sustainable outcomes related to environmental, social and governance (ESG). A particular focus on environmental permitting, social due diligence and engagement, and sustainable strategy development and execution

Masters in Criminal Law (University of Tiburg, NL)  
Masters in Healthcare Law (University of Amsterdam, NL)

Sits as Sustainable Development Officer of PPE Investments

# Technical Board



**Dan James**  
Chair of the Technical Board

+20 years mineral exploration experience across Africa, Europe, and North America

President of Medgold Resources to 2019, leading a new gold-silver discovery in Serbia (May 2018)

Co-founder and COO to Plethora Private Equity



**Dr Richard Sillitoe**  
Technical Board Member  
(Copper & Gold)

+45 years experience, world renowned geologist

Has worked on a wide variety of mineral deposits and prospects in 100 countries worldwide

Focus on epithermal gold and porphyry copper environments

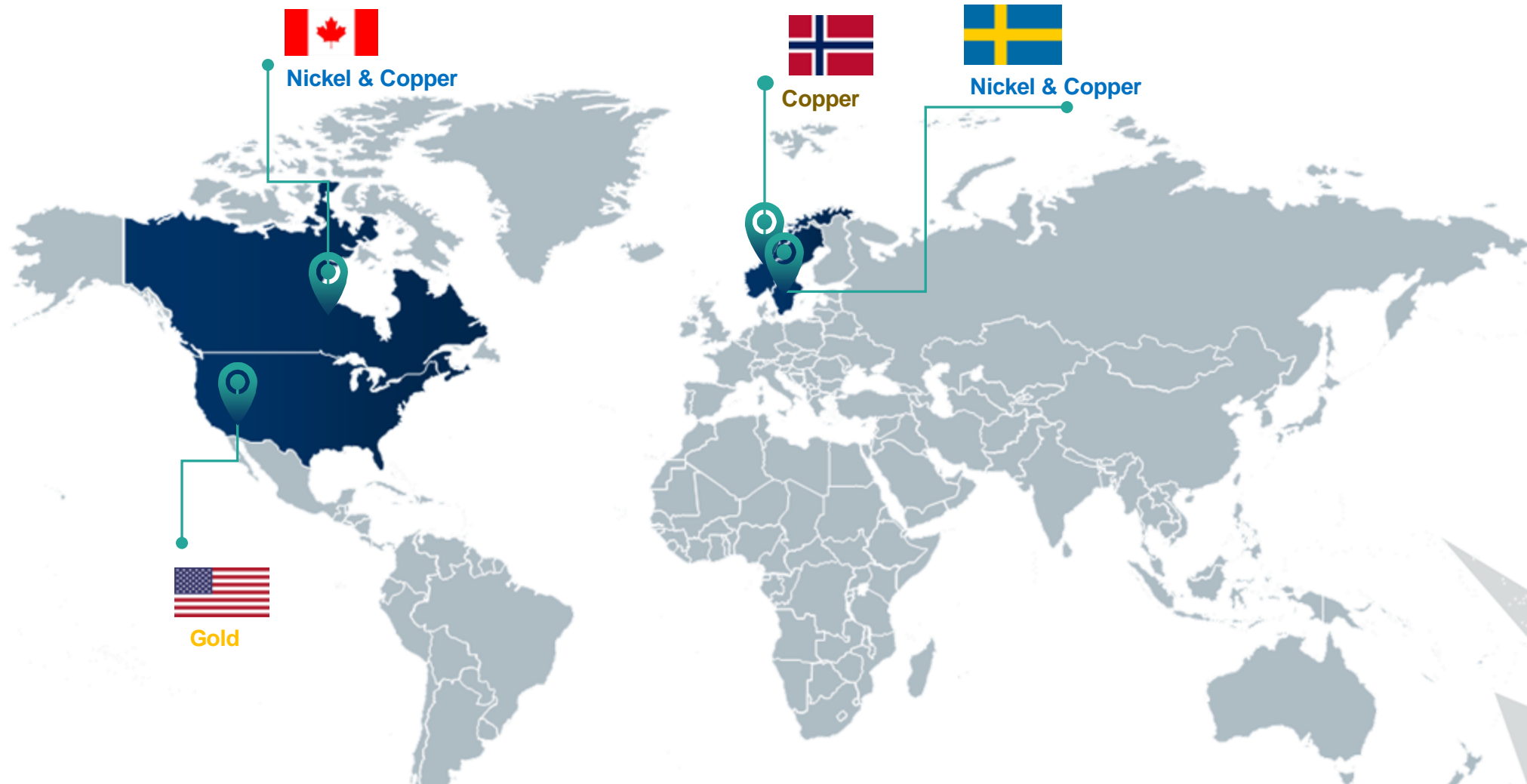


**Tony Donaghy**  
Technical Board Member  
(Nickel Sulphide)

Internationally recognised nickel expert, with +25 years of experience covering all continents and all aspects of the industry

BSc (Hons), Associate Diploma of Civil Engineering, P.Geo



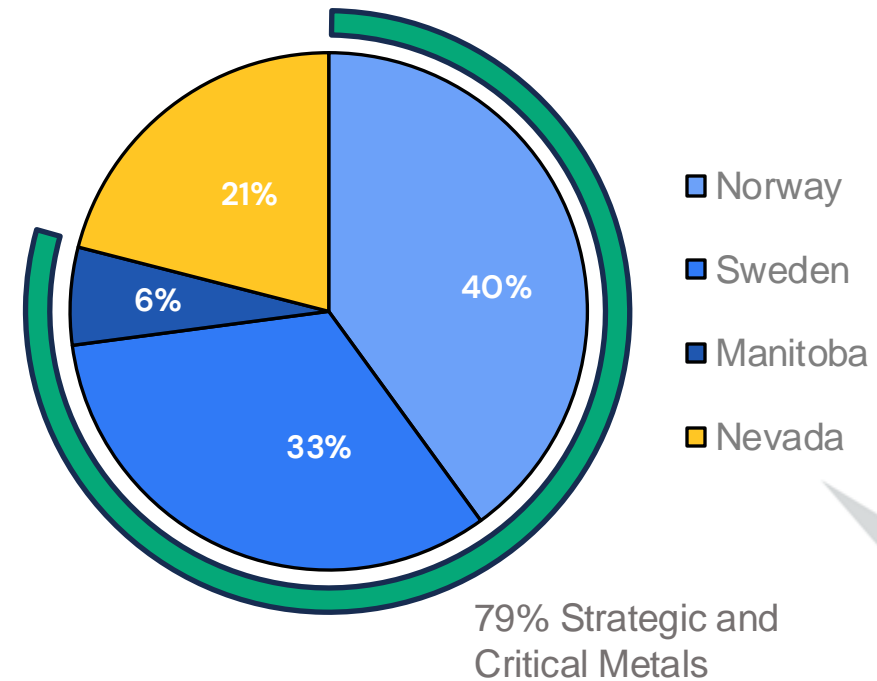


# Overview of Main Assets

# Portfolio Makeup

## Key facts

- 73% of the company's project portfolio is in the Nordics
- 79% of the project portfolio is focused on strategic and critical metals (copper, nickel and cobalt)
- Total exploration ground owned by Plethora Exploration = 2,484 km<sup>2</sup>
- 9 standalone projects at the advanced discovery drill phase and a pipeline of regional projects to be bought online



# Project Portfolio

## Highlights

### Sweden



Commodities: Nickel, Copper, Cobalt, PGE  
 Size Exploration Properties: 1,130 km<sup>2</sup>  
 Ownership: 100% PEC  
 Main Deposit Style: Magmatic Nickel Sulphide  
 Road accessible and nearby infrastructure

Key Projects:  
 Uvbergs  
 Kuså  
 Bergslagen Belt

### Norway



Commodities: Copper, Cobalt  
 Size Exploration Properties: 280 km<sup>2</sup>  
 Ownership: 100% PEC  
 Main Deposit Style: Sedimentary Hosted Copper  
 Road accessible and nearby infrastructure

Key Projects:  
 Frostmoen  
 Lille-Leiden  
 Misvær  
 Regional Exploration

### Manitoba



Commodities: Nickel, Copper, Cobalt, PGE  
 Size Exploration Properties: 767 km<sup>2</sup>  
 Ownership: 100% PEC  
 Main Deposit Style: Magmatic Nickel Sulphide  
 Accessible by winter road and nearby hydro power

Key Projects:  
 T-Bone  
 Feeder Zone

### Nevada



Commodities: Gold  
 Size Exploration Properties: 34 km<sup>2</sup>  
 Ownership: 100% PEC  
 Main Deposit Style: Epithermal Gold and Carlin Style Gold  
 Road accessible and nearby infrastructure

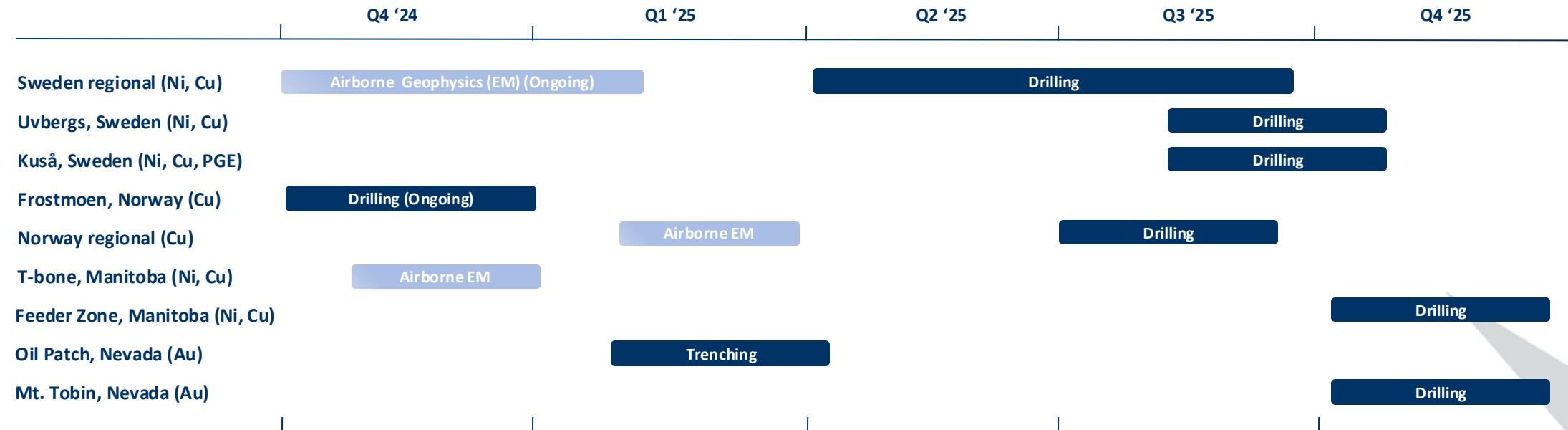
Key Projects:  
 Mt Tobin  
 Oil Patch

### Underlying Royalties & Agreements

- Frostmoen, Kuså, Uvbergs, Vittinge, Flint hill, Misvær, Uvbergs Extension & Vittinge projects are subject to a 2.0% Net Smelter Royalty
- A 105 km<sup>2</sup> claim block on the Manitoba Projects (Feeder and T-Bone) are subject to an option agreement with Kenorland Minerals. Kenorland has a 2% Net Smelter Royalty on these claims
- The Tobin Project, in Nevada, has a 2.0% Net Smelter Royalty on one claim, and a 0.5% Net Smelter Royalty on 39 surrounding claims
- The Oil Patch Project, in Nevada, is subject to a 1.5% royalty to the finder, which can be purchased at any time for US\$ 1.5M

# Exploration and Corporate Timeline

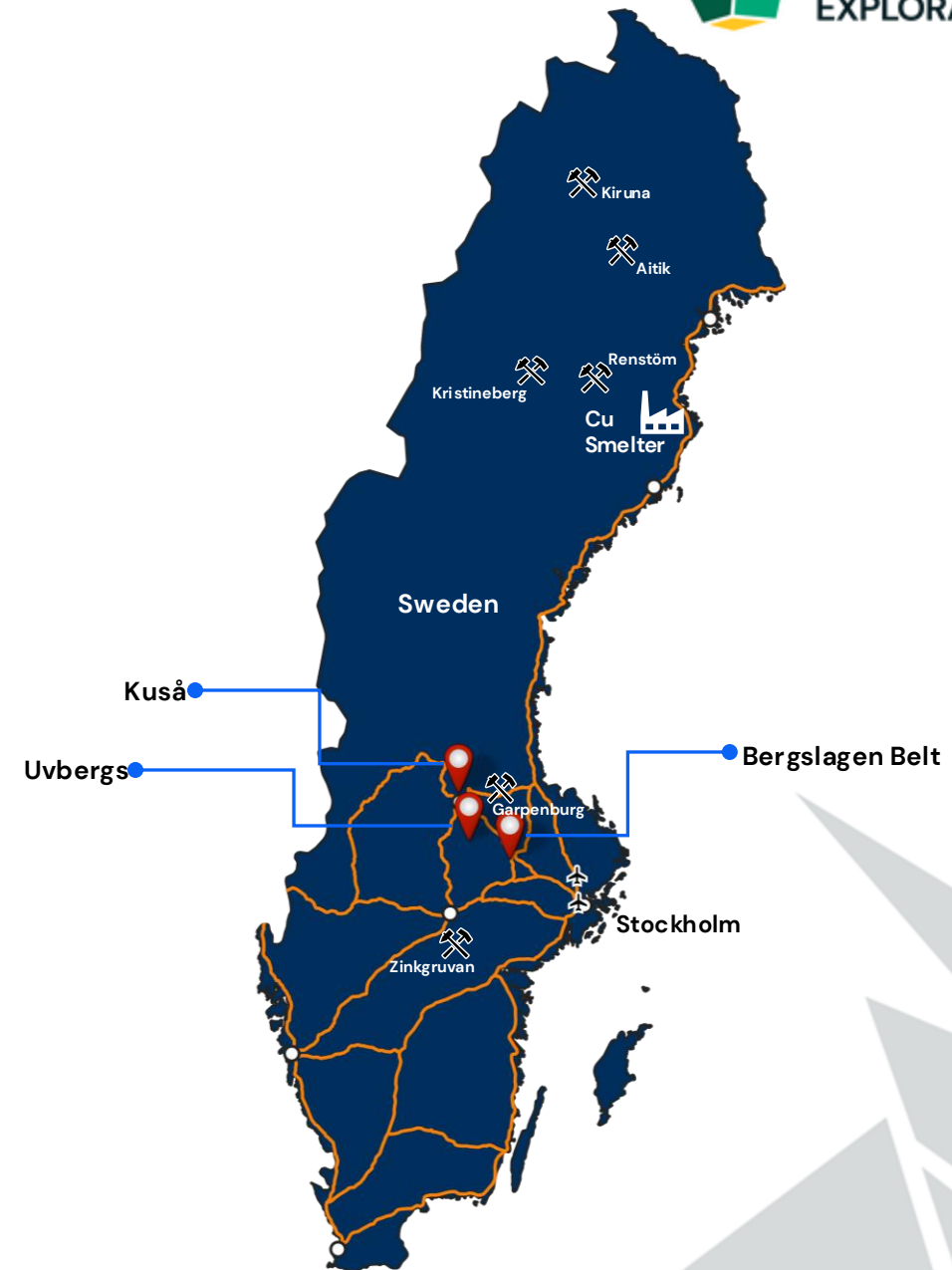
## Year-round news flow and catalysts





# Sweden

- A district scale nickel, copper and cobalt exploration project
- **1,130 km<sup>2</sup> of 100% owned exploration licences**
- Fast and proven permitting, and a commitment from the government to quickly advance strategically important mineral deposits through to production
- Projects and exploration area are fully road accessible with nearby infrastructure, power and rail, meaning when a discovery is made it can move quickly through development
- 16 active mines across Sweden, with Boliden's Garpenberg Mine and Lundin's Zinkgruvan nearby.
- Near to refinery and smelting facilities, as well as end users such as Northvolt's battery factor and H2 Green Steel
- World's largest miner **BHP entered the Belt in 2023** with the acquisition of Ragnar Metals AB (A\$ 9.8m) leaving Plethora Exploration as the **sole Ni-explorer in the belt**



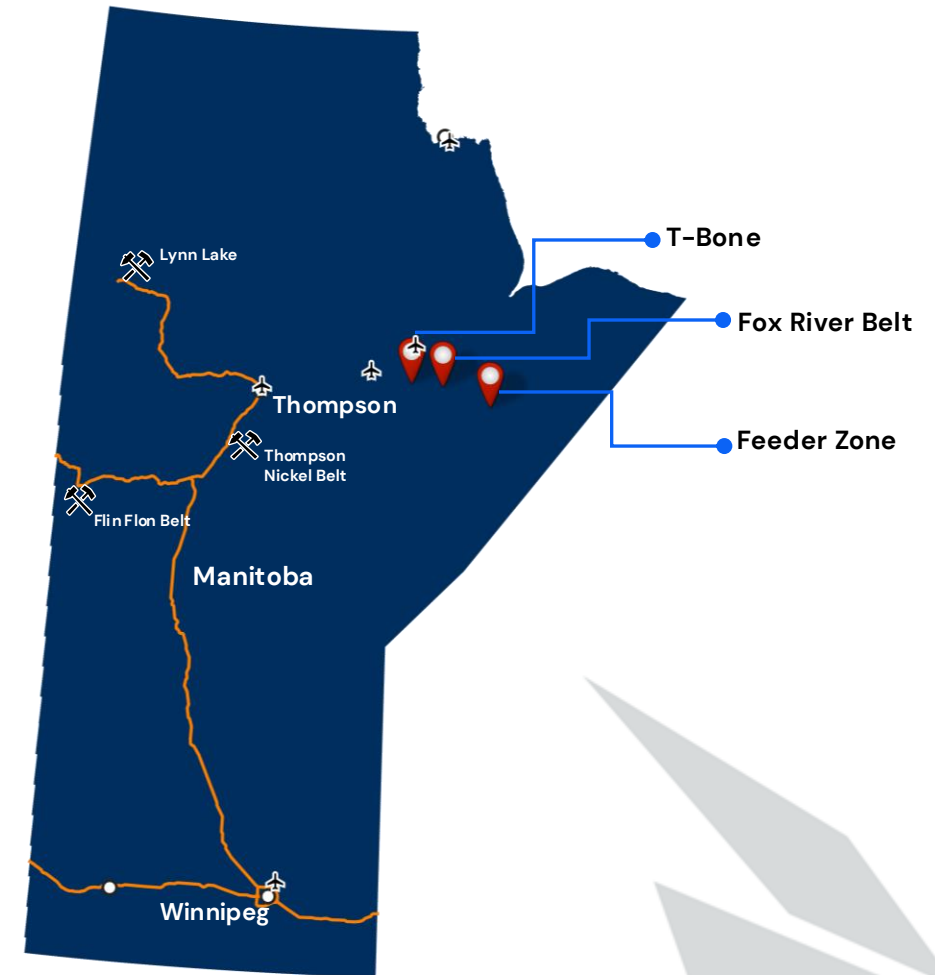
# Norway

- A newly recognised sedimentary copper basin
- **280 km<sup>2</sup> of 100% owned exploration licences**
- Located in Nordland County, the projects have the backing and support at both the municipal and county level
- Fully permitted for drilling and geophysics
- Projects and exploration area are road accessible with nearby infrastructure, clean power and deep-water ports
- Opportunity to develop regional scale copper exploration targets in a newly identified sedimentary basin



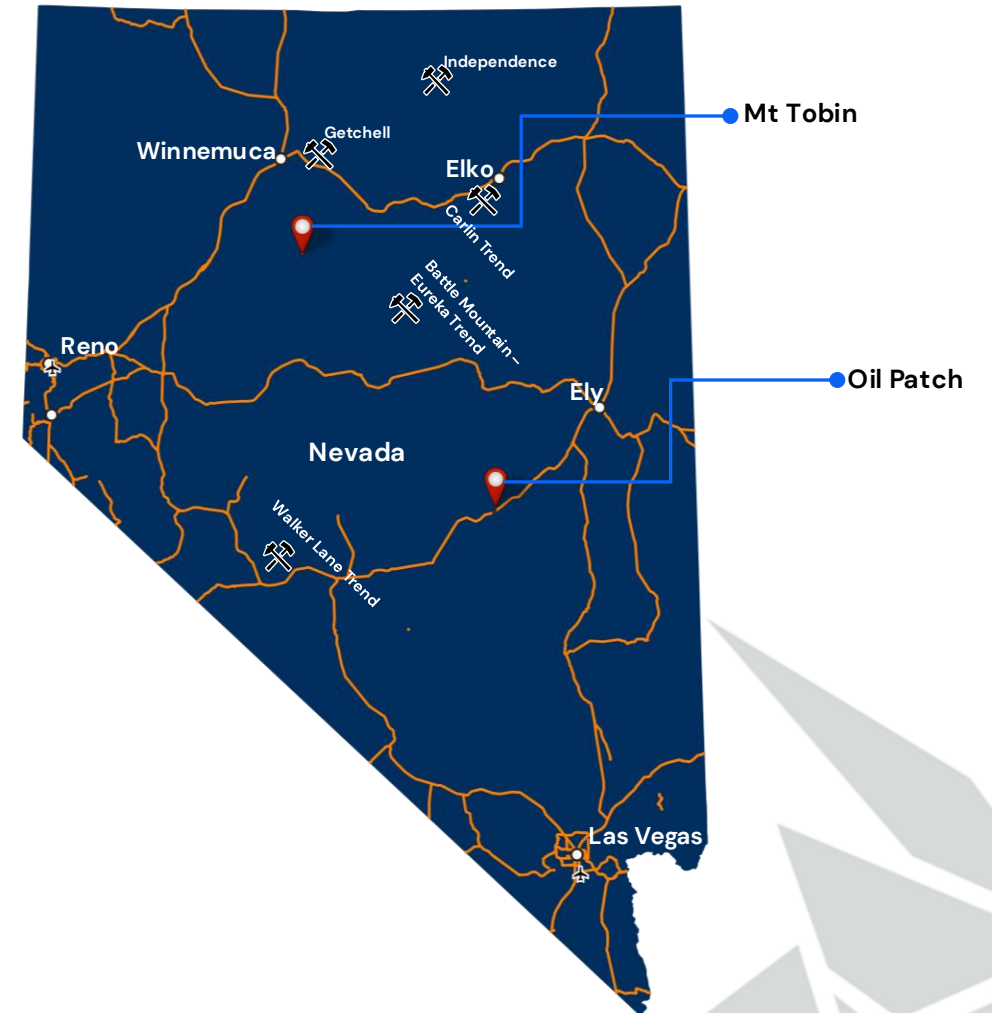
# Manitoba

- The Fox River Belt is prospective for magmatic Ni-Cu-Co deposits and is analogous to the highly productive Thompson and Cape Smith nickel belts
- **767 km<sup>2</sup> of 100% owned exploration licences**
- Belt was explored in the 1960's through to the 1990's but little modern exploration, presenting an opportunity to use new techniques to discover massive Ni-Cu sulphide bodies
- Good working relationship with the local First Nation groups
- Projects and exploration area are accessible by winter road with nearby nearby clean power sources and the nearest railroad 35 km away
- Clear drill targets developed from re-processing of historic geophysics



# Nevada

- Carlin-style and Epithermal Gold projects located in a prolific geological setting
- **34 km<sup>2</sup> of 100% owned mining claims**
- Projects close proximity to some of the most productive gold mines in the world
- Easily accessible by road with nearby rail and infrastructure
- Ability to quickly advance projects through exploration
- Clear drill targets fully permitted





# Plethora Exploration Corp.

## Concluding comments

- Focused on discovery of economically, technically, and socially viable mineral deposits
- A diversified company, exploring in **Tier 1 jurisdictions**, for **critical metals**
- **Projects have been de-risked** through multiple phases of exploration within the private equity model
- Exploring at a time of **surging demand for critical metals**, driven by electric vehicles, and the energy transition
- Jurisdictions becoming increasingly aware of the need to **secure their supply of critical metals**



Photo: Drill rig assembly at the Lille-Leiden Project, Norway

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**Contacts**



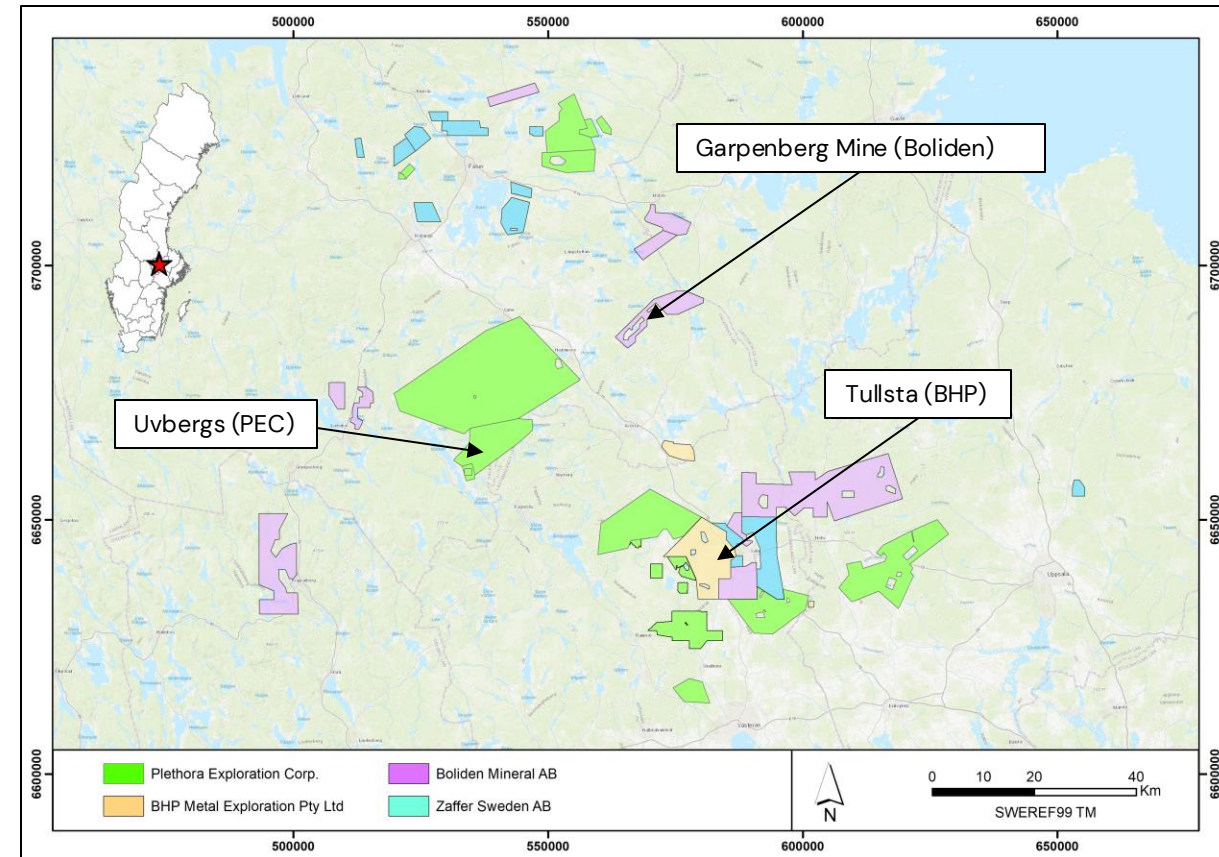
**Plethora**  
EXPLORATION CORP.

# Appendix

# Bergslagen Belt, Sweden

## Regional-scale Ni-Cu exploration

- Plethora Exploration work has demonstrated the Bergslagen Belt is **prospective for magmatic Ni-Cu-Co deposits**, something previously un-recognised
- Almost no exploration work conducted for Ni sulphide deposits, presenting significant opportunities for discovery
- **Plethora Exploration controls the vast majority of the favourable geology** in the Bergslagen Belt (1,130 km<sup>2</sup> of 100% owned licences)
- World's largest miner **BHP entered the Belt in 2023** with the acquisition of Ragnar Metals AB (A\$ 9.8m) leaving Plethora Exploration as the **sole junior Ni-explorer in the belt**
- Belt also hosts active modern mines for VMS deposits, namely Garpenberg Mine (Boliden) and Zinkgruvan (Lundin)

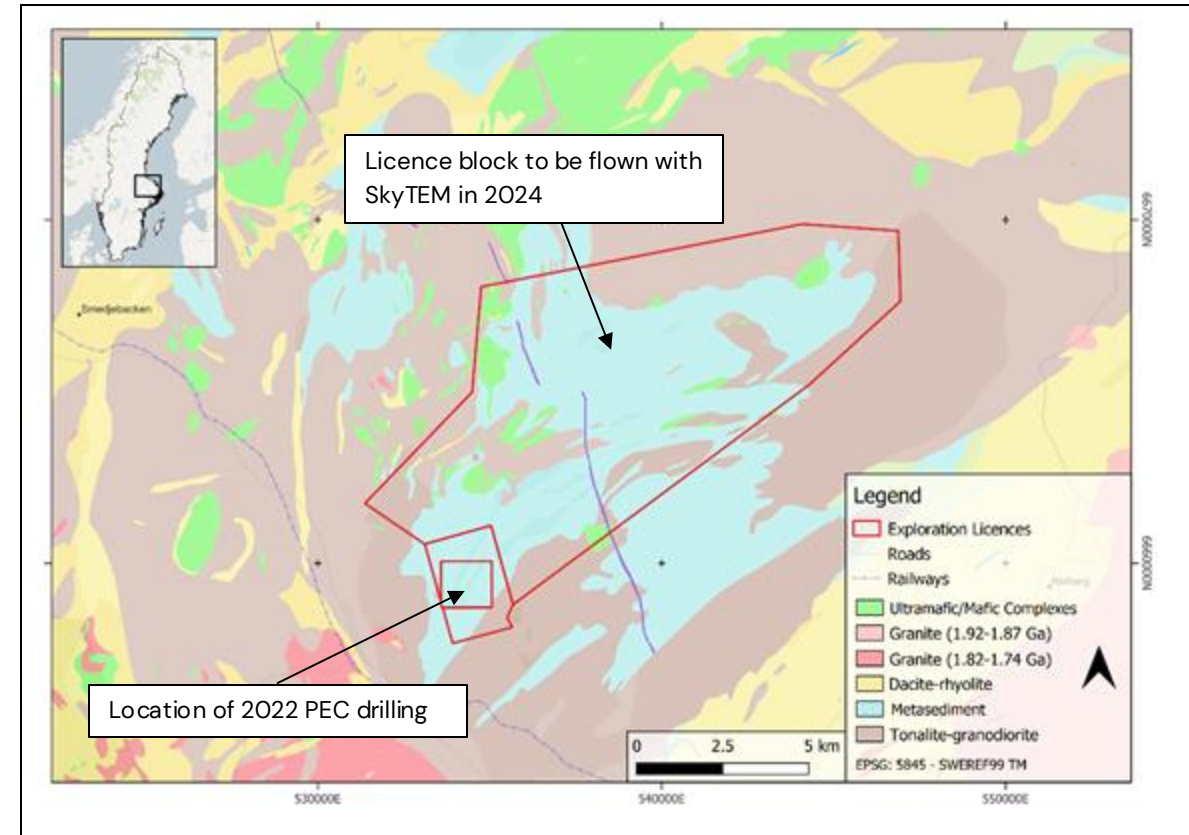


Map of the Bergslagen Belt showing PEC licences in green, plus BHP and Boliden land positions

# Uvbergs, Sweden

## Key facts

- A key project within the Bergslagen Belt, a newly recognised **magmatic Ni-Cu-Co discovery**
- PEC conducted geophysical surveys across the project which revealed numerous conductive anomalies suggestive of Ni mineralization
- Plethora Exploration conducted a 2,000 m drill program in Q2 2022, targeting the geophysical features coincident with outcropping mineralization
- Drilling successfully intercepted nickel sulphide mineralization: **8.7 m @ 0.51% NiEq<sup>2</sup>\*** including; **0.9 m @ 3.29% NiEq<sup>2</sup>\***. The host intrusive rock and mineralization remain untested at depth and laterally in both directions
- Geophysical features from Borehole Electromagnetics (BHEM) conducted after the drilling remain untested



Overview map showing the Uvbergs licence block, the target mafic intrusive rocks in green, the location of the 2022 drill program

<sup>1</sup> CuEq = 1Cu + 5.14Co + 3.1Ni

<sup>2</sup> NiEq = 1Ni + 0.32Cu + 1.65Co + 0.21Au + 0.17Pd + 0.11Pt

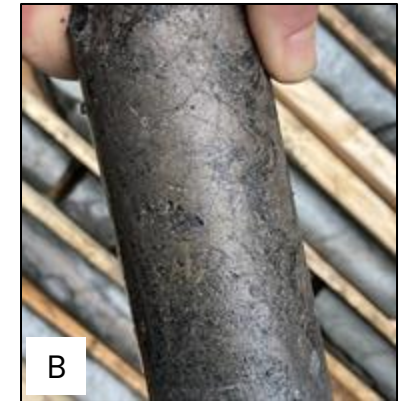
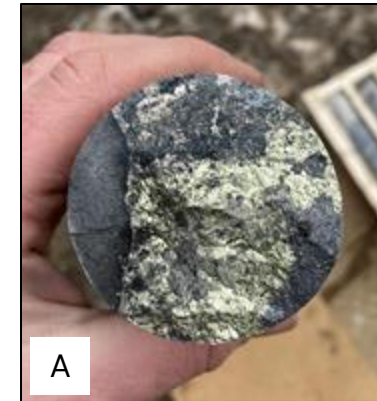
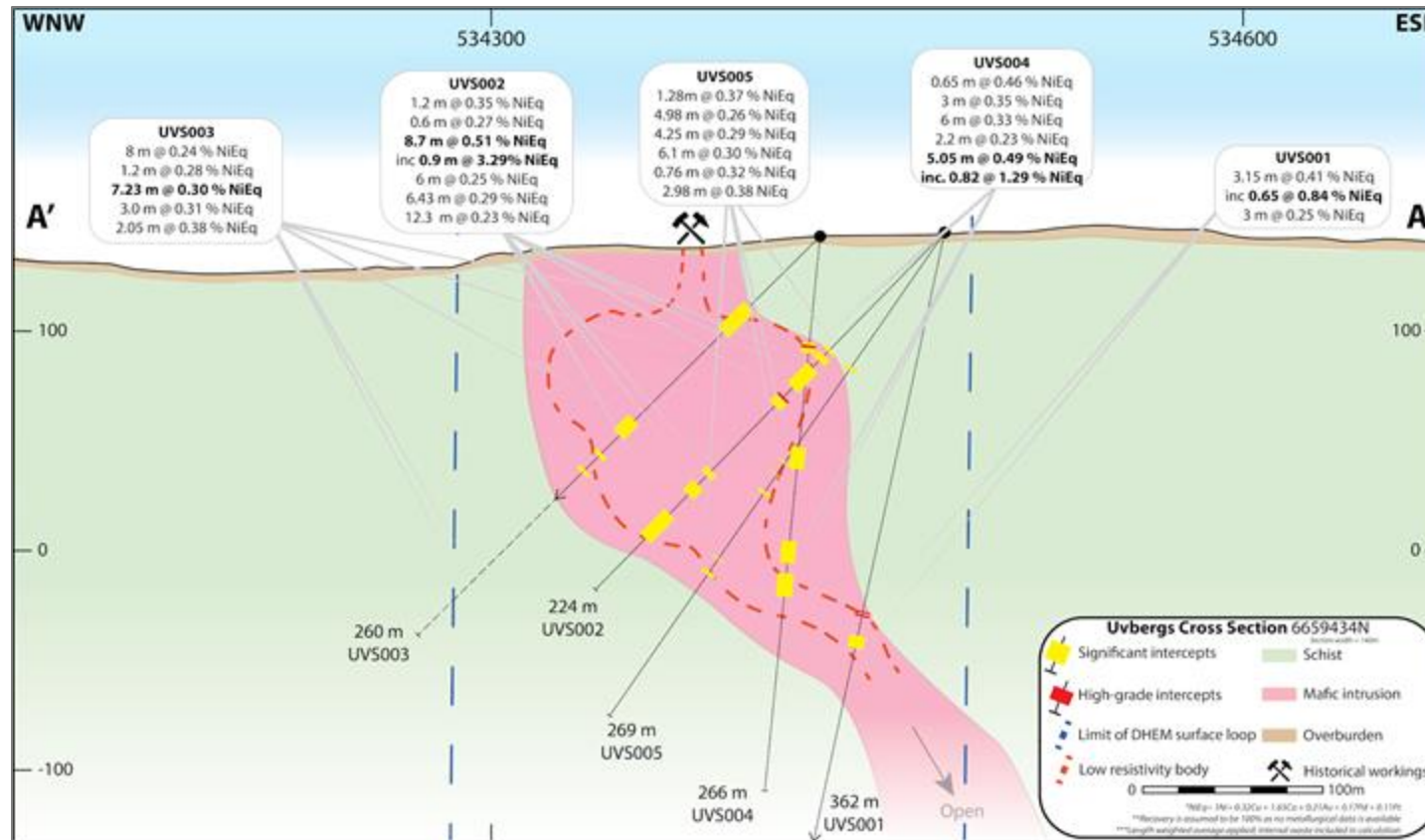
\*Metal price data from LME on 27/01/2023

\*Recovery is assumed to be 100% as no metallurgical data is available

\*Length weighted average applied; internal waste included in calculation

# Uvbergs, Sweden

## 2022 Drilling Results



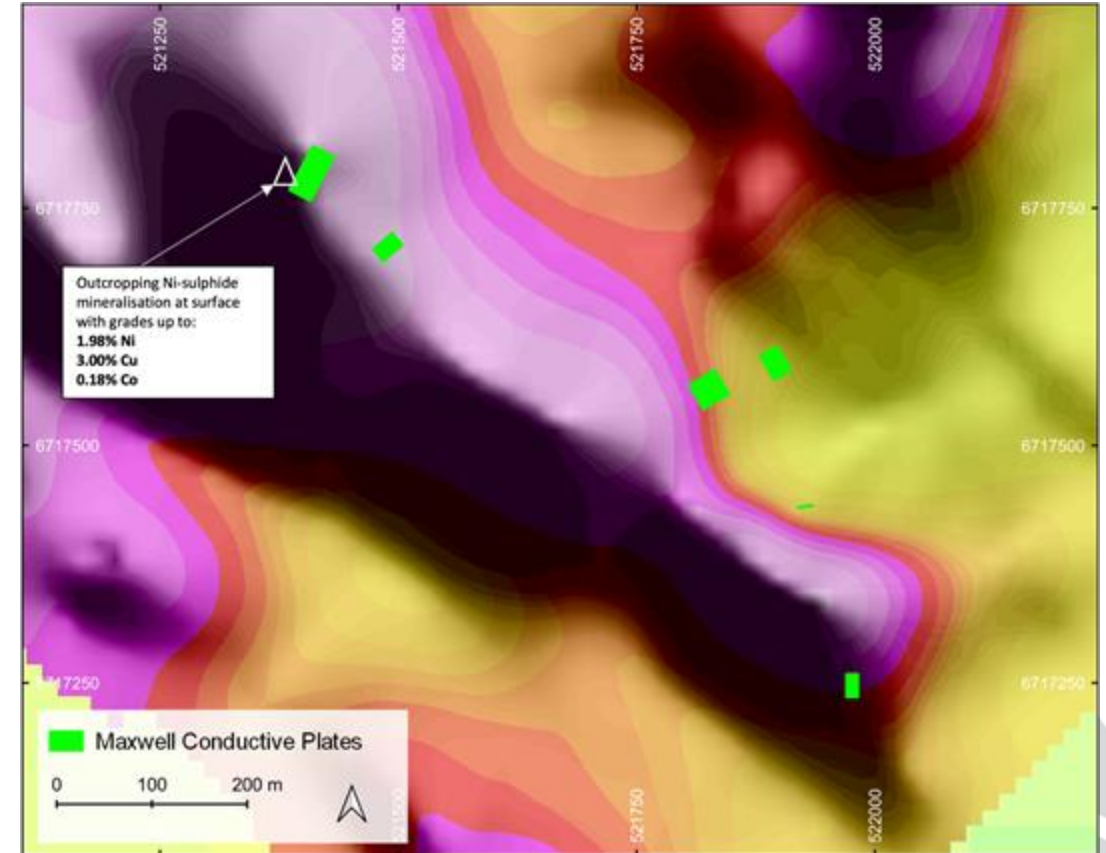
Cross-section view of the 2022 Uvbergs drill program. Interpreted target mafic rock is highlighted in pink with significant Ni intersections marked on the drill traces. The mafic rock and mineralization remains open and untested in all directions

A. Semi-massive sulphide mineralization B. Massive sulphide mineralization. C. Mineralization in bands and veinlets. D. Disseminated mineralization

# Kuså, Sweden

## Key Facts

- The project sits in the northern margin of the Bergslagen Belt, identified as being prospective for Ni-Cu sulphide
- Surface sampling and geological mapping by Plethora Exploration identified economic grades in rock chips and waste piles with grades up to **1.98% Ni, 3.00% Cu, 0.18% Co, 0.5g/t 3PGE**
- Follow-up airborne and ground geophysical surveys identified strong conductive features coincident with surface sampling, historic mine workings, and an extensive body of favorable host rock
- 2,000 m of drilling is planned to test the identified conductive features and the depth and strike extend of mineralization observed at surface

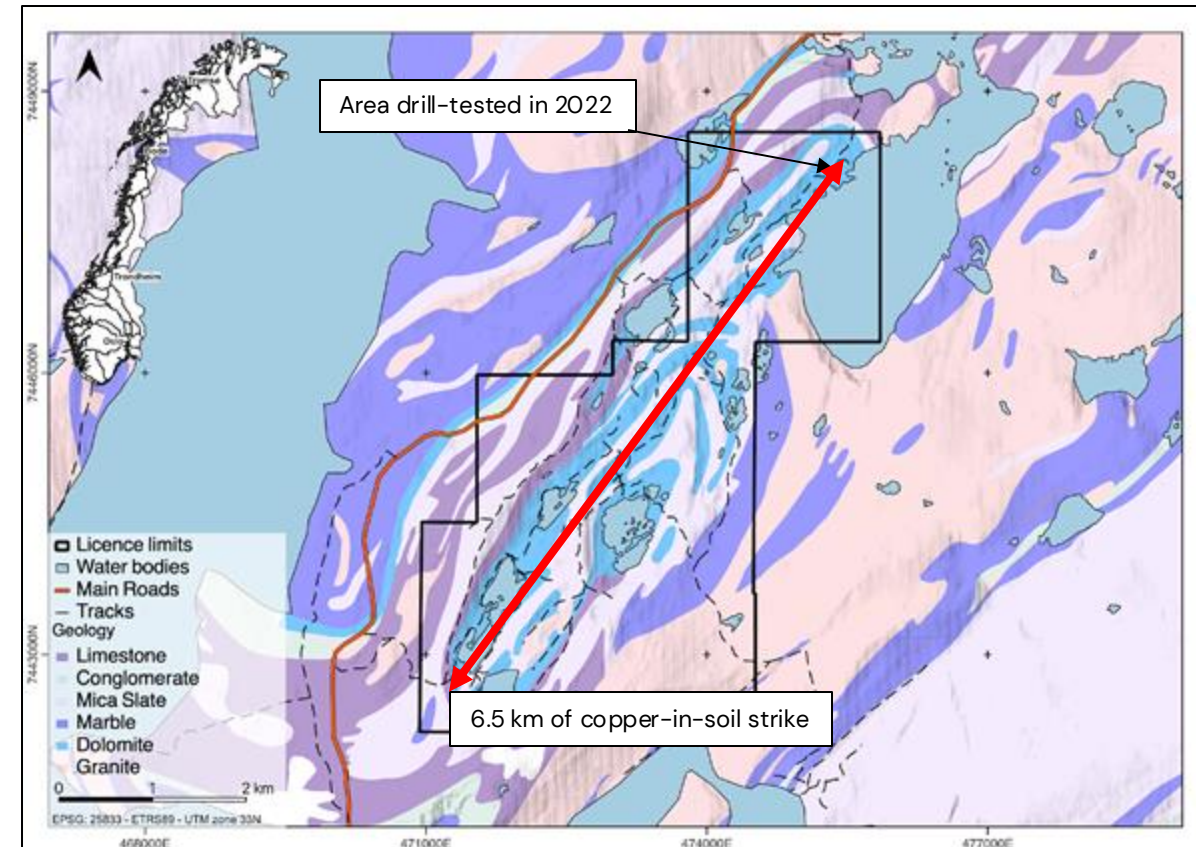


Total magnetic intensity map picking out host intrusive rocks in pink. Modelled conductive targets displayed as green plates

# Frostmoen, Norway

## Key facts

- Target is **sediment-hosted Copper**
- The project was discovered through mapping and prospecting by PEC geologists
- A historic adit from the 1800's and and outcropping mineralization are present in the very north of the project
- A property wide surface geochemical survey identified a **6.5 km long multi-element (Cu, Ag, Ni, Co, As, Sb) anomaly**
- The large geochemical anomaly is suggestive of an extensive **large-scale mineral system**
- PEC tested the northern point of the project around the outcropping mineralization with a 1,200 m drill program completed in 2022,. Drilling successfully intersected Cu mineralization. Drill results include: **54.5 m @ 0.51% CuEq<sup>1</sup>**, **16.5 m @ 0.84 CuEq<sup>1</sup>** and **7.05 m @ 1.06% CuEq<sup>1</sup>**



Overview map showing the Frostmoen licence block, the target dolomite rock in blue, and the copper-in-soil anomaly

<sup>1</sup> Cu Eq= 1Cu + 5.14Co + 3.11Ni

<sup>2</sup> NiEq= 1Ni+ 0.32Cu + 1.65Co + 0.21Au + 0.17Pd + 0.11Pt

\*Metal price data from LME on 27/01/2023

\*Recovery is assumed to be 100% as no metallurgical data is available

\*Length weighted average applied; internal waste included in calculation



# Frostmoen, Norway

## 2022 Drill Results

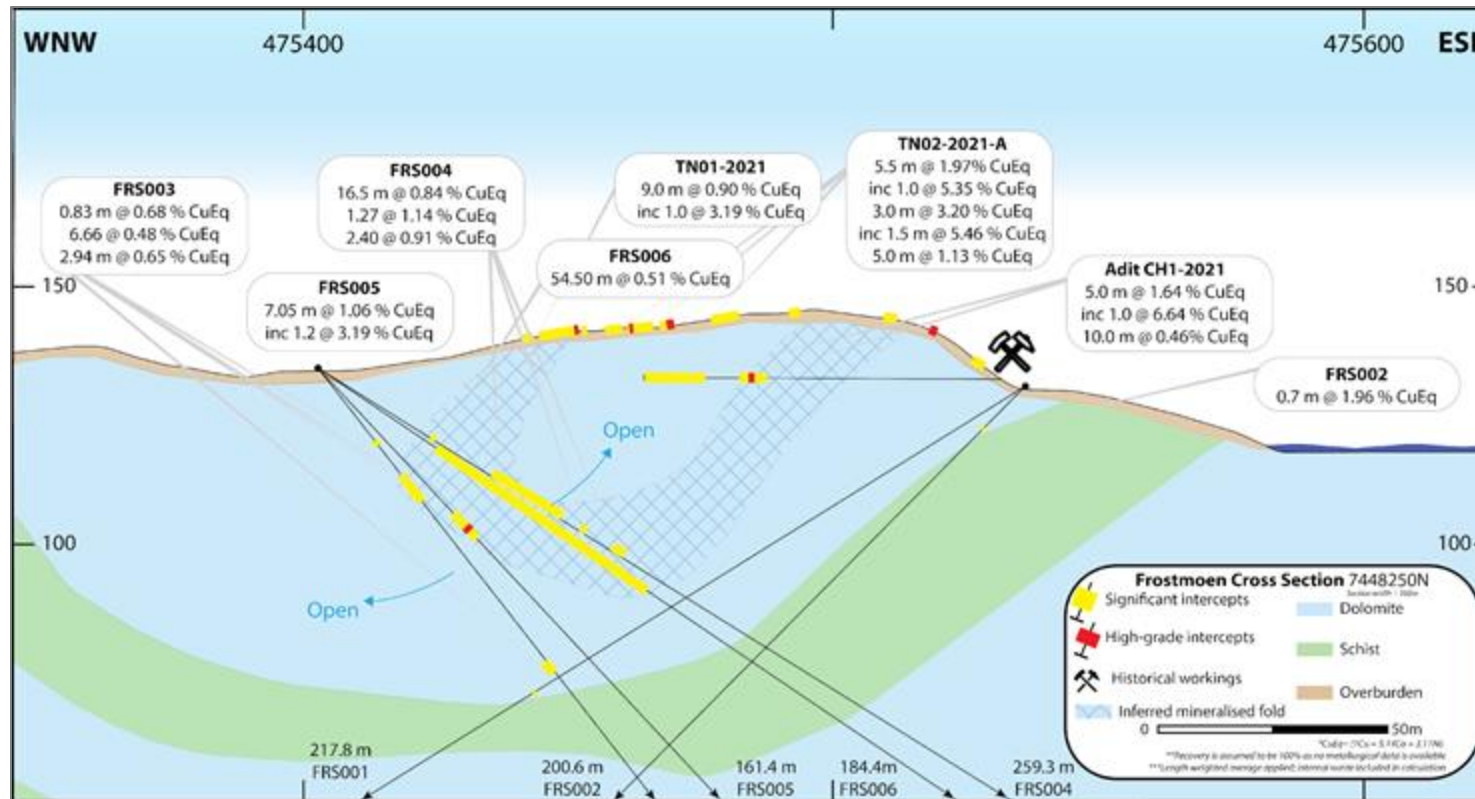


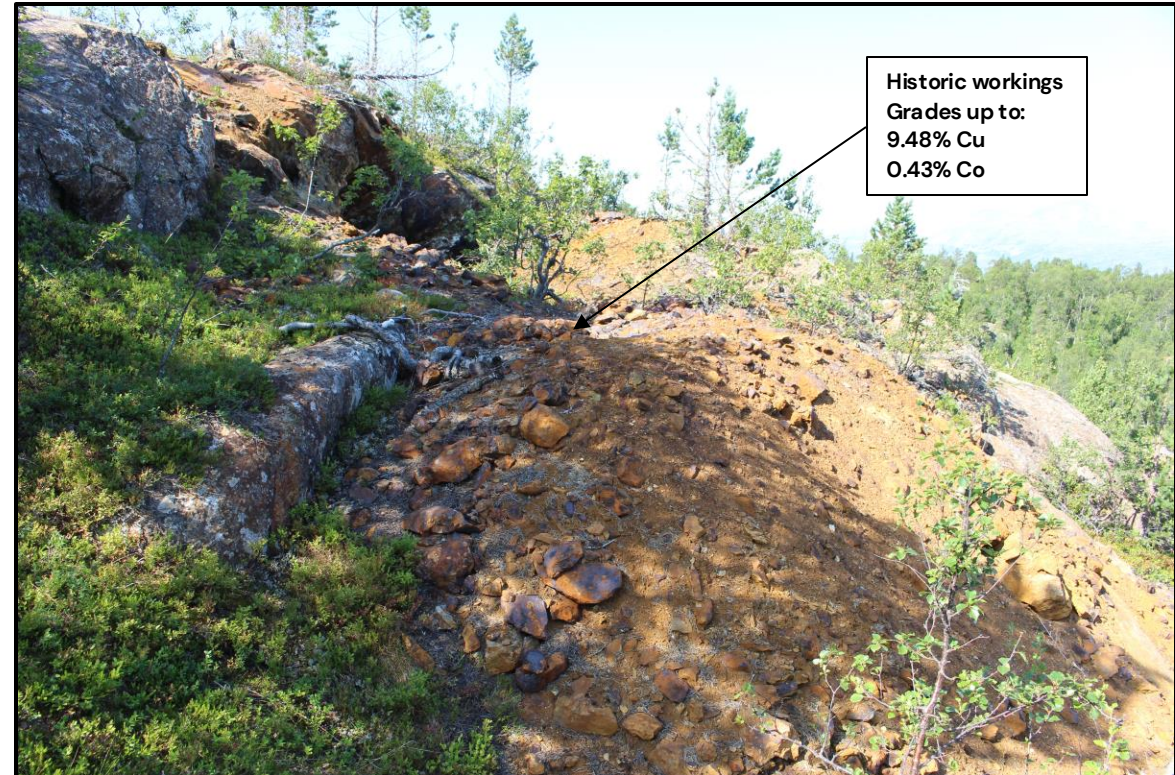
Image of Cu mineralization in Frostmoen drill core

Cross-section view of the 2022 Frostmoen drill program. Significant intercepts are marked on drill traces. The mineralization remains open in all directions

# Misvær, Norway

## Key facts

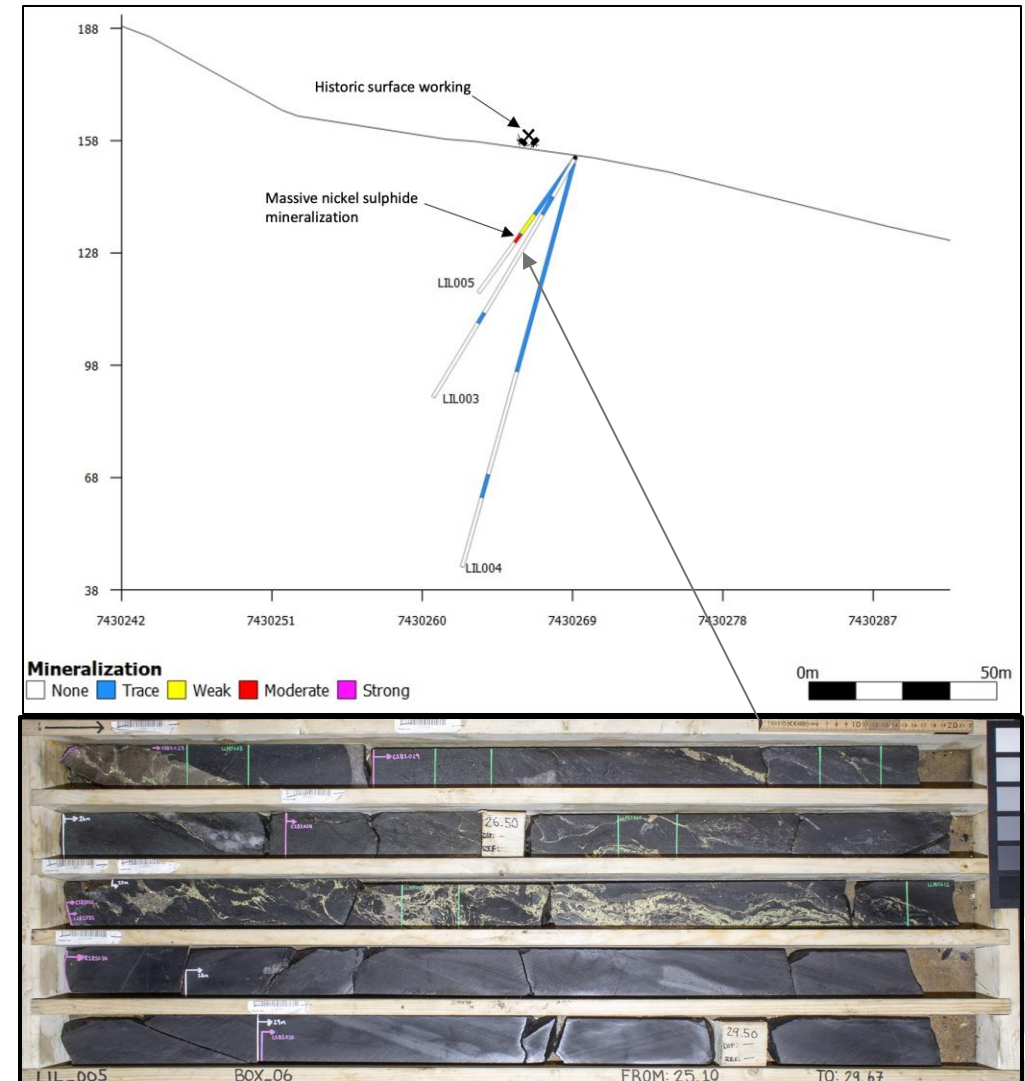
- Target type is **Cu-Co Volcanic Massive Sulphide**
- Mapping and sampling by Plethora geologists revealed **high-grade Cu-Co mineralization at surface**
- No historic work on the project, other than small pits and workings from the late 1800's
- 32 rock chip samples collected by Plethora returned grades of up to **9.48% Cu and 0.43% Co**
- Mineralization yet to be tested through EM geophysics and drilling
- Magnetic surveys and mapping revealed the extension of the geology in an arc to the south other regional scale prospectivity



# Lille-Leiden, Norway

## Key facts

- Target type is **magmatic Ni-Cu-Co**
- **Mapped and sampling by Plethora geologists revealed high-grade Ni-Cu mineralization at surface**
- A historic surface geophysical survey cover the area, and data suggested mineralization may extent to depth
- Plethora conducted a first ever 600 m drill program on the project in 2023, the drilling successfully intersected Ni-Cu mineralization, results included: **2.78 m at 1.31% Ni, 2.17% Cu, 399 ppm Co (2.46 % NiEq) from 25.1 m**
- **Initial drilling has indicated the potential for high-tenor Ni-Cu mineralization on the project**

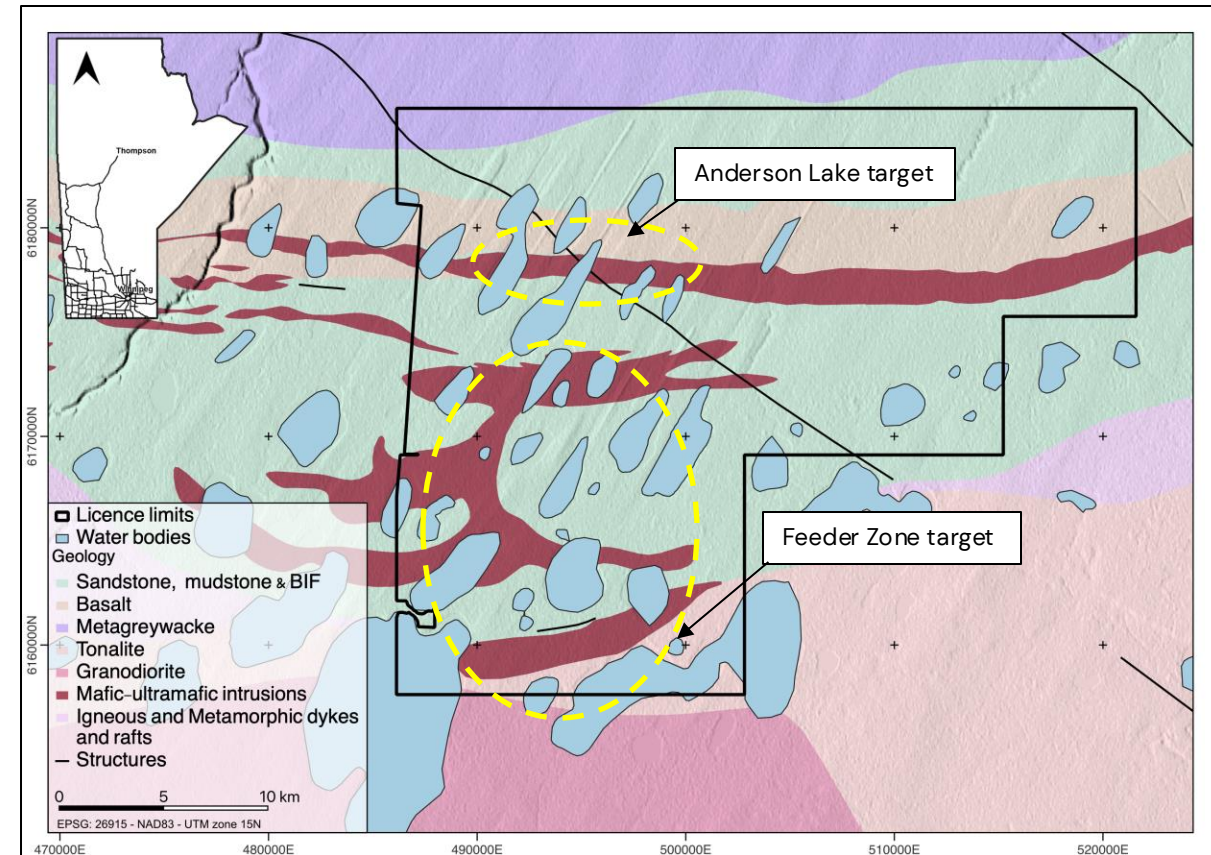


Top: Cross section view of the 2023 drill program at Lille-Leiden  
 Bottom: Mineralized drill core from the program

# Fox River Belt (Feeder Zone and T- Bone), Manitoba

## Key facts

- The Fox River belt is a regional scale exploration target, containing the Feeder Zone project and T-Bone project, the target commodity is **magmatic Ni-Cu-Co**
- The Fox River belt was identified by Plethora geologists as being highly prospective for magmatic nickel sulphides, and has analogous geology to the famous Thompson and Cape Smith nickel belts
- The geological belt has seen very little modern exploration work, despite the prospectivity for Ni-Cu sulphide deposits. However good quality historic geophysical data is widespread and available to aid in PEC's exploration
- Remodelling of historic geophysical surveys identified **strong late-time airborne and ground conductors**; Conductors are often directly correlated to massive sulphide mineralization and represent high priority drill targets
- Limited historic drilling in the exploration area returned grades of up to **2.0 m @ 1.45% Ni**

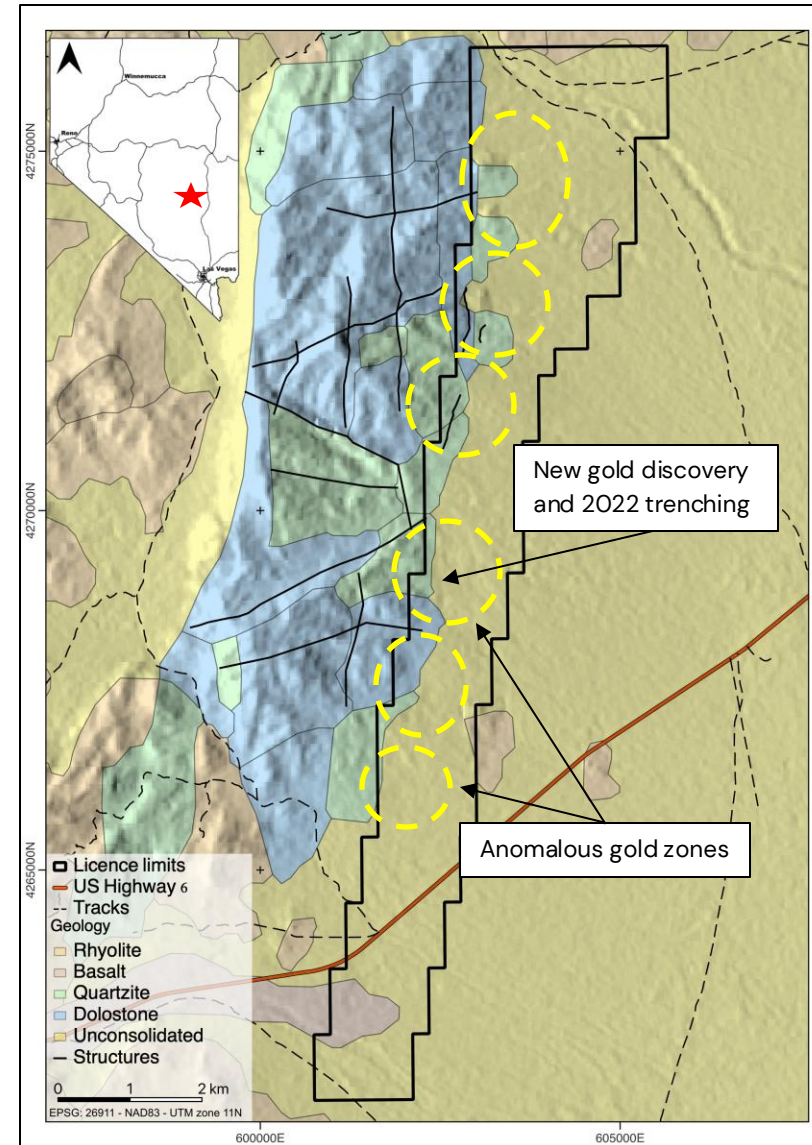


Overview map showing the Feeder Zone licence block and the target mafic geology in dark red

# Oil Patch – Nevada, USA

## Key facts

- Target deposit type and commodity is **Carlin-style gold**
- Easily accessible with good infrastructure and in a world-class mining jurisdiction
- Field work conducted by Plethora Exploration has demonstrated high-grade gold mineralization (**9.6 g/t Au**) in the highly prospective Devils Gate rock formation.
- Surface trenching results included: **72.0 m @ 0.23 g/t Au and 30.0 m @ 0.30 g/t Au**, including higher grade zones up to **3.7 m @ 1.43 g/t Au**
- Active gold mines in Nevada are open-pit mining with grades of ~0.4 g/t Au
- Mineralization remains open and untested in both directions along the trenches. Geological mapping and sampling suggests the **potential for an extensive Carlin-style gold system**

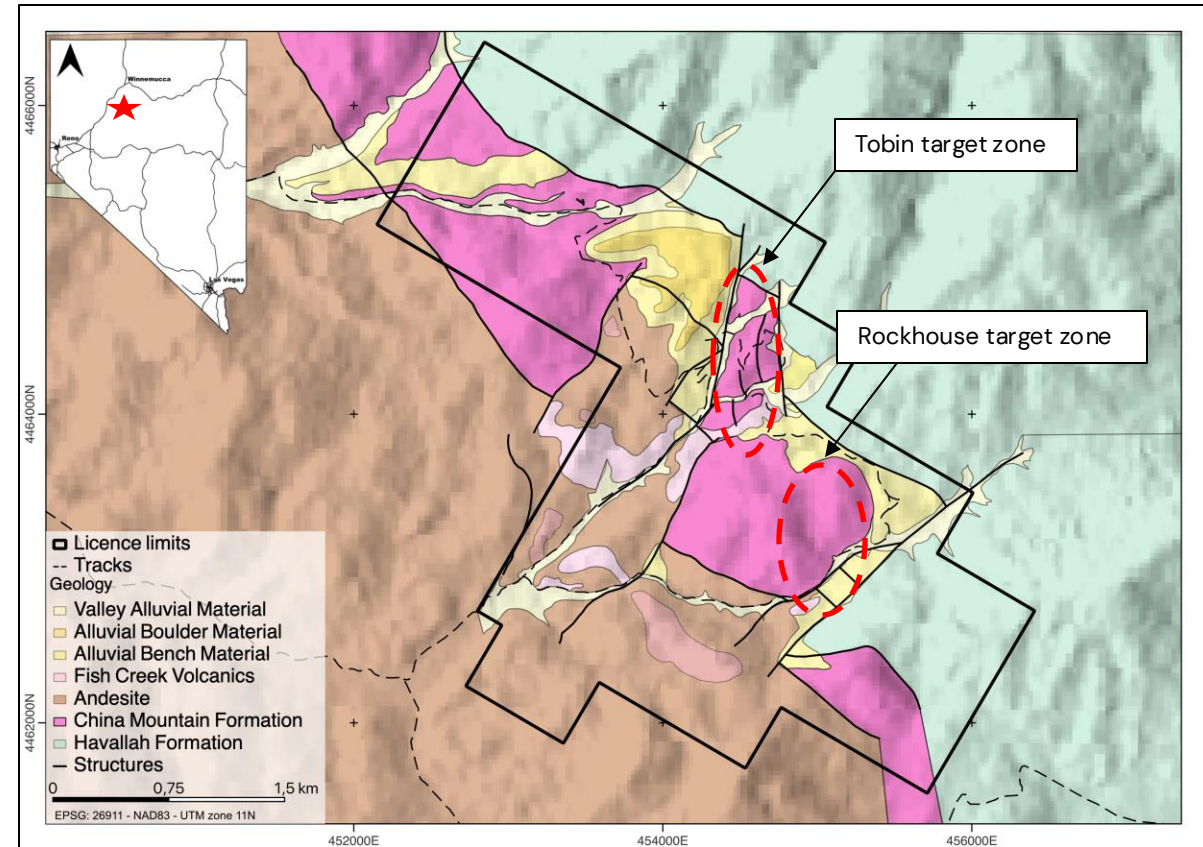


Overview map showing the Oil Patch licence block, the project geology, the main area of mineralization discovered in 2022, and the local infrastructure

# Mt Tobin – Nevada, USA

## Key facts

- Target deposit type and commodity is **low sulphidation epithermal gold**
- Field work conducted by Plethora Exploration yielded rock chip samples of up to **9.83 g/t Au** and two continuous chip channel samples of **6.0 m @ 3.34 g/t Au** and **1.0 m @ 8.68 g/t Au**
- A soil survey and geological mapping identified multiple zones of anomalous pathfinder elements and alteration associated with low sulphidation gold systems. These anomalous zones appear to be structurally complex and make compelling drill targets
- A geophysical survey (CSAMT) demonstrated the the project is cut by deep-seated structural features,, which represent direct drill targets



Overview map showing the Mt Tobin licence block, the project geology, the high-grade surface mineralization