

Exploring for Future Demand

May 2024



Forward Looking Statements

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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.



Aim	Discovery of an economically viable mineral deposit in a responsible way
Strategy	Exploring for critical minerals in Tier 1 jurisdictions, with ground-up exploration work, building and advancing a portfolio of high-potential projects
Catalyst	Listing in H2 2024 to advance key projects through the "Discovery Phase" of exploration



Plethora Exploration Corp.

Introduction

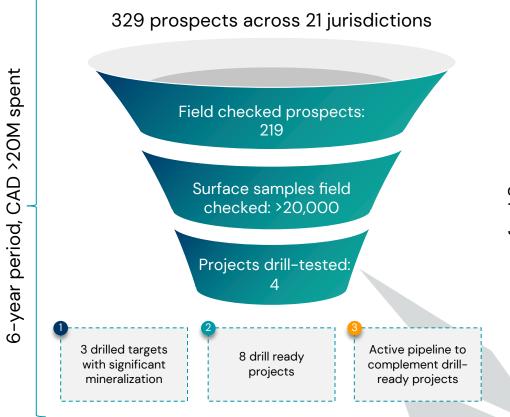
- Ground-up exploration company, targeting critical metals, in top-tier jurisdictions
- All projects incubated and established through Plethora since 2018
- Established a **portfolio of drill-ready projects**, targeting nickel, copper and cobalt across Sweden, Norway, Manitoba and Nevada
- Multiple drilling and geophysical programmes starting in Q4 2024



Explore to Kill Strategy

Niche in the Market

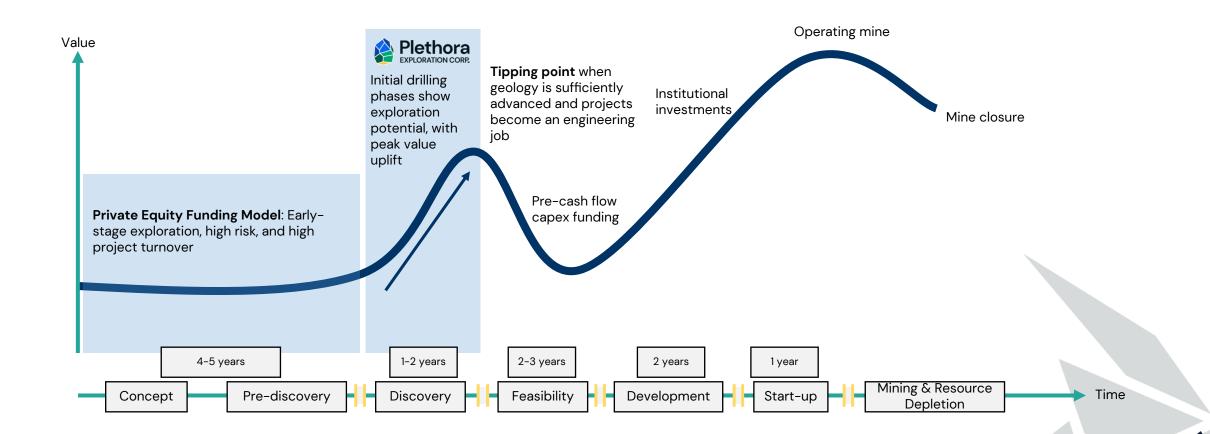
- Plethora was established in 2018 specifically to target the niche of early-stage and conceptual exploration
- This niche has been under-funded for decades, resulting in few ground-up discoveries, but presenting opportunities to build beltscale portfolios in strategically key jurisdictions
- The **use 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 exploration risk has been removed





The Exploration to Mining Cycle

Focused on value-accretive Discovery Phase





Plethora Management and Advisors



Daniel James | CEO

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

President of Medgold Resources from 2012 to 2019, leading a new gold-silver discovery in Serbia (May 2018)

COO to Plethora Private Equity (2019-2023)



Sam Walding | President 6 years mineral exploration experience across

Europe and North America.

8 years in the British Army developing strong leadership, strategy, and operational skills.

CEO of Infinico Metals Corp.

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



Advisory Board

Dr. Richard Sillitoe | Technical Advisor

+45 years experience, world renowned

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 Advisor

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

Advisory Board



Nicke

Copper

Project Portfolio

Highlights

• **Drill-ready projects** established in Norway (Cu and Ni), Sweden (Ni-Co), Manitoba (Ni) and Nevada (Au)

*

Nicke

Gold

- First Mover in a newly identified Large Igneous
 Province in Sweden, with BHP recently acquiring
 Ragnar Metals AB, and significant mineralization
 identified in drilling at Uvbergs
- First Mover in a newly identified sediment-hosted copper belt in Norway, with significant mineralization intercepted in drilling, sitting within a +6 km anomalous zone
- Reprocessing of historical data in Manitoba has identified multiple conductor plates requiring targeted drilling
- New younger aged Carlin-style gold system discovered in Nevada, with +9 g/t Au at surface, and multiple kms of anomalous strike

Underlying Royalties

- 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 claim
- 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.

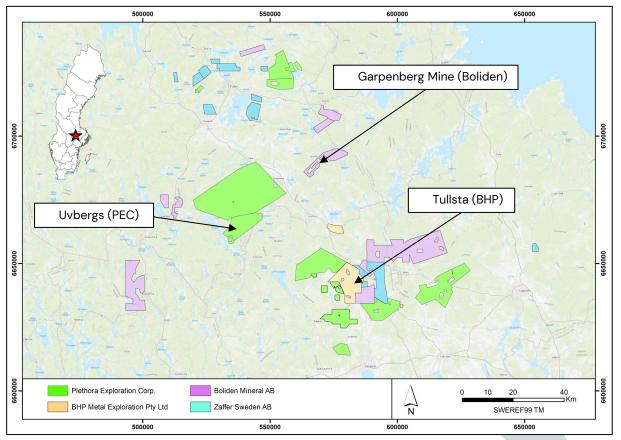
Frostmoen, Kuså, Uvbergs, Vittinge, Flint hill, Misvær, Uvbergs Extension & Vittinge projects are subject to a 2.0% Net Smelter Royalty

Sweden's Bergslagen Belt



Regional-scale exploration

- The Bergslagen Belt is **highly favourable for Ni-Cu-Co deposits**, yet is under-explored by modern techniques, presenting significant opportunities for discovery
- Plethora Exploration controls the vast majority of the favourable geology in the Bergslagen Belt (<u>>1,000km²</u>)
- 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)
- Airborne geophysics (SkyTEM) will be conducted over the entirety of the land package in the Bergslagen Belt aiming to generate additional Ni-sulphide drill targets

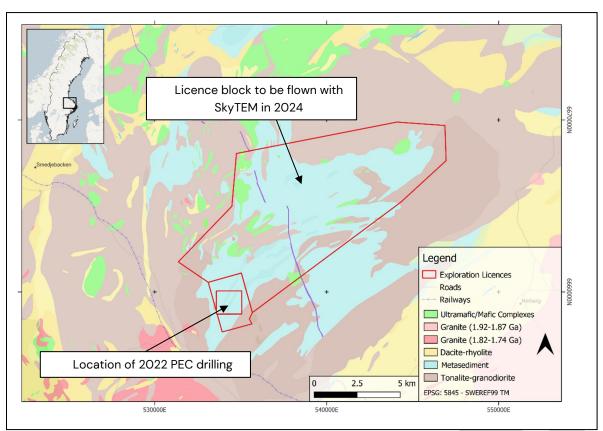


Bergslagen Belt showing PEC licences in green, plus BHP and Boliden



Uvbergs, Sweden

- Target type is magmatic Ni-Cu-Co
- Uvbergs land package is 9,180 Ha, 100% owned by Plethora Exploration, and located 2 hours northwest of Stockholm
- Plethora Exploration conducted a 2,000 m drill program in Q2 2022, targeting EM features coincident with mine workings from the 1700's
- Drilling results include: 8.7 m @ 0.51% NiEq^{2*} including; 0.9 m @ 3.29%
 NiEq^{2*}. Mineralization and geology remain open at depth and along strike in both directions
- Nickel tenor calculations of 2–5% Ni (from massive sulphide mineralization)
- Further work will involve a SkyTEM survey over licence block, plus further drilling to test the depth and strike extent of mineralization

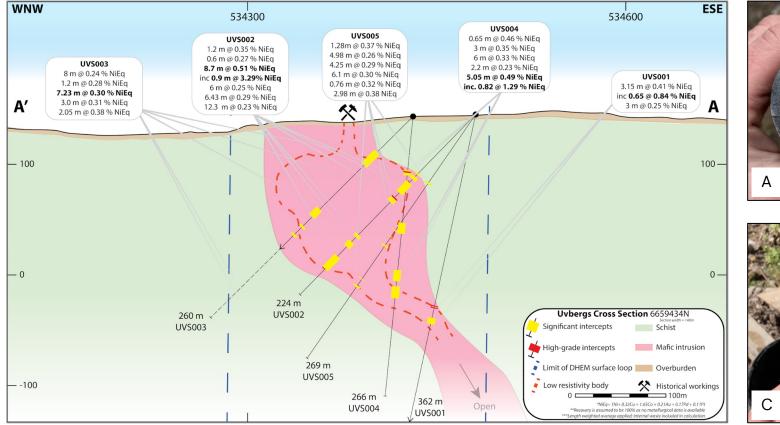


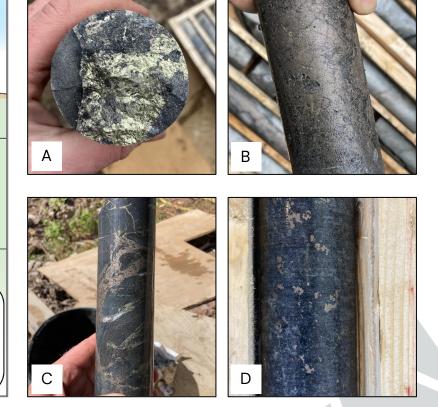
Overview map showing the Uvbergs licence block, the target mafic intrusive rocks in green, the location of the 2022 drill program



Uvbergs, Sweden

2022 Drilling Results





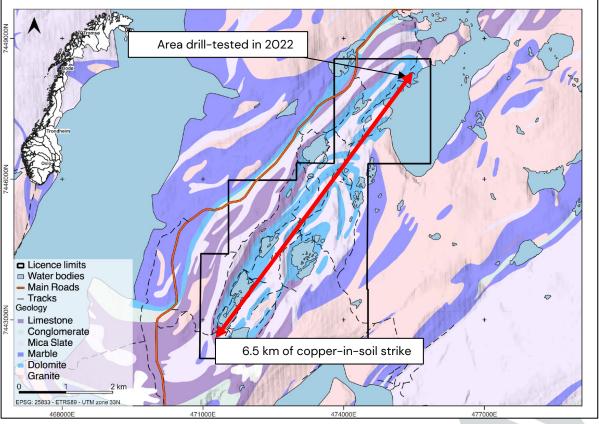
Cross-section view of the 2022 Uvbergs drill program. Interpreted target mafic rock is highlighted in pink with significant Ni intersections marked on the drill traces. The mafic rock and mineralization remains open and untested in all directions

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



Frostmoen, Norway

- Target is sediment-hosted Cu-Co-Ni
- The Frostmoen land package is 1,784 Ha and 100% owned by Plethora Exploration
- Very good infrastructure, clean energy sources, and Cu-Co smelters nearby
- A 6.5 km long multi-element soil anomaly coincident and along strike from known mineralization suggest the potential for a strike extensive large-scale mineral system
- A 1,200 m reconnaissance drill program completed in Oct 2022 intersected high-grade Cu mineralization. Drill results include: <u>54.5 m @ 0.51% CuEq</u>^{1*}, 16.5 m @ 0.84 CuEq^{1*}and 7.05 m @ 1.06% CuEq^{1*}
- Further drilling will enable the true thickness and strike extend to be tested

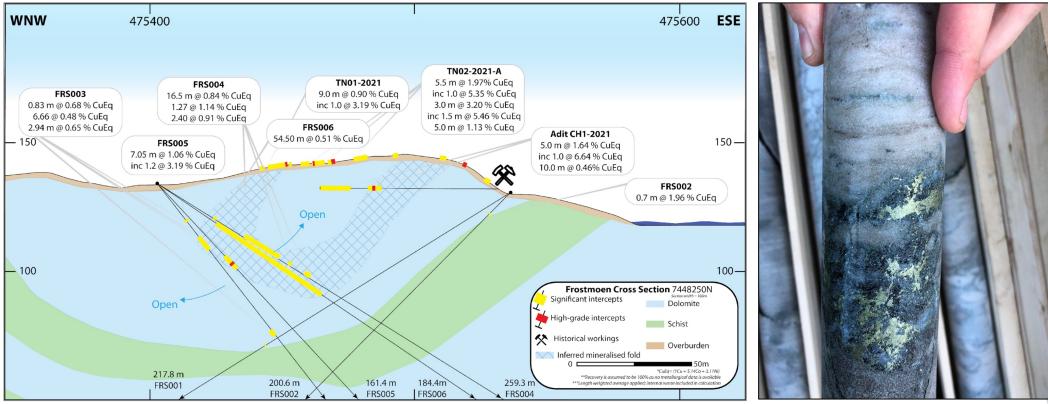


Overview map showing the Frostmoen licence block, the target dolomite rock in blue, and the copper-insoil anomaly



Frostmoen, Norway

Geology



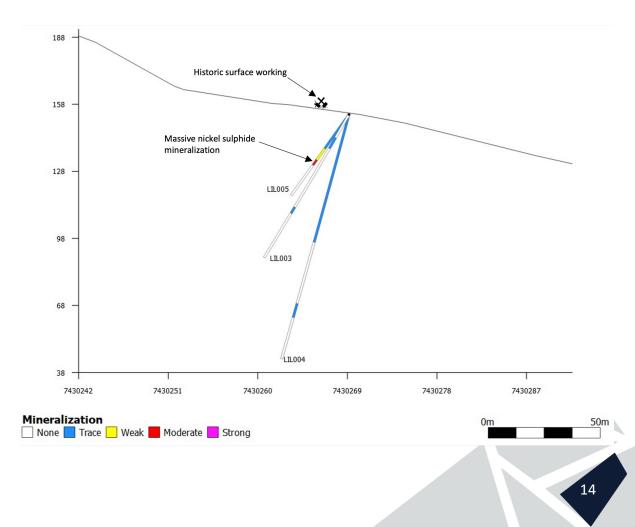
Cross-section view of the 2022 Frostmoen drill program. Significant intercepts are marked on drill traces. The mineralization remains open in all directions

Image of Cu mineralization in Frostmoen drill core



Lille-Leiden, Norway

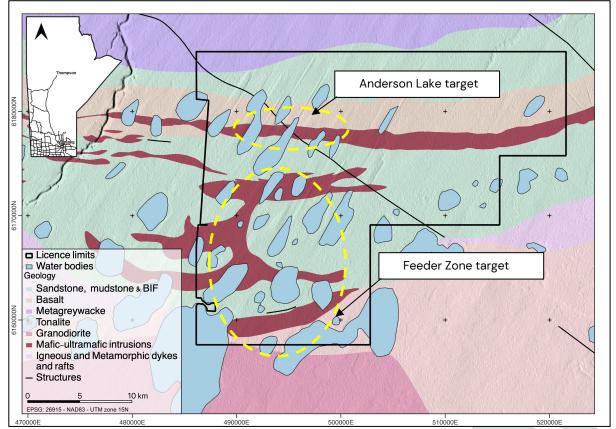
- Target type is magmatic Ni-Cu-Co
- The Lille–Leiden land package is ~7,000 Ha, located 30 km SE of Bodø and 15 km from the Frostmoen Project, and 100% owned by Plethora Exploration
- Project is centred on a small-scale Ni-Cu historical working, with limited historical exploration
- 2.78 m at 1.31% Ni, 2.17% Cu, 399 ppm Co (2.46 % NiEq) from 25.1 m Including: 0.34 m at 4.31% Ni, 2.47% Cu & 979 ppm Co (5.70% NiEq).
- Average nickel tenor of 7.9 % over the 2.78 m intersect and up to 9.3 %.
- High-grade nickel and copper intersected from massive sulphide mineralization coincident with high-grade historical surface workings.





Feeder Zone – Manitoba, Canada

- Target is magmatic Ni-Cu-Co
- Land package is 57,596 Ha. A 5,304 Ha claim covering two drill targets is subject to an option agreement with Kenorland Minerals Inc. Plethora Exploration has the right to acquire 100%. The remaining claims are 100% owned by Plethora Exploration
- Remodelling by Plethora Exploration of historic geophysical surveys at identified **strong late-time airborne and ground EM conductors**; EM conductors are often directly correlated to massive sulphide mineralization and represent high priority drill targets
- Limited historic drilling in the licence block returned grades of up to 2.0
 m @ 1.45% Ni
- Drill-ready: test EM targets identified in re-modelling of historic data. Follow-up with DHEM geophysics to help identify additional drill targets

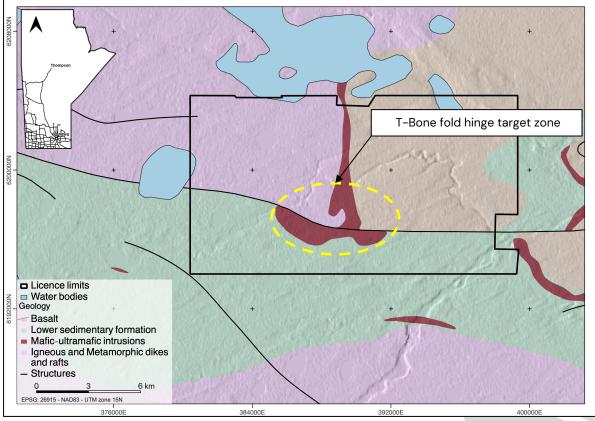


Overview map showing the Feeder Zone licence block and the target mafic geology in dark red



T-Bone – Manitoba, Canada

- Target is magmatic Ni-Cu-Co
- Land package is 19,096 Ha. A 5,153 Ha claim covering the main target zone is subject to an option agreement with Kenorland Minerals Inc.
 Plethora Exploration has the right to acquire 100%. The remaining claims are 100% owned by Plethora Exploration
- Geological and geophysical interpretation by Plethora Exploration has identified a strike-extensive and structurally-complex geophysical feature interpreted to be a magmatic mafic intrusive body, an ideal host rock for Ni-sulphide mineralization
- The interpreted body is folded and historic **EM geophysics indicates a conductive zone at the fold hinge**, this is a high priority drill target, yet no previous physical mineral exploration has been undertaken
- The T-Bone target is drill-ready. Borehole EM geophysics will aid in identifying additional follow-up drill targets and guide towards massive sulphide mineralization



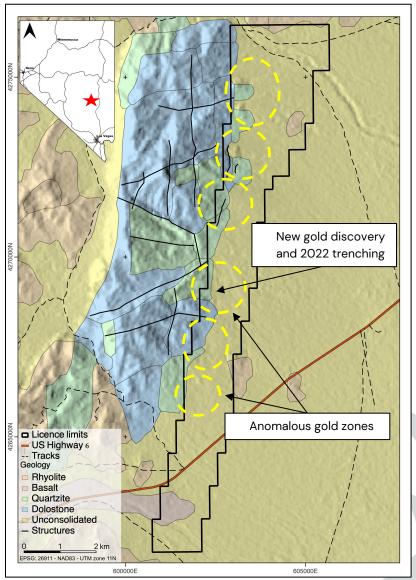
Overview map showing the T-Bone licence block and target geology in dark red



Oil Patch – Nevada, USA

Key facts

- Target deposit type and commodity is Carlin-style gold
- Land package is 2,416 Ha and 100% owned by Plethora Exploration
- 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

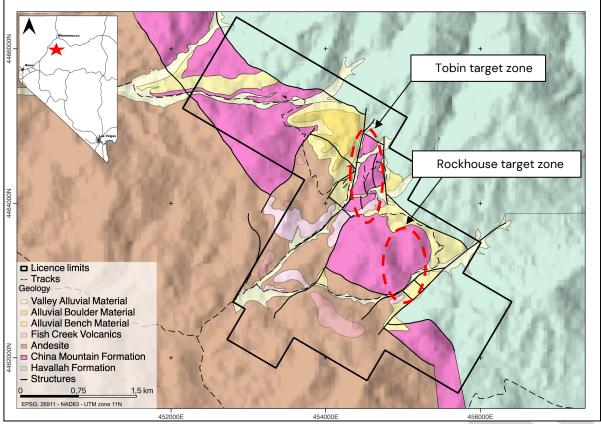


Overview map showing the Oil Patch licence block, the project geology, the main area of mineralization discovered In 2022, and the local infrastructure



Mt Tobin – Nevada, USA

- Target deposit type and commodity is **low sulphidation epithermal gold**
- Land package is 1,012 Ha and 100% owned by Plethora Exploration
- Easily accessible with good infrastructure and in a world-class mining jurisdiction
- Field work conducted by Plethora Exploration yielded rock chip samples of up to <u>9.83 g/t Au</u> 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

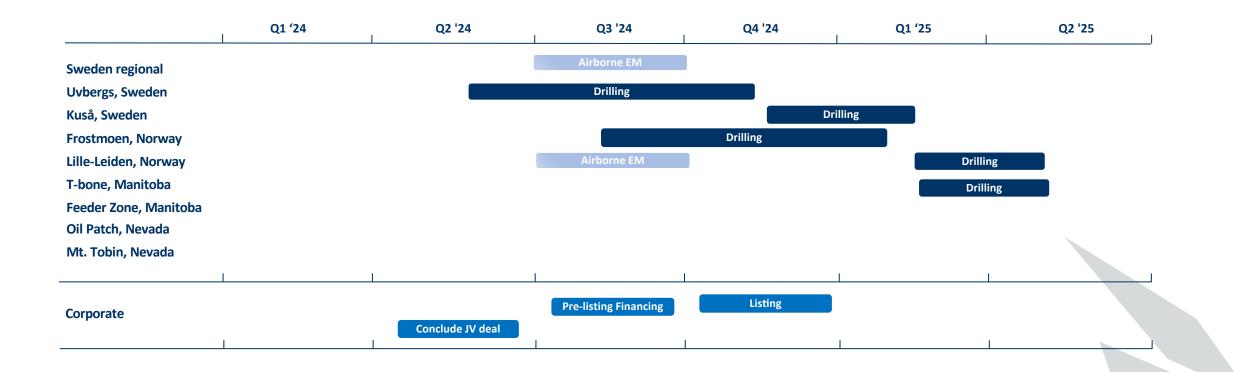


Overview map showing the Mt Tobin licence block, the project geology, the high-grade surface mineralization



Exploration and Corporate Timeline

Year-round news flow and catalysts





Plethora Exploration Corp.

Concluding comments

- 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
- News flow is strong with multiple projects to be drilled throughout the next 12 months



Photo: Drilling at the Uvbergs Project, Sweden



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