



CREATING A MULTI-ASSET NICKEL-COPPER COMPANY

We produce metals essential to society.

TSX: TLO / OTC: TLOFF

TALONMETALS.COM

August 2026 Corporate Presentation

Conditions of Presentation, Technical Reference, and QPs

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Dr. Etienne Dinel, Vice President, Geology of Talon, is a Qualified Person within the meaning of NI 43-101. Dr. Dinel is satisfied that the analytical and testing procedures used are standard industry operating procedures and methodologies, and he has reviewed, approved and verified the technical information in this presentation, including sampling, analytical and test data underlying the technical information.

The laboratory used for the Tamarack Project is ALS Minerals who is independent of the Company. Lengths in this presentation are drill intersections and not necessarily true widths. True widths cannot be consistently calculated for comparison purposes between holes because of the irregular shapes of the mineralized zones.

Please see the technical report entitled "November 2022 National Instrument 43-101 Technical Report of the Tamarack North Project – Tamarack, Minnesota" with an effective date of November 2, 2022 (the "Tamarack Technical Report") prepared by independent "Qualified Persons" (as that term is defined in National Instrument 43-101 ("NI 43-101")) Brian Thomas (P. Geo), Roger Jackson (P. Geo), Oliver Peters (P. Eng) and Christine Pint (P.G) for further technical information including, the QA/QC, data verification, analytical and testing procedures at the Tamarack Project.

Please see the technical report entitled "NI 43-101 Technical Report on the Eagle Mine, Michigan, USA" with an effective date April 29, 2026 (the "Eagle Technical Report") prepared by the following Qualified Persons from WSP Canada Inc.: Bill Bagnell, P.Eng.; Brian Thomas, P.Geo.; Ibrahim Karajeh, P.Eng., MBA, PMP, CCP; David Jin, P.Eng.; Khalid Mounhir, P.Eng.; James Smith, P.Eng.; James Obermeyer, P.E.; Devin Castendyk, P.G. and Emilie Williams, P.Eng for further technical information on the Eagle Mine.

Copies are available on the Company's website (www.talonmetals.com) or on SEDAR at (www.sedar.com).

Tamarack Nickel Copper Project

For the November 2022 Technical Report: $NiEq\% = Ni\% + Cu\% \times \$3.75/\$9.50 + Co\% \times \$25.00/\$9.50 + Pt[g/t]/31.103 \times \$1,000/\$9.50/22.04 + Pd[g/t]/31.103 \times \$1,000/\$9.50/22.04 + Au[g/t]/31.103 \times \$1,400/\$9.50/22.04$; Fe is not included in the NiEq calculation

From May 1, 2025:

$NiEq\% = Ni\% + Cu\% \times \$4.00/\$8.00 \times Cu \text{ Recovery}/Ni \text{ Recovery} + Co\% \times \$20.00/\$8.00 \times Co \text{ Recovery}/Ni \text{ Recovery} + Pt [g/t]/31.103 \times \$1,000/\$8.00/22.04 \times Pt \text{ Recovery}/Ni \text{ Recovery} + Pd [g/t]/31.103 \times \$1,000/\$8.00/22.04 \times Pd \text{ Recovery}/Ni \text{ Recovery} + Au [g/t]/31.103 \times \$2,000/\$8.00/22.04 \times Au \text{ Recovery}/Ni \text{ Recovery} + Ag [g/t]/31.103 \times \$20.00/\$8.00/22.04 \times Ag \text{ Recovery}/Ni \text{ Recovery}$

$CuEq\% = Cu\% + Ni\% \times \$8.00/\$4.00 \times Ni \text{ Recovery}/Cu \text{ Recovery} + Co\% \times \$20.00/\$4.00 \times Co \text{ Recovery}/Cu \text{ Recovery} + Pt [g/t]/31.103 \times \$1,000/\$4.00/22.04 \times Pt \text{ Recovery}/Cu \text{ Recovery} + Pd [g/t]/31.103 \times \$1,000/\$4.00/22.04 \times Pd \text{ Recovery}/Cu \text{ Recovery} + Au [g/t]/31.103 \times \$2,000/\$4.00/22.04 \times Au \text{ Recovery}/Cu \text{ Recovery} + Ag [g/t]/31.103 \times \$20.00/\$4.00/22.04 \times Ag \text{ Recovery}/Cu \text{ Recovery}$

Boulderdash

$NiEq\% = Ni\% + Cu\% \times \$3.75/\$9.50 + Co\% \times \$25.00/\$9.50 + Pt[g/t]/31.103 \times \$1,000/\$9.50/22.04 + Pd[g/t]/31.103 \times \$1,000/\$9.50/22.04 + Au[g/t]/31.103 \times \$1,400/\$9.50/22.04$

$CuEq\% = Cu\% + Ni\% \times \$9.50/\$3.75 + Co\% \times \$25.00/\$3. + Pt [g/t]/31.103 \times \$1,000/\$3.75/22.04 + Pd [g/t]/31.103 \times \$1,000/\$3.75/22.04 + Au [g/t]/31.103 \times \$1,400/\$3.75/22.04$

Cautionary Statements Regarding Forward-Looking Information

This presentation contains certain “forward-looking statements”. All statements, other than statements of historical fact that address activities, events or developments that Talon believes, expects or anticipates will or may occur in the future are forward-looking statements. These forward-looking statements reflect the current expectations or beliefs of Talon based on information currently available to Talon. Such forward-looking statements include, among other things, statements relating to current or future operations at the Eagle Mine and Humboldt Mill, including plans to extend the life of the Eagle Mine and the timing for closure of the Eagle Mine; future exploration potential at the Tamarack Nickel Project and at the Company's Michigan land package (“Michigan Project”), and the Company's planned exploration and drilling program for the Tamarack Nickel Project and the Michigan Project and the potential future results thereof; the Company's expectations relating to the timeline for the environmental review process/permitting and construction at the Tamarack Nickel Project and the BMPF, as well as any future mine in Michigan; the timing for the various upcoming technical reports and the results thereof; the conceptual Tamarack surface facilities; the receipt of grant money and the timing thereof from the Department of Energy, the Defense Logistics Agency and the Department of War; the Company's expectations with respect to its financial resources (sources and uses), objectives and plans and the timing associated therewith.

Forward-looking statements are subject to significant risks and uncertainties and other factors that could cause the actual results to differ materially from those discussed in the forward-looking statements, and even if such actual results are realized or substantially realized, there can be no assurance that they will have the expected consequences to, or effects on, Talon.

Factors that could cause actual results or events to differ materially from current expectations include, but are not limited to: changes in commodity prices, including nickel and copper; the Company's inability to raise capital and/or pay Kennecott Exploration Company pursuant to the Option Agreement dated November 7, 2018 (and the amendments thereto); changes to US Department of Energy, Defense Logistics Agency and Department of War grant funding; the terms of the definitive supply agreement with Tesla; negative metallurgical results; changes in interest rates; COVID-19; the wars in Ukraine and Israel and other civil unrest; tariffs and trade restrictions; risks inherent in exploration results, timing and success, including the failure to identify mineral resources or mineral reserves; the uncertainties involved in interpreting geophysical surveys (including DHEM, MMR, Surface EM, RIM), drilling results and other geological data; inaccurate geological and metallurgical assumptions (including with respect to the size, grade and recoverability of mineral reserves and mineral resources); uncertainties relating to the financing needed to further explore and develop the

Tamarack Nickel Project or to put a mine into production; the costs of commencing production varying significantly from estimates; unexpected geological conditions; changes in power prices; unanticipated operational difficulties or events (including, mining issues/problems, failure of plant, equipment or processes to operate in accordance with specifications, (including, the Humboldt Mill), cost escalation, unavailability of materials, equipment, people and third-party contractors, inability to obtain or delays in receiving government or regulatory approvals, industrial disturbances or other job action, and unanticipated events related to health, safety and environmental matters); political risk, social unrest, and changes in general economic conditions or conditions in the financial markets.

Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, Talon disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise. Although Talon believes that the assumptions inherent in the forward-looking statements are reasonable, forward-looking statements are not guarantees of future performance and accordingly undue reliance should not be put on such statements due to the inherent uncertainty therein.

Non-GAAP and Other Financial Measures

This presentation may include certain non-GAAP financial measures, non-GAAP ratios, supplementary financial measures, and other financial measures, including EBITDA, Adjusted EBITDA, cash cost, and AISC. These measures do not have any standardized meaning under IFRS and may not be comparable to similar measures presented by other issuers. These measures should not be considered in isolation or as a substitute for measures prepared in accordance with IFRS.

For definitions and, where applicable, reconciliations to the most directly comparable IFRS measures, please refer to Talon Metals' Q2 2026 financial results press release dated August 13, 2026, and the Company's related MD&A, including the “Non-GAAP Performance Measures” section.

Our Mission

We produce metals
essential to society



Our Values

- **SAFETY**
We look out for one another – safety comes first in everything we do.
- **RESPECT**
We treat each other, our communities, and the land with respect. We listen, we are transparent, and we hold ourselves accountable.
- **INTEGRITY**
We act with integrity by doing the right thing. We are honest, we act ethically, and we stand by our values even when it is difficult.
- **ADAPTABILITY**
We adapt to both challenges and opportunities. We are empowered to seek improvement and drive change.
- **ACHIEVEMENTS**
We hold ourselves to high standards. We achieve our goals, honor our commitments, and celebrate success.

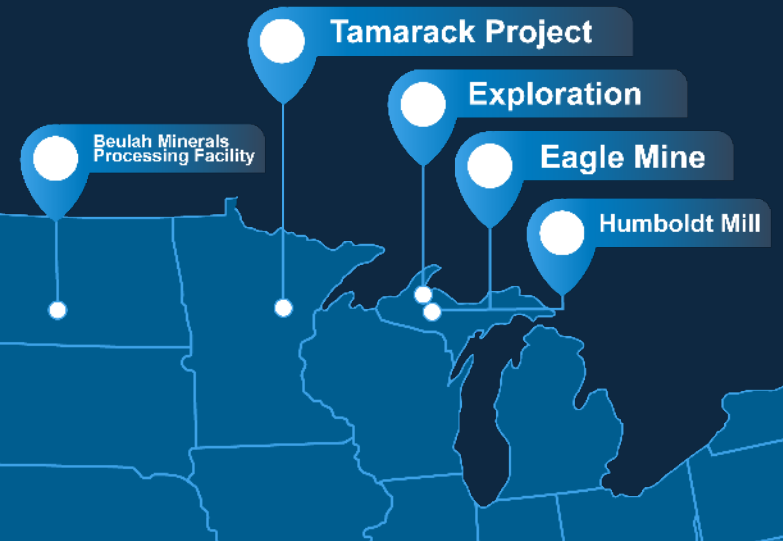
Vision

Two U.S. Nickel Mines
Two U.S. Processing Facilities

~500
Employees

11 Years
Operations at Eagle

In-house Exploration
5 discoveries in 5 years



An operating U.S. nickel-copper company with an integrated growth pipeline



◆ Operating Platform

- Eagle Mine & Humboldt Mill (Michigan): The only U.S. nickel mine - an established underground mine and processing facility.
- Proven team delivering safe, reliable operations and cash flow.

◆ Growth Projects

- Tamarack Project (Minnesota)
- Beulah Minerals Processing Facility (North Dakota)

◆ Exploration

- In-house drilling and geophysics
- Michigan: ~400,000-acre land package adjacent to the Eagle Mine and Humboldt Mill. Currently two rigs operating.
- Minnesota: Active drilling at the Vault Zone (currently three rigs operating 24/7) is expanding the high-grade system and testing additional step-outs at depth.

◆ Strategic Support

- U.S. government funding support for domestic critical minerals.
 - Department of Energy: US \$114.8M grant to support the BMPF.
 - Department of War: US \$20.6M grant to support the acceleration of ongoing critical mineral exploration in the U.S.



Operations

Eagle Mine and Humboldt Mill

Eagle Mine



Mine Type	Underground
Operations	Since 2014 LOM: H2 2030
Employees	~425
Domestic Production	Nickel, Copper, Cobalt, PGMs

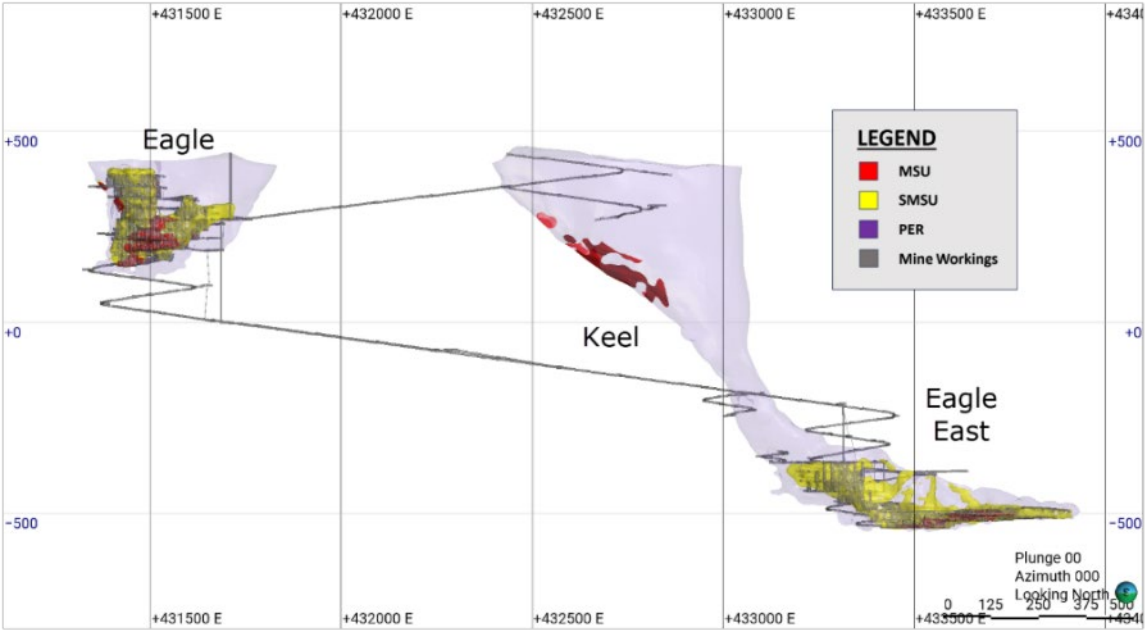
Humboldt Mill



Processing method	Conventional flotation
Products	Nickel & copper concentrates
Mill throughput	~2,200 tpd
Tailings management	Subaqueous



Current Focus



◆ **Safe & Stable Operations**

Deliver consistent production with safety-first discipline, strong operating controls, and reliable mill performance.

◆ **Generate Free Cash Flow**

Maintain operating continuity and generate free cash flow while Talon evaluates future ore opportunities for the Humboldt Mill.

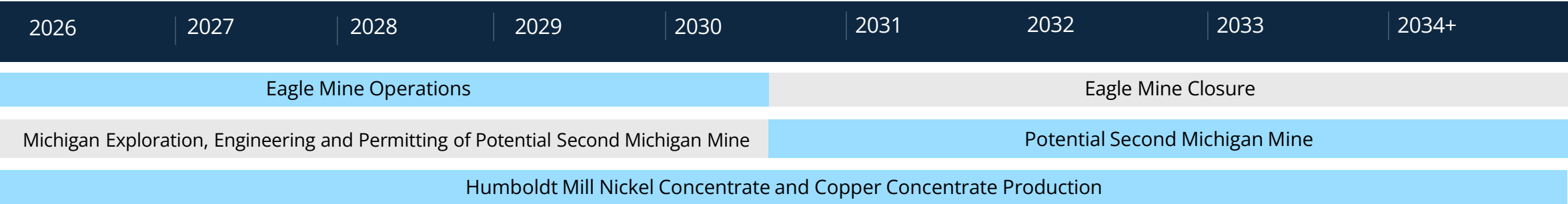
◆ **Extend Mine Life to H2 2030**

The updated mine plan supports operations to the second half of 2030, driven primarily by the growing role of the Keel deposit in the later years of the mine plan.

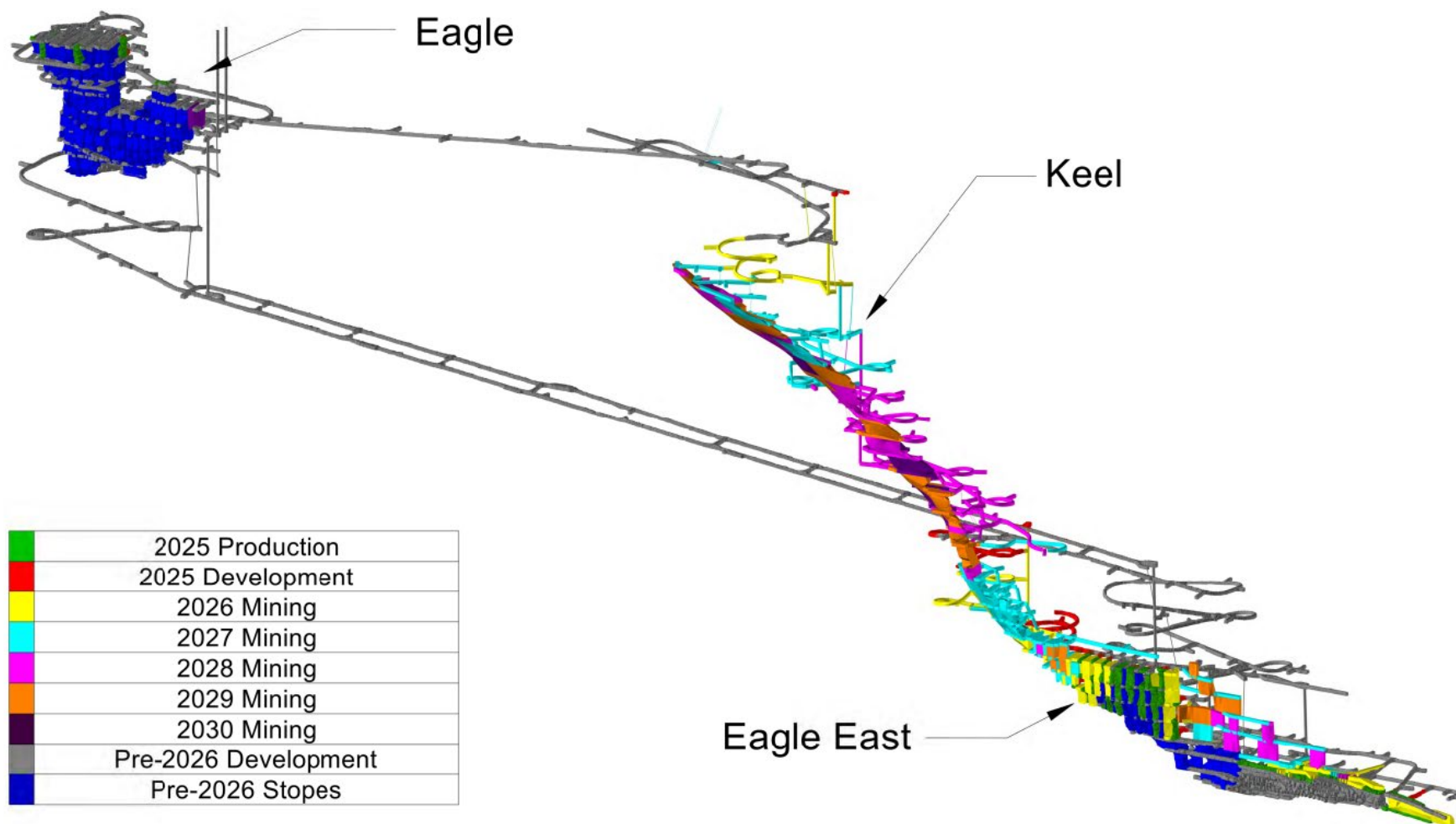
◆ **Updated Technical Baseline**

The Technical Report establishes updated Mineral Resources, Mineral Reserves, economics, and a reserve-backed plan for Eagle under Talon ownership.

Projected Timeline



Mining Plan



Economics & Cashflow

Based on analyst consensus metal price estimates (average of US\$7.93/lb Ni, US\$5.07/lb Cu) for the period March 2026 to H2 2030¹

Value

- After-tax NPV-8%: US\$19.0M
- After-tax free cash flow (March 2026 to H2 2030): US\$69.7M

Cost

- Cash cost^{2,4,5}: US\$5.13/lb
- AISC (2026-2030)^{3,4,5}: US\$6.55/lb
- AISC (LOM)^{3,4,5}: US\$8.05/lb

Operating Scale

- Mine life: March 2026 to H2 2030
- Total tonnes processed: 3.5 Mt
- Full-year annual mill throughput: 787,000 tpa
- Daily mill throughput: 2,156 tpd

Sensitivity Analysis – Nickel/Copper Price Pairings⁶ (table results in US\$ millions)

After-tax NPV-8%

Nickel price (US\$/lb)

		\$7.00	\$8.00	\$8.50	\$9.00	\$10.00
	\$4.50	(43)	(2)	19	40	90
Copper	\$5.00	(22)	19	40	61	111
price	\$5.50	(2)	40	61	82	132
(US\$/lb)	\$6.00	19	61	82	103	153
	\$6.50	40	82	103	124	174

After-tax free cash flow

Nickel price (US\$/lb)

		\$7.00	\$8.00	\$8.50	\$9.00	\$10.00
	Mar 2026-2030 \$4.50	(4)	45	70	94	153
Copper	\$5.00	21	70	94	118	177
price	\$5.50	45	94	118	143	202
(US\$/lb)	\$6.00	70	118	143	167	226
	\$6.50	94	143	167	192	250

Notes:

- Analyst consensus metal price estimates as of December 2025 for the 2026-2030 period averaged: US\$7.93/lb Ni, US\$5.07/lb Cu, US\$19.80/lb Co, US\$1,500/oz Pt, US\$1,213/oz Pd, US\$3,900/oz Au, and US\$46/oz Ag.
- Cash cost includes mining, transportation, processing, G&A costs, royalties, and treatment/refining costs offset by by-product revenue credits from metals other than nickel.
- All-in sustaining cost ("AISC") includes cash cost, sustaining CAPEX, royalty buy-down, exploration and closure costs.
- Both cash cost and AISC are reported on a per lb of payable nickel basis. LOM includes both the operational period from March 2026 to H2 2030 and the closure period from 2031 to 2055.
- Cash cost and AISC are non-GAAP financial measures. These measures have no standardized meaning under IFRS and may not be comparable to similar measures used by other issuers. As Talon only recently acquired Eagle, it does not have historical non-GAAP financial measures nor historical comparable measures under IFRS, and therefore these prospective non-GAAP financial measures may not be reconciled to the nearest comparable measure under IFRS.
- Metal prices for metals other than nickel and copper were based on analyst consensus metal prices estimates as of December 2025 as indicated in Note 1.
- All economics, NPV, and cash flow are based on a March 2026 start date.



Projects

Tamarack Project and Beulah Minerals Processing Facility

Tamarack Project

Overview

- High-grade nickel-copper-cobalt project currently in the Minnesota environmental review process, with a feasibility study nearing completion.
- Drilling continues at pace on the Vault Zone.
- Joint venture with Rio Tinto: 51% Talon, earn-in right to 60%.

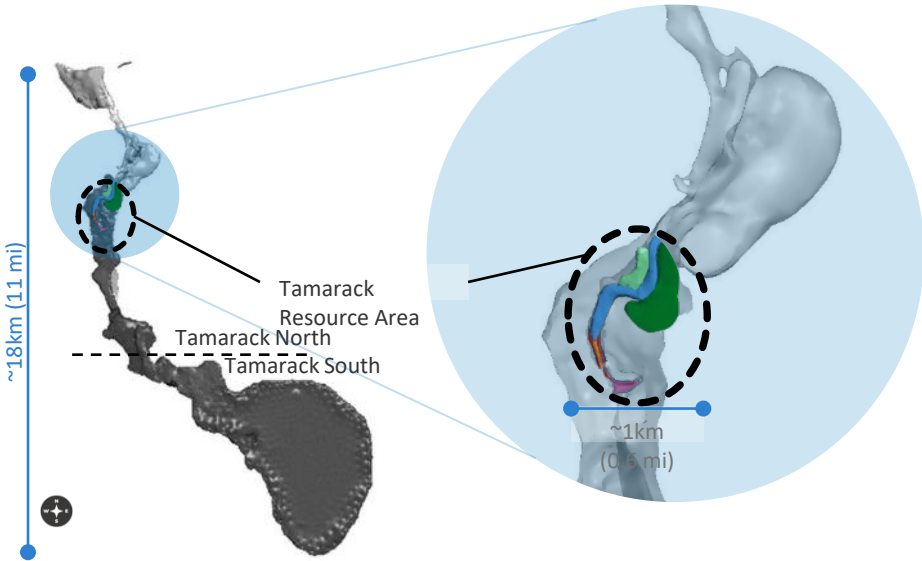
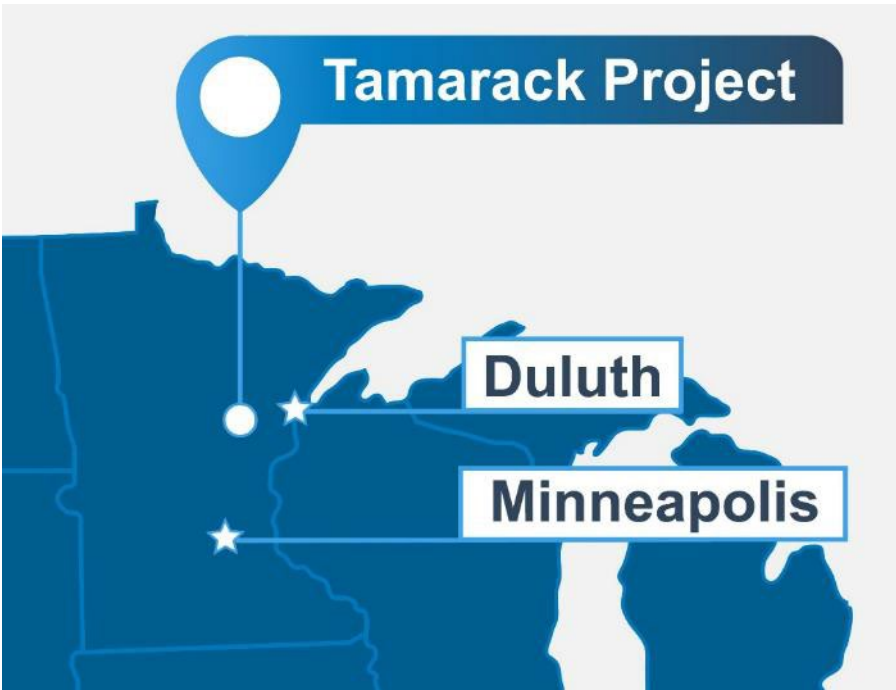
Site Access & Infrastructure

- Greenfield site with infrastructure already in place: road, rail, and power.
- 1.5 miles from the city of Tamarack; 1.1 miles from the BNSF rail line; 69kV power line; Maintained paved roads; Skilled labor.

Key Milestones

- Environmental Review: Public scoping comment period underway, with public meetings completed on August 5 and 12.
- Feasibility Study: Targeted completion in H2 2026.

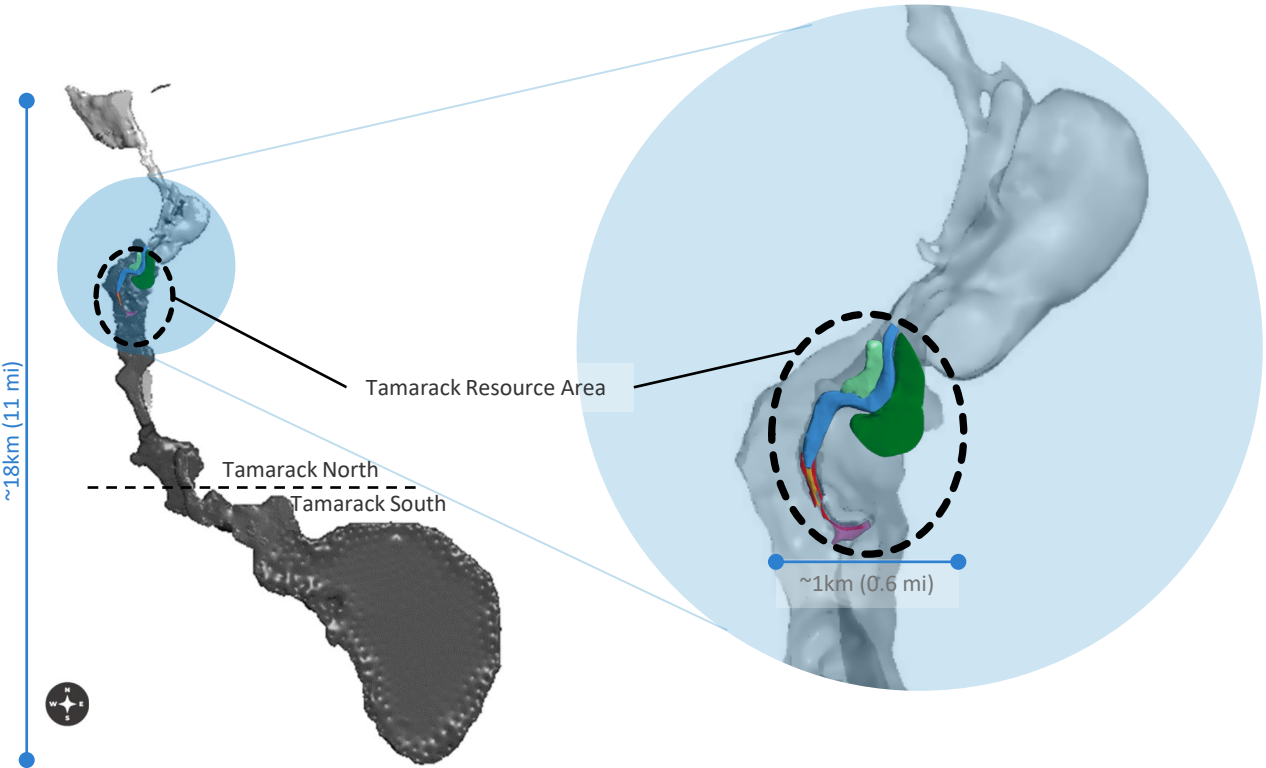
Mineral Resource Classification ⁽¹⁾	Tonnes (000's)	Ni (%)	Cu (%)	Co (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	NiEq (%)	Million lbs of Ni In Situ (in the ground)	Million lbs of NiEq In Situ (in the ground)
Total Indicated	8,564	1.73	0.92	0.05	0.34	0.21	0.17	2.34	326	441
Total Inferred	8,461	0.83	0.55	0.02	0.23	0.13	0.13	1.19	154	223



(1) Effective Date of Resource estimate is October 10, 2022. All resources are in situ and reported at a 0.50% Ni cut-off; Tonnage estimates are rounded to the nearest 1,000 tonnes; Mining recovery and dilution factors have not been applied to the estimates; No adjustments were made for recovery or payability.

Tamarack Resource

Mineral Resource Classification ⁽¹⁾	Tonnes (000's)	Ni (%)	Cu (%)	Co (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	NiEq (%)	Million lbs of Ni <i>In Situ</i> (in the ground)	Million lbs of NiEq <i>In Situ</i> (in the ground)
Total Indicated	8,564	1.73	0.92	0.05	0.34	0.21	0.17	2.34	326	441
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(1) Effective Date of Resource estimate is October 10, 2022. All resources are in situ and reported at a 0.50% Ni cut-off; Tonnage estimates are rounded to the nearest 1,000 tonnes; Mining recovery and dilution factors have not been applied to the estimates; No adjustments were made for recovery or payability.

Tamarack Environmental Review & Permitting

◆ **Current Stage**

The Minnesota Department of Natural Resources (MN DNR) has published the Scoping Environmental Assessment Worksheet and Draft Scoping Decision Document, formally beginning the public scoping process for the Environmental Impact Statement.

◆ **Public Comment Period**

- Public comments accepted through September 14, 2026.
- MN DNR public meetings held August 5 in McGregor and August 12 in Blaine.

◆ **What Happens Next**

- Permitting pathway:
 - Scoping → Draft EIS → Final EIS → Adequacy determination → Permits
- Final permits can only be issued after the Final EIS is deemed adequate.



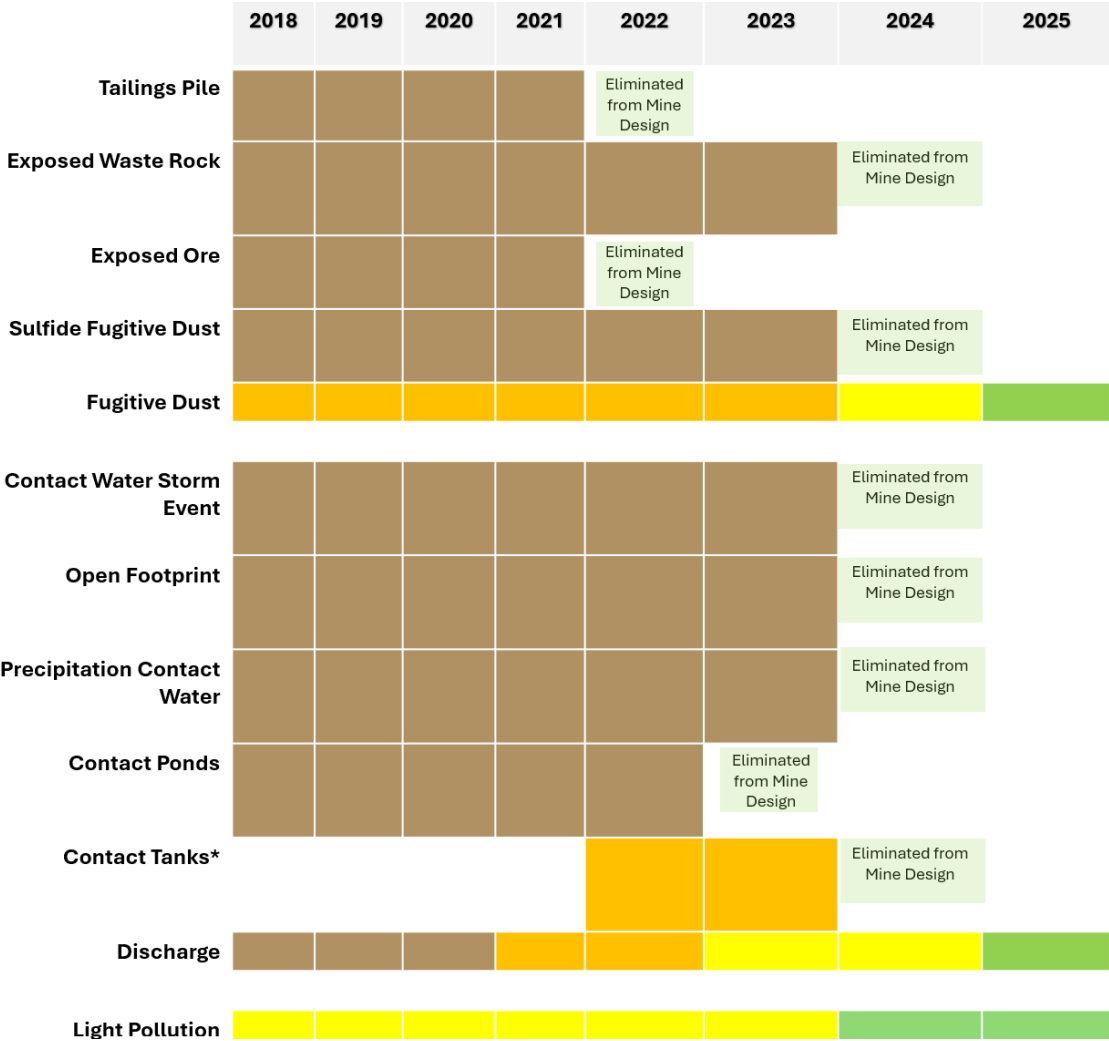
Projected Timeline



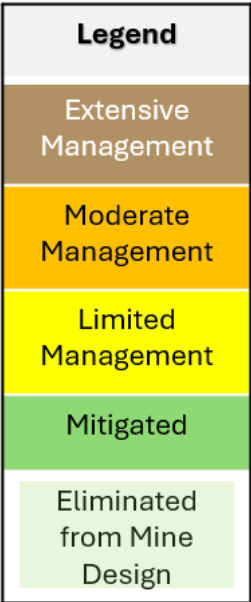
Responsive Mine Design: Progress Permitting

Results from the Environmental Review Process

- 3 years of engagement with regulators and participating Tribal sovereign governments.
- 1,632 stakeholder comments addressed through multiple design iterations in EAW.
- ✓ Condensed Footprint
 - Reduced project surface footprint by ~10 acres.
- ✓ Fully Enclosed Facility
 - Ore will not be exposed to the environment at the surface.
- ✓ Direct Decline Tunnel
 - Reduced amount of ground disturbance and waste rock from tunneling.
- ✓ Waste Rock Stockpiles Removed
 - No overburden or waste rock stockpiles exposed at the surface.

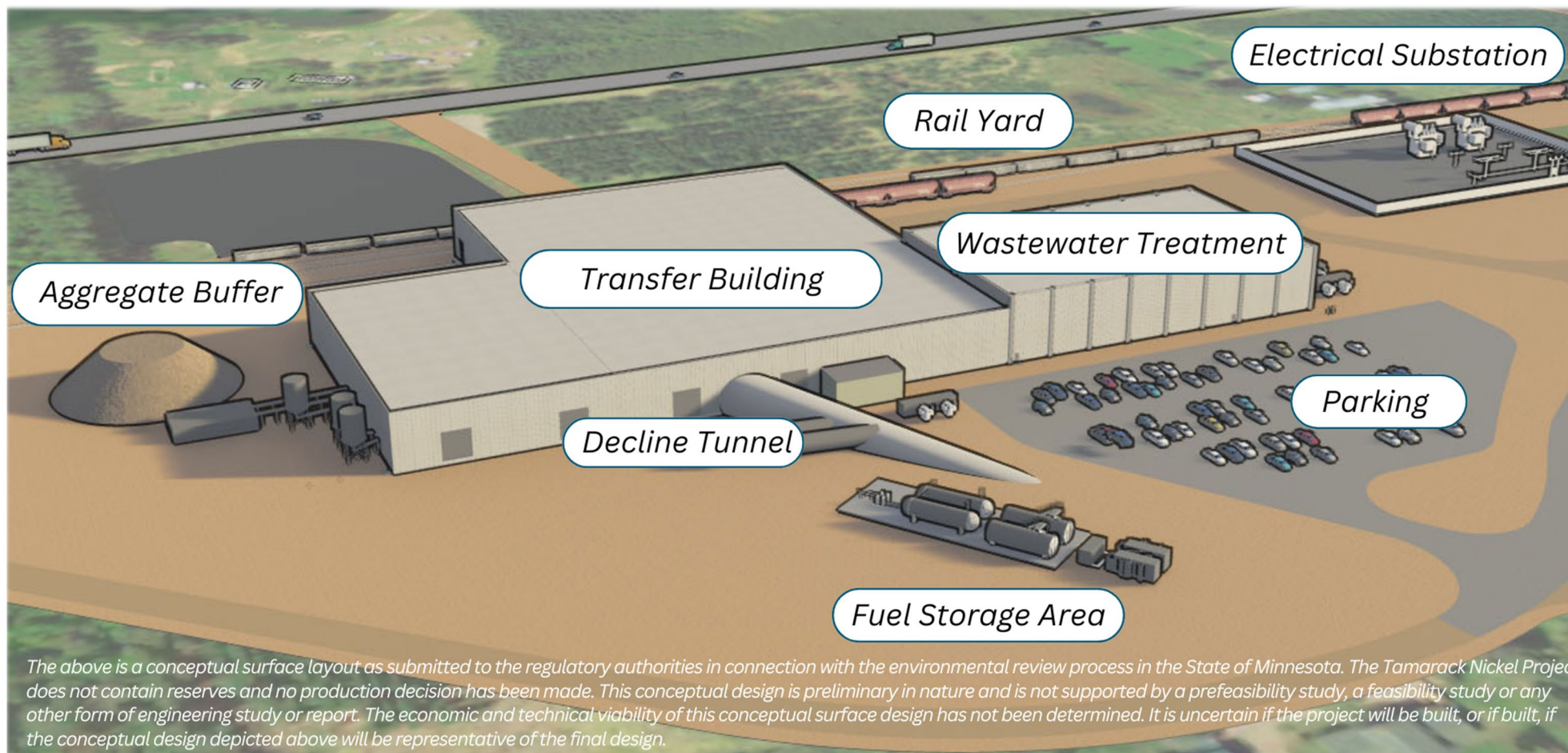


**Water storage is retained solely as an operational contingency and is not precipitation-driven.*



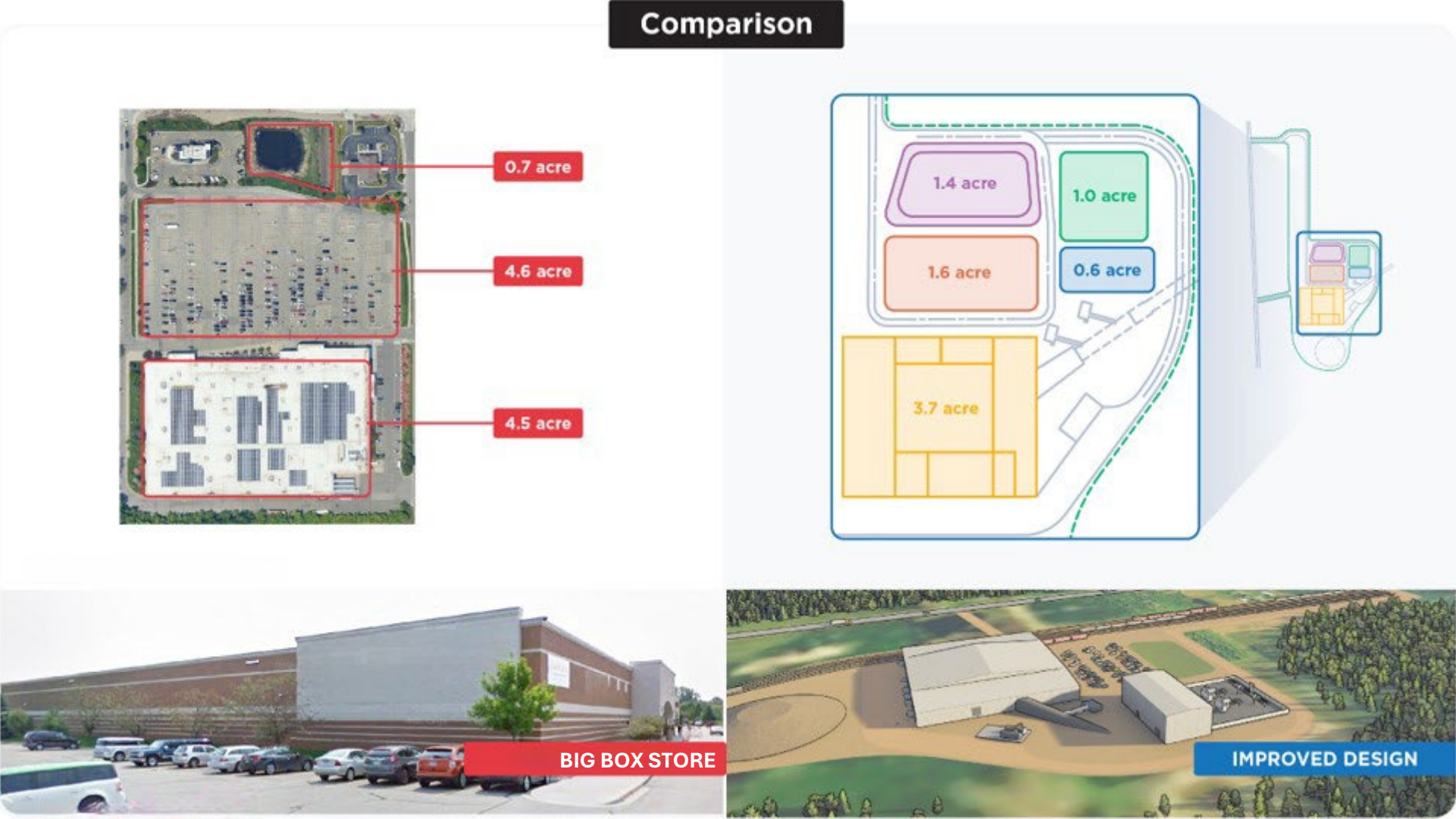
“Mine in a Box”

Conceptual layout as submitted in the Environmental Assessment Worksheet



Comparison: Big Box Store vs. Conceptual Surface Layout

As Submitted in Environmental Assessment Worksheet



The above is a conceptual surface layout as submitted to the regulatory authorities in connection with the environmental review process in the State of Minnesota. The Tamarack Nickel Project does not contain reserves, and no production decision has been made. This conceptual design is preliminary in nature and is not supported by a prefeasibility study, a feasibility study or any other form of engineering study or report. The economic and technical viability of this conceptual surface design has not been determined. It is uncertain if the project will be built, or if built, if the conceptual design depicted above will be representative of the final design.

Beulah Minerals Processing Facility (BMPF)

◆ **Rail Connectivity**

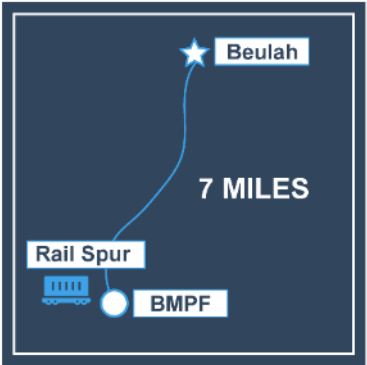
The BMPF is rail-connected, providing a direct transportation link between Tamarack and the facility.

◆ **Ramp-up Ore Flexibility**

Currently evaluating optionality for ore processing between BMPF and Humboldt Mill.

◆ **Grant Funding**

Supported by a US\$114.8M grant from the Department of Energy.



Projected Timeline

2026	2027	2028	2029	2030	2031	2032	2033	2034+
Tamarack Feasibility Study, Detailed Engineering and Permitting			Tamarack Construction		Tamarack Production			
BMPF/ Humboldt Tradeoff	BMPF FS Study, Detailed Engineering & Permitting		BMPF Construction		BMPF Nickel Concentrate and Copper Concentrate Production			



Growth & Exploration



Exploration Success

◆ **Our Advantage**

In-house rigs + in-house drillers + in-house geophysics = Cohesive team delivering fast, more cost-effective exploration.

Generating follow-up targets from drillholes in hours instead of weeks.

- Follow-up holes can be tested immediately instead of in the next drill season.
- Allows for delineation to be completed in months instead of years.



2019	2020	2021	2022	2023	2024	2025	2026
Talon becomes Operator of the Tamarack Nickel Project	Talon brings drilling and geophysics in-house as a core business CGO East Discovery	CGO West Discovery	CGO East and CGO West Delineated (in less than 14 months)	Department of War awards \$20.6M to Talon to accelerate domestic nickel production Raptor Zone Discovery	Boulderdash Discovery in Michigan	Vault Zone Discovery	Continued Vault Zone Expansion

The Vault Zone: Record Intercept & Continued Expansion

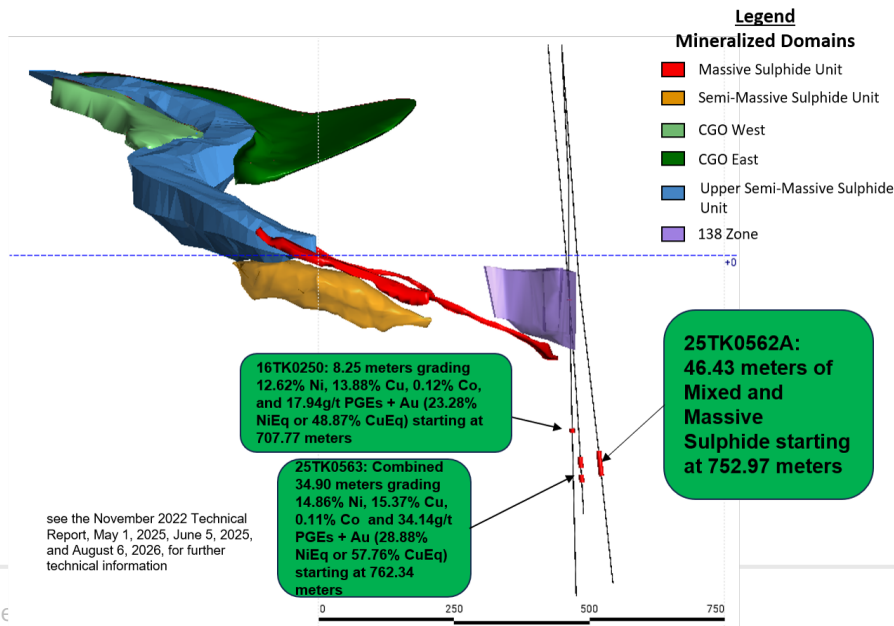
◆ Overview

- High-grade nickel-copper discovery located below the Tamarack Resource in Minnesota.
- Recent drilling supports a stacked mineralized system with continuity across multiple depth levels.
- Advancing targets in parallel to drive discovery pace.
- Supported by \$20.6M DOW funding to accelerate domestic nickel exploration.

◆ Record Intercept – 25TK0562A

- Intersected a record 46.43-meter interval of massive and mixed massive sulphide mineralization starting at 752.97 meters (assays pending).
- Located approximately 50 meters southwest of Vault Zone discovery hole 25TK0563.
- Exceeds the previous 34.9-meter combined MSU and MMS intercept reported in discovery hole 25TK0563.
- The result provides further support for Talon's geological model and BHEM-guided exploration approach.
- Ongoing drilling continues to test the stacked Vault Zone system across multiple levels and in multiple directions.

Tamarack Resource Area: Looking North-East



Drill core from drill hole 25TK0562A at 752.97 meters depth showing an interval of 46.43 meters of MSU and MMS (assays pending).

Vault Zone: Stacked Mineralized System

Stacked mineralized system continues to expand

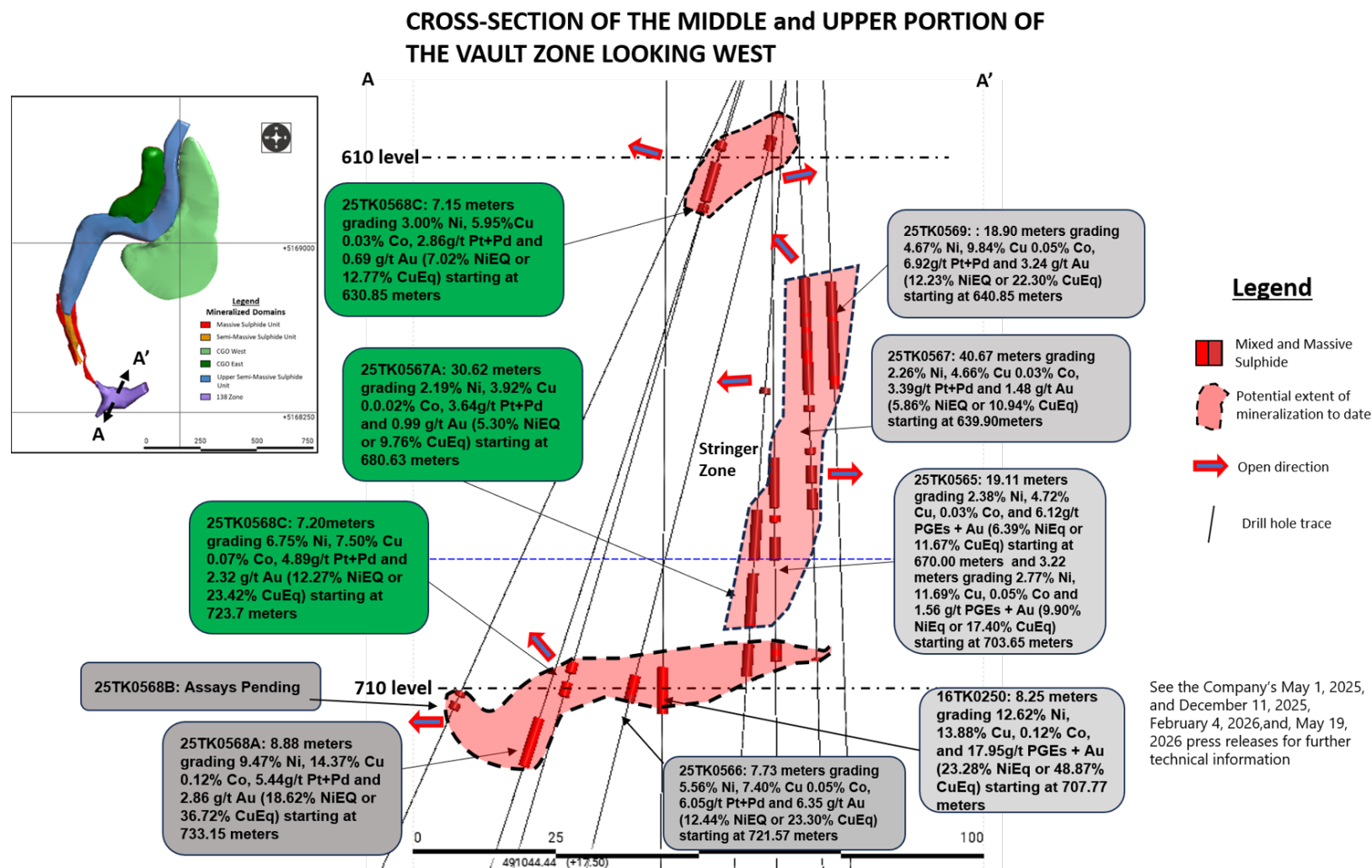
- New assays from 25TK0567A and 25TK0568C support mineralization across multiple vertically stacked levels.

Stringer Zone returns broad mineralized intervals

- Drill hole 25TK0567A intersected 30.62 meters grading 5.30% NiEq, including 10.26 meters grading 14.63% NiEq.

High-grade results from 610 and 802 meters

- New results extend from the 610-meter level through the Stringer Zone and 710-meter level to deeper mineralization near 802 meters.



See the Company's May 1, 2025, and December 11, 2025, February 4, 2026, and May 19, 2026 press releases for further technical information

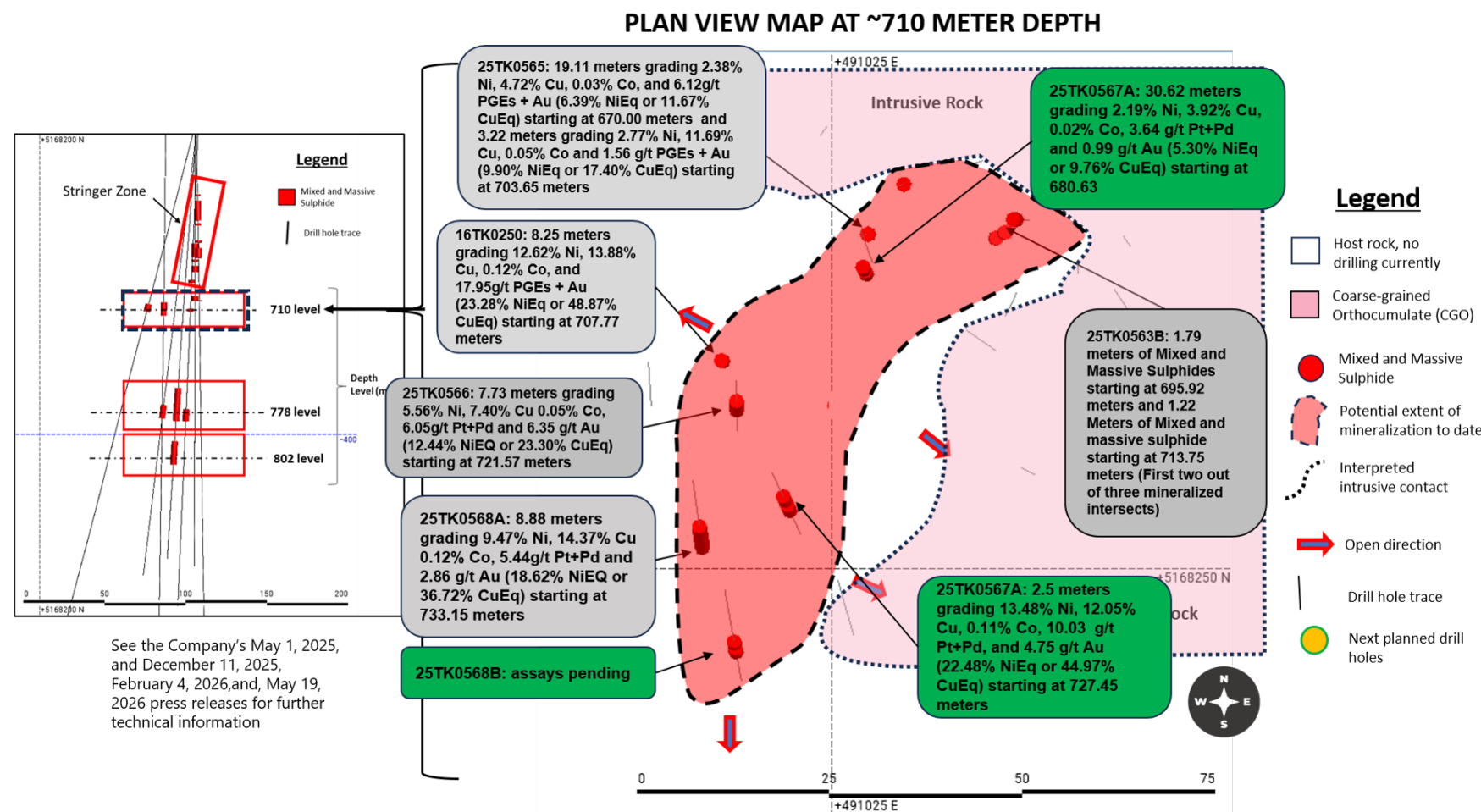
The Vault Zone: High-Grade 710-Meter Level

High-grade mineralization continues

- Drill hole 25TK0568C: 7.20 meters grading 12.27% NiEq, including 2.50 meters grading 22.48% NiEq.
- Previous drilling includes 8.88 meters grading 18.62% NiEq in 25TK0568A and 8.25 meters grading 23.28% NiEq in 16TK0250.

Level remains open

- Multiple intercepts support continuity of high-grade mineralization across the 710-meter level.
- Step-out drilling continues in several open directions.



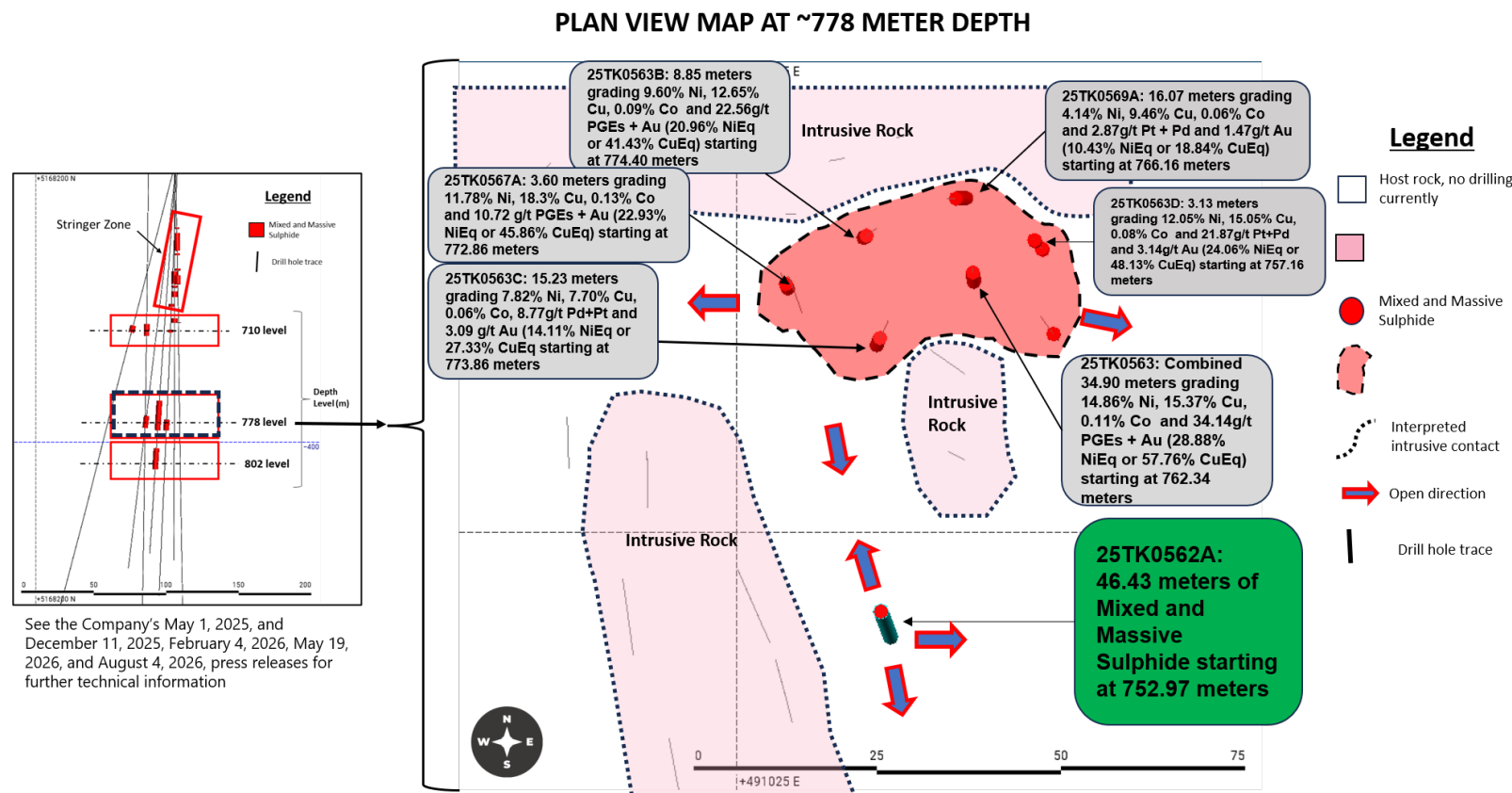
The Vault Zone: Expansion at the 778-Meter Level

Expansion at the 778-meter level

- Step-out drilling north of discovery hole 25TK0563 returned 16.07 meters grading 10.43% NiEq in drill hole 25TK0569A.
- Results support continued expansion of mineralization to the east and west.

Record intercept southwest of discovery hole

- Drill hole 25TK0562A, located approximately 50 meters southwest of 25TK0563, intersected a record 46.43 meters of MSU and MMS beginning at 752.97 meters; assays pending.
- The 778-meter level remains open in multiple directions, with directional drilling and BHEM-guided follow-up continuing.



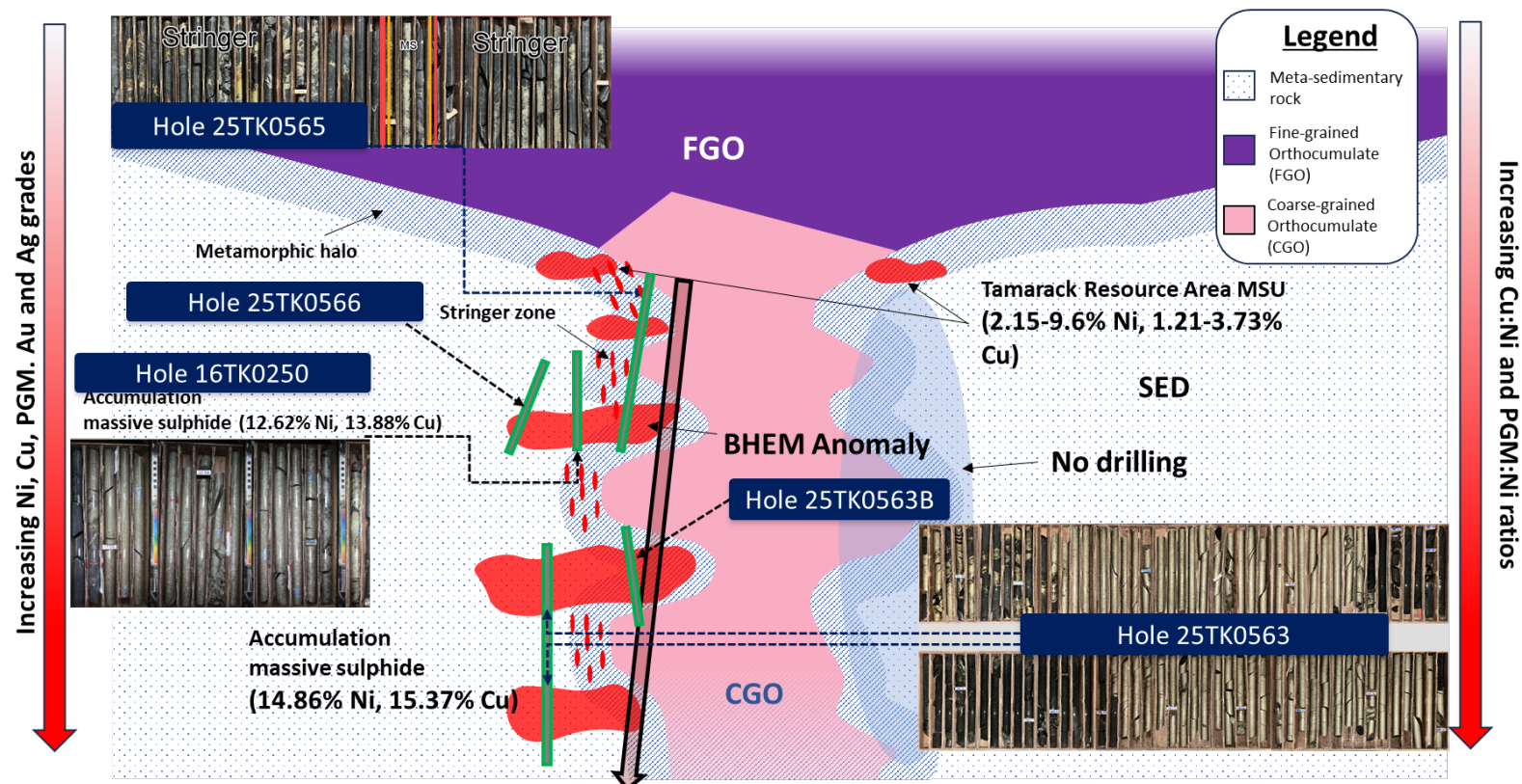
Geological Model Guides Vault Zone Targeting

Model-Driven Exploration

- Geological interpretation supports a series of vertically stacked sulphide traps below the Tamarack Resource Area.
- Each new intercept helps refine the interpreted geometry and identify additional targets.

Rapid BHEM-guided follow-up

- In-house BHEM surveys identify conductive targets from completed drill holes.
- Directional drilling allows multiple targets to be tested efficiently from existing parent holes.
- This approach led to the record 46.43-meter MSU and MMS intercept in 25TK0562A.

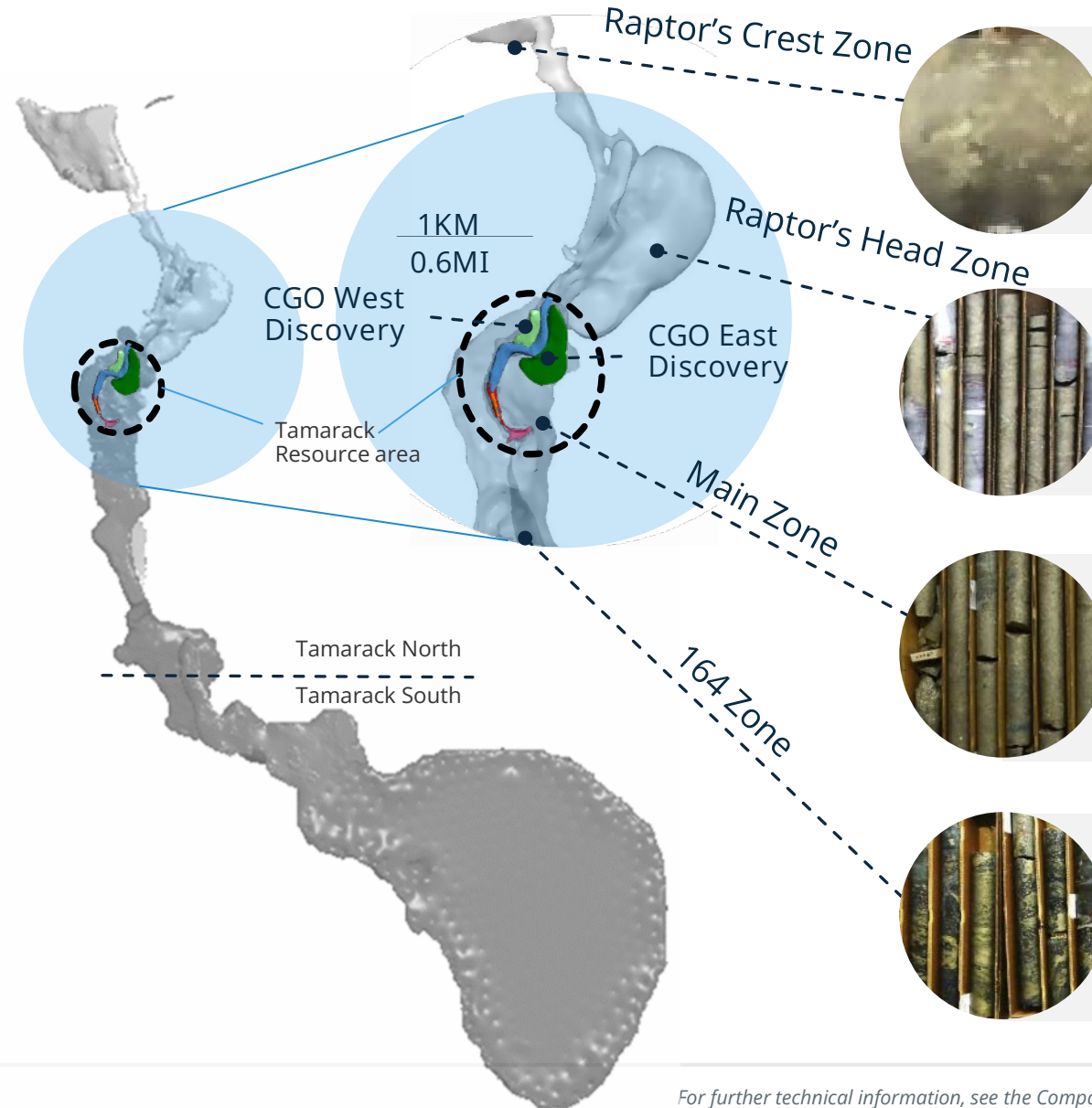


Conceptual cross-section through the Vault Zone showing the stack of previously intercepted high-grade nickel-copper-PGE mineralization. The near-vertical BHEM plate (See Company's press release dated November 4, 2025) is interpreted to reflect a controlling structure for these known massive sulphides. The modeled conductor persists for hundreds of meters below the deepest intercept in drill hole 25TK0563.

Tamarack Intrusive Complex

Prospects for Growth

- Tamarack has multiple areas where high-grade nickel-copper mineralization has been historically intersected but not yet fully evaluated.
- Talon geophysics surveyed historic holes in these prospective zones and has produced BHEM plates for drill follow up.
- 11-mile (18 km) intrusion from North to South; present resource is on ~0.6 miles (~1 km).



Raptor Zone: Crest (Formerly 264 Zone)

Hole 18TK0264 intersected 0.25m grading 9.95% Ni, 5.74% Cu, **starting at 539m** (3km away from resource)

Raptor Zone: Head (formerly 221 Zone)

Hole 15TK0229 intersected 1.63m grading 9.33% Ni, 5.14% Cu, **starting at 702m** (1.6km away from resource)

Tamarack Zone

Hole 13TK0171 intersected 7.34m grading 8.3% Ni, 2.95% Cu, **starting at 573m** (Open to the east)

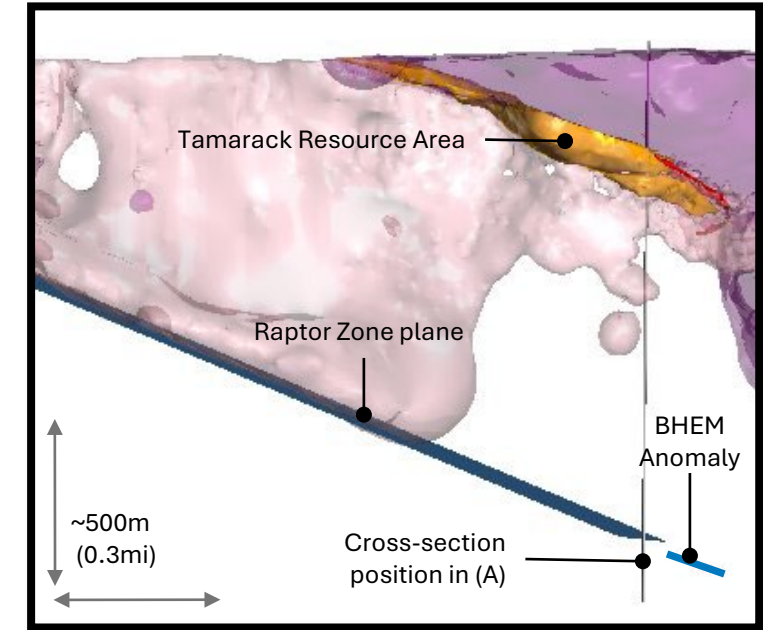
164 Zone

Hole 12TK0164 intersected 2.89m grading 3.67% Ni, 1.97% Cu, **starting at 473m** (1.1km away from resource)

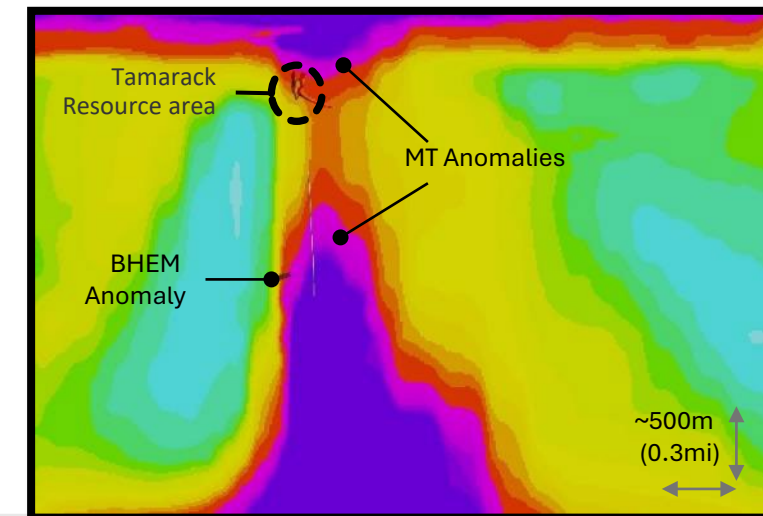
Exploration Upside

◆ Geophysical Anomalies & Mineralization

- MT (geophysical) anomaly sits directly underneath the Tamarack Resource Area.
- Off-hole BHEM (geophysical) anomaly identified at the same location, suggesting the potential for significant mineralization.
 - 140m off-hole
 - 1,300 siemens conductivity
- Last time Tamarack had a geophysical anomaly of this off-hole distance and conductivity, it indicated the presence of the entire Tamarack Resource Area.



Longitudinal Section Looking East



(A) Cross-section Looking North

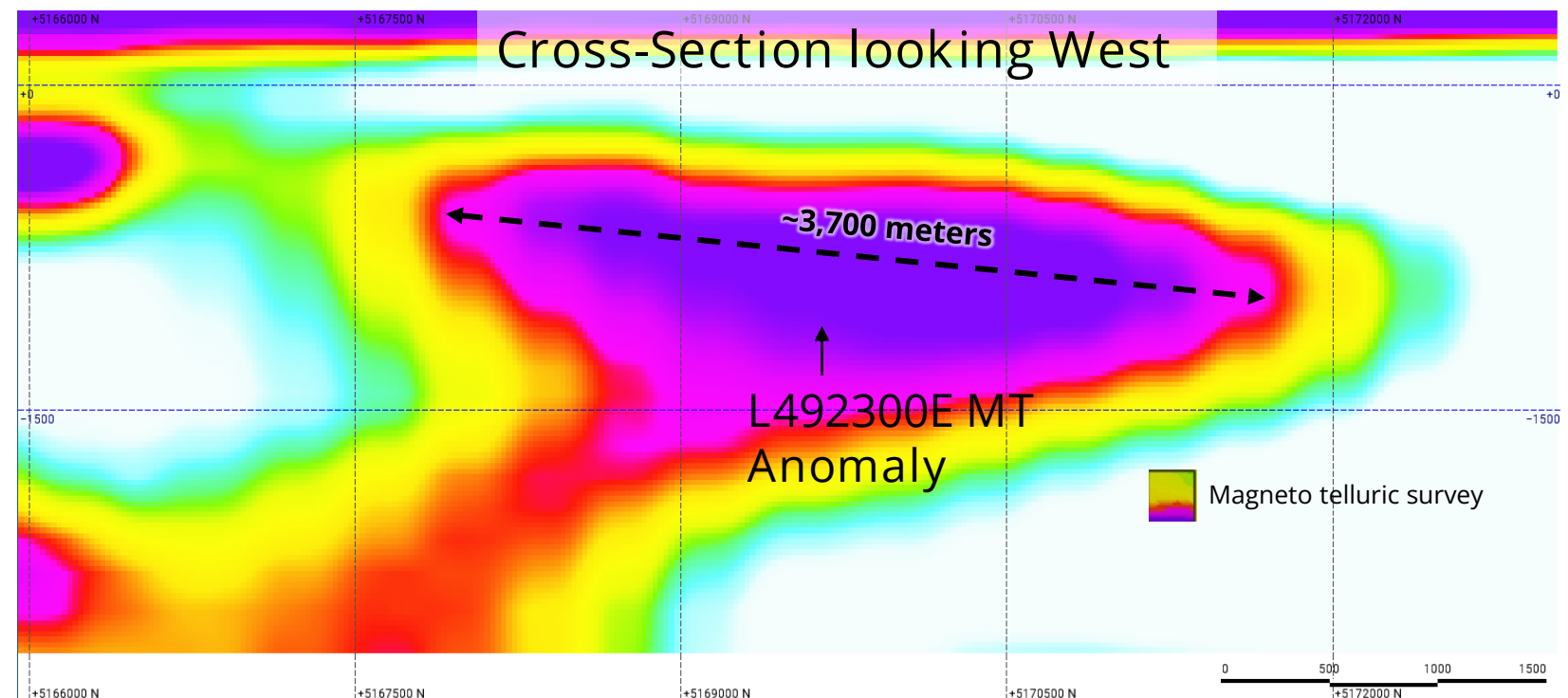
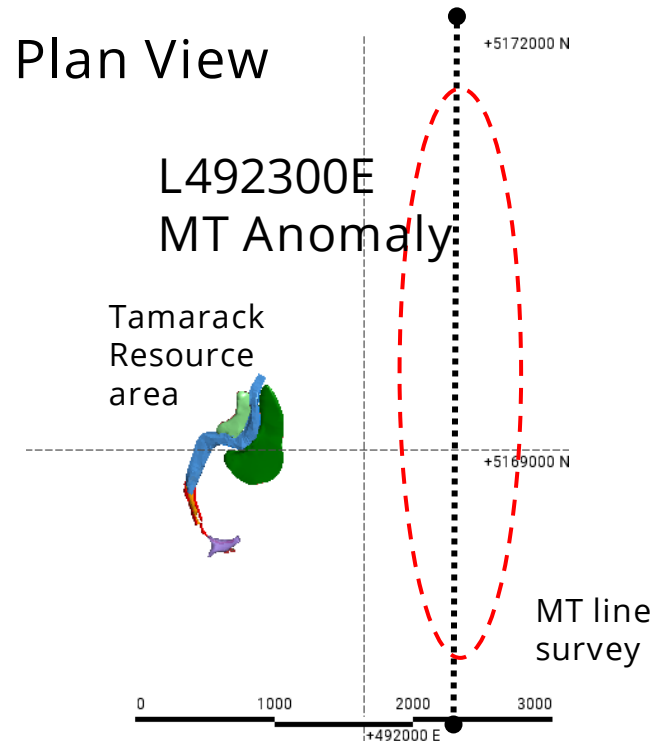
Magneto
telluric
survey

Three examples of new nickel-copper mineralization intercepted below the Tamarack Resource Area, with the center image showing net-textured sulphide mineralization and the right image showing massive sulphide mineralization (drill hole 24TK0510).



Exploration Upside

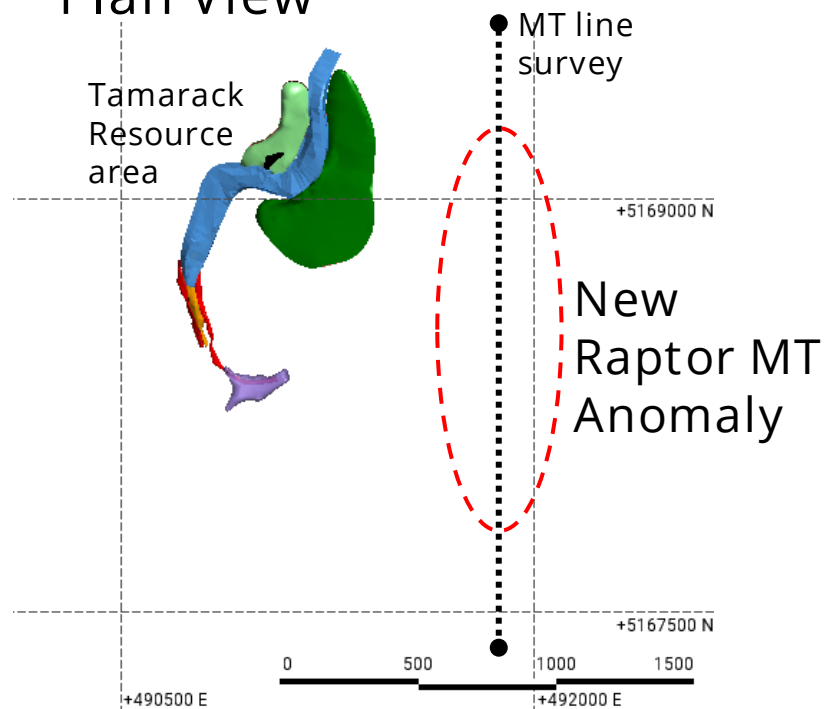
- The Vault Zone shows a dramatically different emplacement orientation striking E-W instead of the standard south-dipping nature of the Tamarack Intrusive Complex.
- All previous MT data have been modeled with E-W lines to be orthogonal to the Tamarack Intrusive Complex strike.
- Given the new discovery, MT data was reprocessed with N-S lines and identified additional anomalies of interest, including an MT anomaly on a north-south line approximately 1.5km east of Tamarack Resource Area (shown below).
- This MT anomaly begins at a depth of approx. 1000 meters and extends to approx. 1500 meters, with a strike length of approx. 3700 meters.
 - The MT data identified an ascending root that leads into a chamber-shaped anomaly.



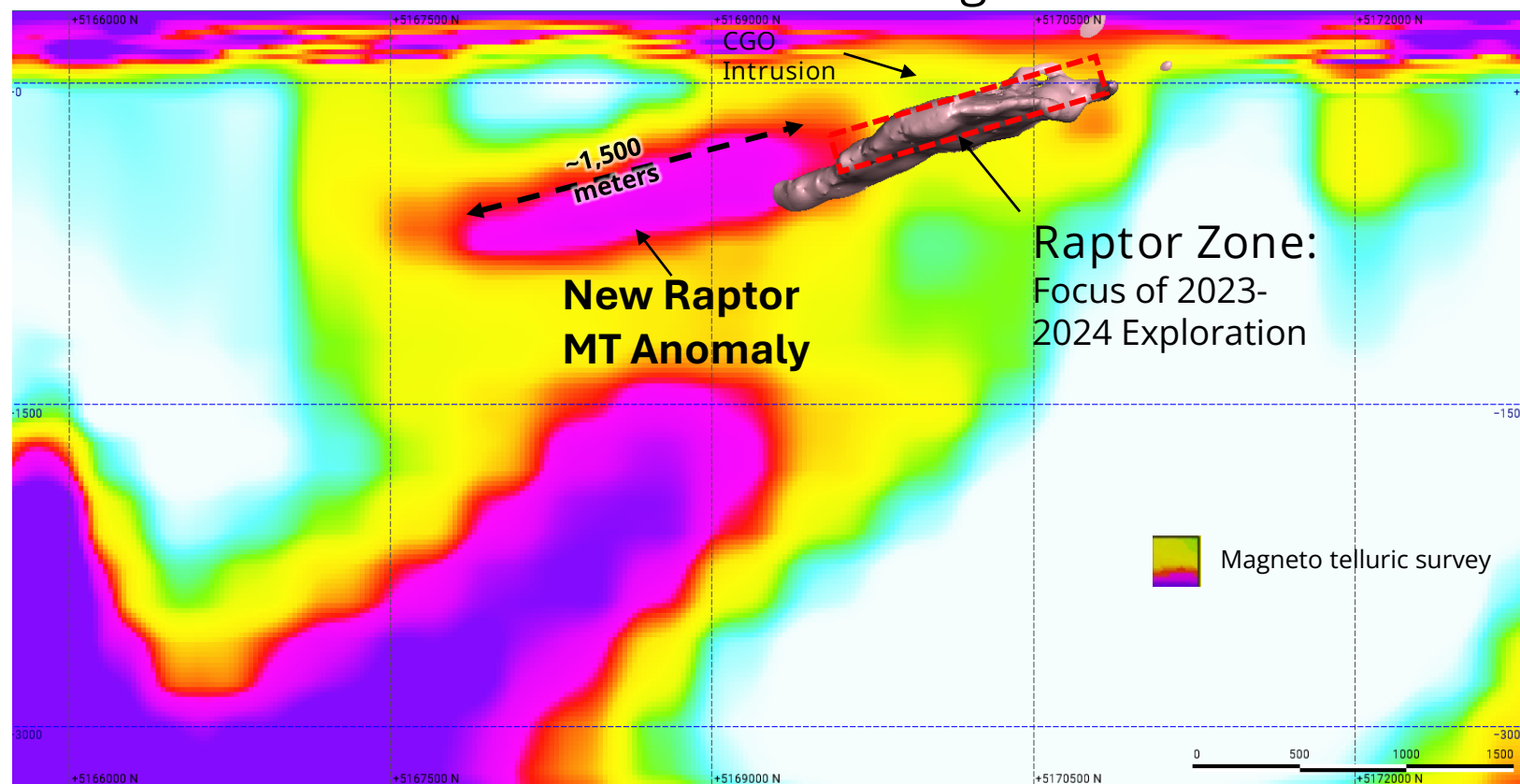
Exploration Upside

- Located approx. 1km east of the Tamarack Resource Area.
- Elongated MT anomaly that appears to be the down dip extension of the Raptor Zone (Head).
- Target is at approx. 1,000 meters depth.
- Strike length of approx. 1,500 meters.

Plan View



Cross-Section looking West



Michigan Exploration

◆ Land Package

- 2026 Michigan exploration drilling is underway with two drill rigs on site.
- 400,000+ acre land package acquired in 2022.
- Strategically located adjacent to Eagle Mine and the Humboldt Mill.

◆ Boulderdash Discovery & Results

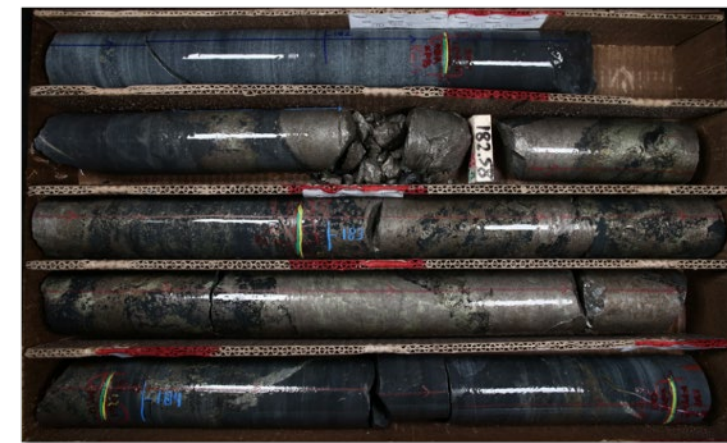
- Boulderdash is located 8 miles northwest of Eagle Mine.
- First Hole (24BD0001) intercepted 99.92 meters grading 1.60% CuEq starting at only 9.14m.
- Eighth Hole (24BD0008) intercepted 154.25 meters grading 1.93% CuEq starting at 10.75m and a 2.35m interval of MSU grading 10.47% CuEq.
- 14,878 meters of drilling completed, with 2026 planned as the largest Michigan exploration program in Talon's history.

◆ Other Targets

- Roland/BIC/Clipper: High-potential Michigan targets with historic results and Eagle-style mineralization indicators that support near-mine growth potential.



Hole 24BD0001 – selection from the 99.2m intercept.



Hole 24BD0008 – 2.35m of nickel-copper massive sulphide mineralization.



Social Performance



Proven, Trusted Social License

We engage early and often

- Regular, two-way communication with local stakeholders and elected officials.
- Public tours and twice-yearly community forums.
- High participation in Tamarack's environmental review engagement and ongoing dialogue throughout scoping/EIS.

We lead with transparency

- Clear, proactive updates on project status and timelines.
- Accessible channels for questions and follow-up (in-person + online) to reduce surprises and build trust.

We act on feedback

- Tamarack Project design evolved through engagement by incorporating feedback into planning and documentation.
- Clear focus on minimizing impacts through the Tamarack "mine-in-a-box" concept and related planning.

We invest locally

- We prioritize local jobs, local procurement, and local benefits.
- We've created 400+ non-mining jobs and established long-term NGOs.



Funding America's Next Nickel-Copper Mine

US Government Grant Funding

Federal government grants to support exploration, engineering & environmental studies

Grant Amounts in USD millions	Nature	Amount	Received to date	Remaining expected to be received
Department of War (DOW)	Exploration in Michigan and Minnesota; Feasibility study for the Tamarack Mine	\$20.6m	\$7.3m	\$13.3m
Department of Energy (DOE)	Engineering, permitting and construction for the North Dakota Minerals Processing Facility	\$114.8m	\$1.1m	\$113.8m
Department of Energy (DOE)	Talon's portion of the grant to the REV Nickel Project allocated to the construction of a paste backfill facility for the Eagle Mine	\$37.0m	-	\$37.0
Defense Logistics Agency (DLA)	Nickel concentrate refining and processing of tailings to extract remnant nickel and cobalt, iron for LFP batteries and to produce supplementary cementitious materials (SCM) for cement or concrete	\$2.5m	\$2.3m	\$0.2m
DOE Columbia University	Nickel concentrate refining	\$0.7m	\$0.7m	-
Total		US\$175.6m	US\$11.4m	US\$164.3m

Credible Backing, Strong Financial Position



Strong shareholder base and U.S. government funding support execution of Talon's U.S. nickel strategy

- ◆ Lundin Mining, the previous owner of the Eagle Mine and Humboldt Mill.
- ◆ The Pallinghurst Group, a specialist battery metals investment fund.

Capital Structure as of August 14, 2026	
Shares issued	162.0M
Warrants outstanding @ avg. exercise price of C\$3.84	1.6M
Options outstanding @ avg. exercise price of C\$3.36	9.6M
Fully diluted shares outstanding	173.3M
Share price	C\$7.20
Exchange symbols	TLO.TSX / TLOFF.OTC
Market capitalization	C\$1,170M / US\$840M

Major Shareholders	
Lundin Mining	18.1%
The Pallinghurst Group	9.1%
Strategic investor	5.8%
Management and directors	1.2%
Total of above	34.2%

Analyst Coverage
Cantor Fitzgerald
Canaccord
Paradigm Capital
TD Securities
National Bank



Leadership Team

Our Team



Darby Stacey
Chief Executive Officer



Vince Conte
Chief Financial Officer



Brian Goldner
Chief Exploration Officer



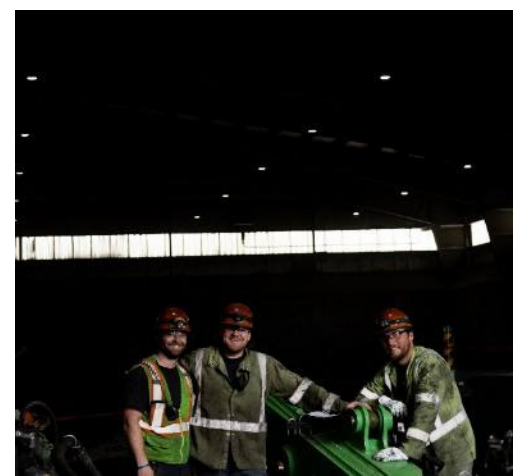
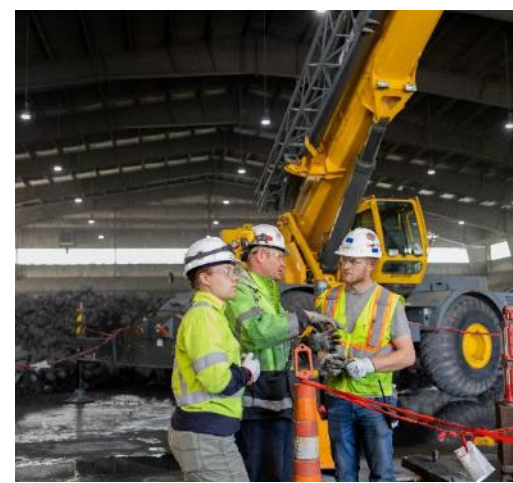
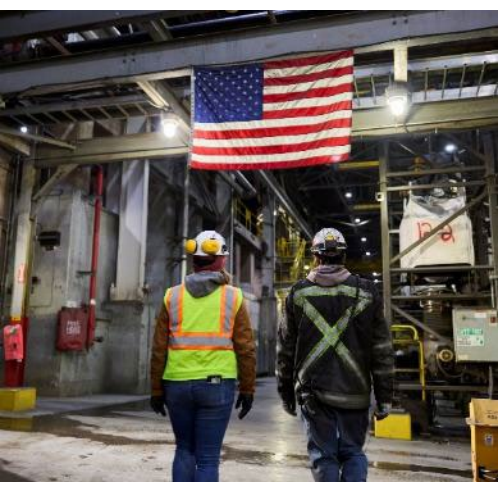
Jessica Sandstrom
Vice President
Health, Safety, and Human Resources



Rob Beranek
Vice President
Projects and Environmental



Matt Johnson
Vice President
Corporate Affairs





Appendix

Eagle Mine Mineral Resources Estimate

Domain	Category	Tonnes (kt)	Ni (%)	Cu (%)	Co (%)	Au (g/t)	Ag (g/t)	Pt (g/t)	Pd (g/t)
Eagle	Measured (M)	39	1.21	1.40	0.03	0.20	7.35	0.38	0.24
Eagle East		-	-	-	-	-	-	-	-
Keel		-	-	-	-	-	-	-	-
Total Measured		39	1.21	1.40	0.03	0.20	7.35	0.38	0.24
Eagle	Indicated (I)	43	1.17	1.26	0.03	0.18	6.45	0.34	0.21
Eagle East		1,164	1.54	1.29	0.04	0.16	5.40	0.39	0.27
Keel		2,053	1.14	0.78	0.03	0.08	3.12	0.20	0.14
Total Indicated		3,260	1.28	0.97	0.03	0.11	3.98	0.27	0.18
Eagle	M&I	82	1.19	1.33	0.03	0.19	6.88	0.36	0.22
Eagle East		1,164	1.54	1.29	0.04	0.16	5.40	0.39	0.27
Keel		2,053	1.14	0.78	0.03	0.08	3.12	0.20	0.14
Total M&I	M&I	3,299	1.28	0.97	0.03	0.11	4.02	0.27	0.19
Eagle	Inferred	19	0.99	0.82	0.03	0.09	3.50	0.21	0.14
Eagle East		-	-	-	-	-	-	-	-
Keel		113	0.92	0.69	0.02	0.06	2.54	0.11	0.13
Total Inferred		132	0.93	0.71	0.03	0.07	2.68	0.13	0.13

Notes:

1. The updated Mineral Resource Estimate ("MRE") has been reported in-situ and has been prepared in accordance with the CIM Standards (2014) and follows Best Practices outlined by the CIM (2019).
2. Mineral resources that are not mineral reserves do not have demonstrated economic viability.
3. The QP (for purposes of NI 43-101") for the updated MRE is Brian Thomas, P.Geo., an employee of WSP, and is "independent" of the Company within the meaning of Item 1.5 of NI 43-101.
4. The effective date of the MRE is February 28, 2026.
5. Mineral Resources are reported inclusive of Mineral Reserves at an NSR cut-off value of US\$150.61/t.
6. Metal prices used: US\$9.37/lb Ni, US\$5.69/lb Cu, US\$20.00/lb Co, US\$3,825/oz Au, US\$44.50/oz Ag, US\$1,500/oz Pt, and US\$1,205/oz Pd.
7. Rounding may result in apparent summation differences between tonnes, grade, and metal content.

Eagle Mine Mineral Reserves Estimate

- The Eagle East and Keel deposits represent the majority of the remaining reserve base.
- Mineral Reserves are reported as diluted tonnes delivered to the process plant and are inclusive of dilution and mining loss.

Domain	Category	Tonnes	Grade				Contained Metal										
			Ni	Cu	Au	Ag	Co	Pt	Pd	Ni	Cu	Au	Ag	Co	Pt	Pd	
		(kt)	(%)	(%)	(g/t)	(g/t)	(%)	(g/t)	(g/t)	(kt)	(kt)	(koz)	(koz)	(kt)	(koz)	(koz)	
Eagle	Proven	27	1.16	1.36	0.18	6.94	0.03	0.35	0.22	0.31	0.36	0.15	5.92	0.01	0.30	0.19	
	Probable	14	1.04	1.08	0.15	5.74	0.03	0.28	0.18	0.14	0.15	0.07	2.58	0.00	0.13	0.08	
	Sub Total	41	1.12	1.27	0.17	6.52	0.03	0.32	0.20	0.45	0.51	0.22	8.50	0.01	0.42	0.27	
Eagle East	Proven	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Probable	1 155	1.31	1.09	0.13	4.62	0.03	0.33	0.23	15.15	12.61	4.99	171.7	0.40	12.2	8.36	
	Sub Total	1 155	1.31	1.09	0.13	4.62	0.03	0.33	0.23	15.15	12.61	4.99	171.7	0.40	12.2	8.36	
Keel	Proven	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Probable	2 290	0.94	0.68	0.07	2.71	0.03	0.17	0.12	21.50	15.48	5.52	199.4	0.59	12.8	8.81	
	Sub Total	2 290	0.94	0.68	0.07	2.71	0.03	0.17	0.12	21.50	15.48	5.52	199.4	0.59	12.8	8.81	
Total	Proven	27	1.16	1.36	0.18	6.94	0.03	0.35	0.22	0.31	0.36	0.15	5.9	0.01	0.30	0.19	
	Probable	3 459	1.06	0.82	0.09	3.36	0.03	0.23	0.16	36.79	28.25	10.57	373.6	0.99	25.2	17.3	
	Total P&P	3 486	1.06	0.82	0.09	3.39	0.03	0.23	0.16	37.10	28.61	10.73	379.6	1.00	25.5	17.4	

Notes:

- The Mineral Reserves disclosed are classified as Proven and Probable and are based on the 2014 CIM Definition Standards and 2019 CIM Estimation of Mineral Resources and Mineral Reserves Best Practice Guidelines.
- Mineral Reserves are estimated at a stope full cost NSR cut-off of US\$150.61/t, a stope marginal cost NSR cut-off of US\$107.29/t, and a development NSR cut-off of US\$52.30/t.
- Mineral Reserves are estimated using average long-term prices of US\$8.15/lb Ni, US\$4.95/lb Cu, US\$20/lb Co, US\$3,825/oz Au, US\$44.50/oz Ag, US\$1,500/oz Pt, and US\$1,205/oz Pd.
- Bulk density interpolated in block model ranges from 2.98 t/m³ to 4.44 t/m³ and averages 4.11 t/m³.
- The reference point at which the Mineral Reserves are defined is where the ore is delivered to the process plant and therefore not inclusive of milling recoveries or payable metal deductions.
- Contained Metal for Au, Ag, Pt, and Pd is reported in Troy Ounces and calculated as follows: Contained Metal, (koz) = Tonnage (kt) * Grade (g/t) * 0.032151.
- Numbers may not add due to rounding.
- The QP is not aware of any environmental, permitting, legal, title, taxation, socio-economic, marketing, or political factors that might affect the estimate of Mineral Reserves, other than those specified in Section 15.10.
- The effective date of the estimate of Mineral Reserves is February 28, 2026.

LOM Production Schedule

KPIs	Unit	Operational Period (Mar 2026 - 2030)	2026 (Mar – Dec)	2027	2028	2029	2030
Ore Tonnes Mined and Milled	kt	3,486	628	787	787	787	497
Ni Head Grade	%	1.06%	1.46%	0.97%	1.01%	0.97%	0.95%
Cu Head Grade	%	0.82%	1.20%	0.76%	0.74%	0.73%	0.72%
Ni Recovery	%	79.8%	82.7%	78.7%	78.9%	78.6%	79.1%
Cu Recovery to Cu con	%	76.8%	78.7%	77.1%	75.4%	75.8%	75.9%
Cu Recovery to Ni con	%	17.5%	17.0%	16.8%	18.2%	17.8%	17.8%
Ni metal produced	t	29,579	7,585	5,979	6,256	6,008	3,751
Cu metal produced	t	26,986	7,220	5,644	5,444	5,343	3,335