

TSX-V: **FWZ** | OTCQX: **FWEDF** | FSE: **MoG**



**FIREWEED**

METALS

# ADVANCING A STRATEGIC CRITICAL MINERALS DISTRICT

Corporate Presentation – June 2026

Proud member of the  
**LUNDINGGROUP**

# PROJECT LOCATIONS & EXISTING INFRASTRUCTURE

Alaska



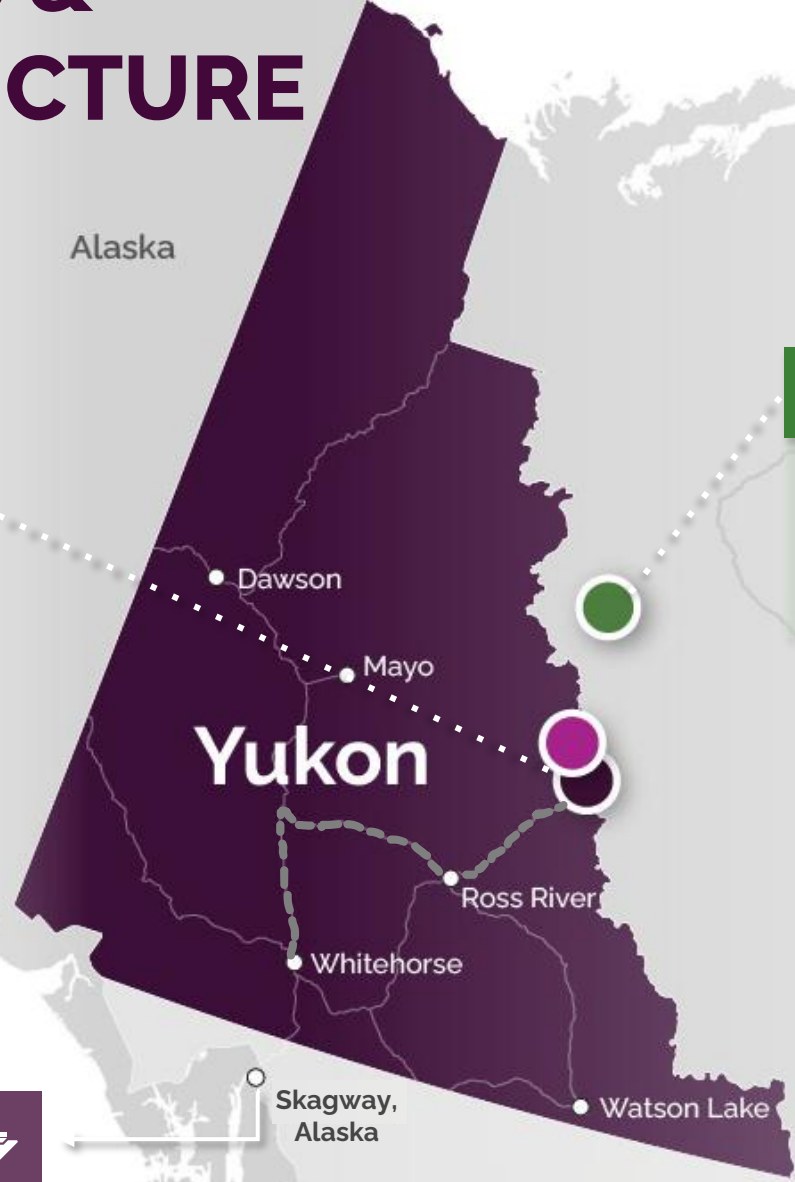
**Macpass District**  
Macpass (Zn-Pb-Ag-Ga-Ge)  
& Mactung (W) Projects

*(~985 km<sup>2</sup> land package)*

- **Macpass:** multiple large-scale sediment hosted zinc-primary deposits with mineralization hosted along splays of the Hess-Macmillan structural trend
- **Mactung:** high-grade tungsten skarn deposit hosted within intrusives of the Tombstone Tungsten Belt

**Gayna (Zn-Pb-Ag) Project**

Exploration: geologic setting and mineralization in-line with high-grade reef-style deposits

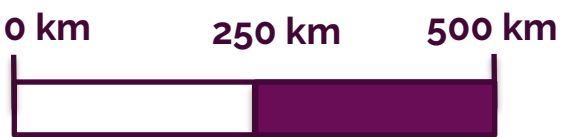


**Railhead**

**Trail Smelter**

Northwest Territories

*Projects Are Accessible Via Road and Existing Airstrip at Site*



**Deep-sea port with access to Asia**

Skagway, Alaska

British Columbia

Dawson Creek

Trail, BC

# INVESTMENT HIGHLIGHTS



**Advancing a Critical Metals District:** Owner of a 985 km<sup>2</sup> land package, comprising two of the world's largest undeveloped resources in their class:<sup>1</sup>

## Mactung (Tungsten)

- ▶ The world's largest high-grade tungsten deposit<sup>1</sup>
- ▶ Feasibility Study underway (expected early 2027)

## Macpass (Zinc-Lead-Silver-Gallium-Germanium)

- ▶ One of the world's largest undeveloped zinc assets not held by a major
- ▶ Globally significant Gallium and Germanium by-product content
- ▶ Tom deposit demonstrates significant massive sulfide step-out potential



## Government Critical Metals Funding:

- ▶ ~C\$35.40 M in joint U.S. DPA Title III and Canadian CMIF funding
- ▶ Advancing Mactung to a development decision
- ▶ Advancing road and power infrastructure improvement engineering and planning



## Invested in Growth and Unlocking the District:

- ▶ Over 25,000 m of drilling (post MRE cut-off) driving known mineralized zone extensions and new discoveries



## Backed by District Builders:

- ▶ Lundin Group Company

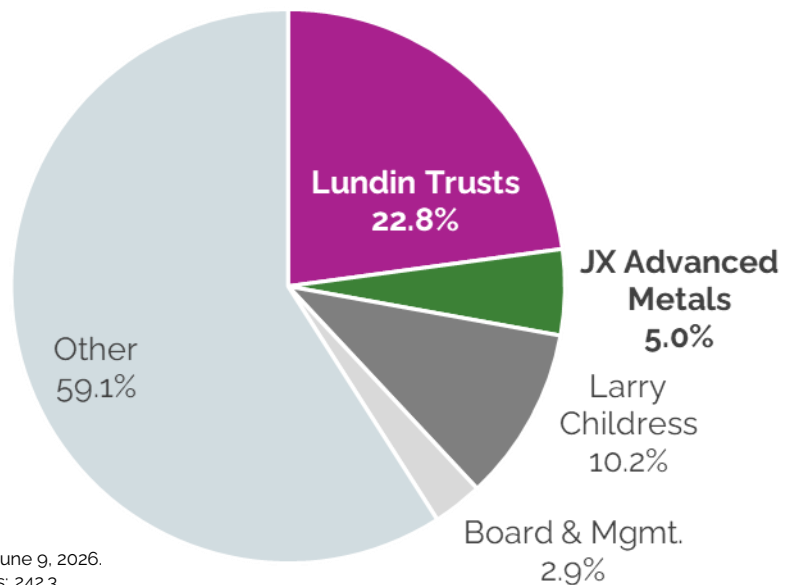
1. References to relative size, grade, and metal content of the Mactung resources and Macpass resources in comparison to other tungsten, zinc, gallium, and germanium deposits elsewhere in the world, respectively, are based on review of the Standard & Poor's Global Market Intelligence Capital IQ database.  
Note: For complete MRE-related notes refer to the relevant slides at the end of this presentation.



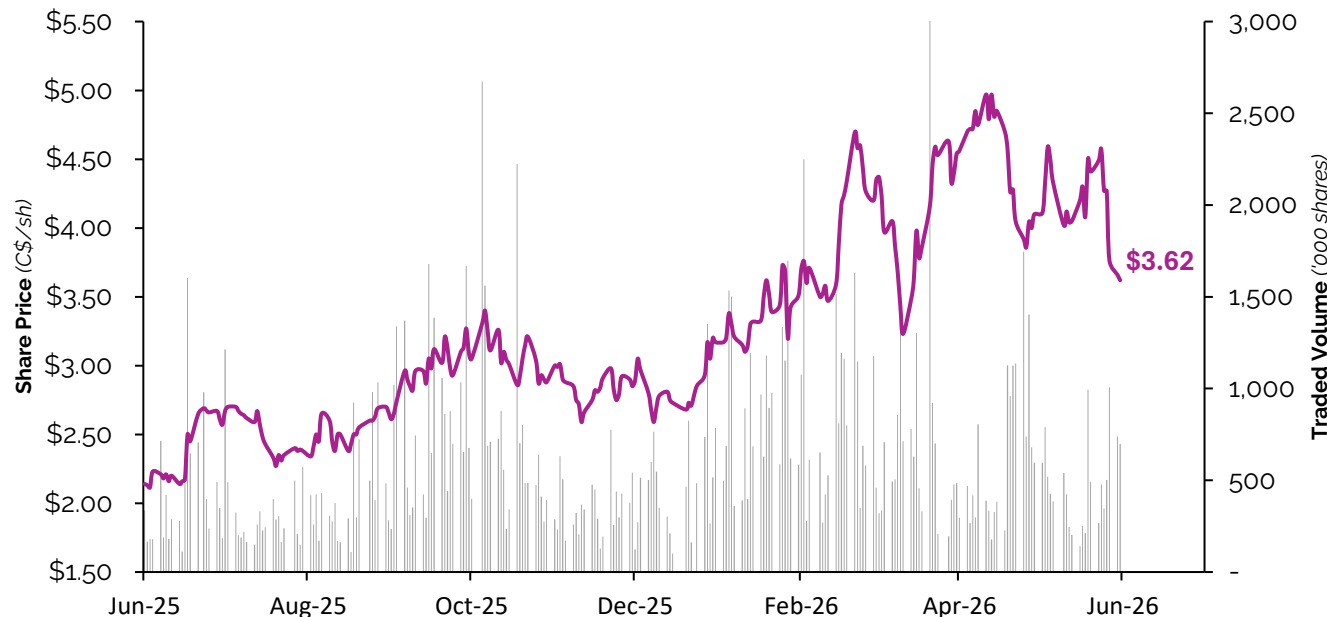
# FIREWEED CORPORATE OVERVIEW

## Capital Structure

Share Price <sup>1</sup>	(C\$ / sh)	\$3.62
Issued & O/S Shares <sup>1,2</sup>	(M shares)	227.1
Market Cap. <sup>1</sup>	(C\$ M)	\$822.0
52-week High / Low <sup>1</sup>	(C\$ / sh)	\$4.97 / \$2.12
Cash Balance	(C\$ M)	<b>\$17.6<sup>3</sup></b> <b>+\$61.5 (Recent Financing)<sup>4</sup></b>



## Fireweed Share Price Performance (LTM)<sup>1</sup>



## Analyst Coverage

 <b>CORMARK CAPITAL MARKETS</b> Stefan Ioannou, PhD	 Canaccord Genuity Peter Bell, MSc, P. Geo	 RAYMOND JAMES® Daniel Magder, CPA, CA	 Ventum Financial Surya Sankarasubramanian, CFA
 BMO Rene Cartier, CPA, CA, CBV, CFA	 agentis CAPITAL Michael Gray, MSc	 CAPITAL MARKETS HAYWOOD Pierre Vaillancourt	

1. Market data as of June 9, 2026.

2. Fully diluted shares: 242.3.

3. As of March 31, 2026.

4. Closed April 2, 2026, with participation from JX Advanced Metals and the Lundin Family Trusts.

Note: Insider ownership based on latest SEDI filings and available public information.

# STRATEGIC INVESTMENT - JX ADVANCED METALS

## JX Strategic Investment In Fireweed

- ▶ \$47.4 M strategic investment (5% equity)
- ▶ Expanding JX-Lundin Group relationship (North & South America)
- ▶ Demonstrating FWZ's role in critical supply chains

## Integrated Global Metals Company

- ▶ Japanese headquartered with global operations
- ▶ Resource development, smelting/refining, development and manufacture of advanced materials essential to IoT and AI

## Sputtering Targets For Semiconductors (Segment)

- ▶ ~ 60% global market share<sup>1</sup>
- ▶ Scaled manufacturing and high-purity materials expertise
- ▶ Critical position within the semiconductor supply chain

## North American Presence

- ▶ Including new Arizona facility supplying semiconductor manufacturers in the U.S. and Europe



Advanced Sputtering Target Manufacturing



JX Advanced Metals Mesa, Arizona opening (November, 2024)

1. JX Advanced Metals results for fiscal 2023.

# LEADERSHIP



**Adam Lundin**  
Chairman

- **Lundin Mining Corporation** – Chairman
- **LunR Royalties** – President, CEO, & Chairman
- **Filo Corp.** – Chairman\*
- **Josemaria Resources** – Director, President & CEO\*
- **NGEx Minerals, Lucara Diamond** – Director



**Ian Gibbs**  
Director, President & CEO

- **Filo Corp.** – CFO\*
- **Josemaria Resources** – CFO\*
- **Africa Oil Corp.** – CFO\*
- **Tanganyika Oil** – CFO\*
- **Valkyries Petroleum** – CFO\*
- **Lundin Gold, Lucara Diamond** - Director

## MANAGEMENT



**Tyler Keeling**  
CFO



**Jack Milton**  
VP Exploration



**Alex Campbell**  
VP Corp. Development



**Ian Ponsford**  
VP External Affairs



**Lauren Haney**  
VP Indigenous Relations  
& Sustainability



**Ben Patterson**  
VP Projects  
& Evaluations



**Penny Johnson**  
Corporate Secretary

## BOARD OF DIRECTORS



**Paul Harbidge**  
Faraday Copper - CEO



**Jamie Beck**  
Lundin Gold – CEO



**Ron F. Hochstein**  
Vicuña Corp. – CEO



**Wojtek Wodzicki**  
NGEX Minerals - CEO



**Jill Donaldson**  
IWJ Law – Senior  
Adviser

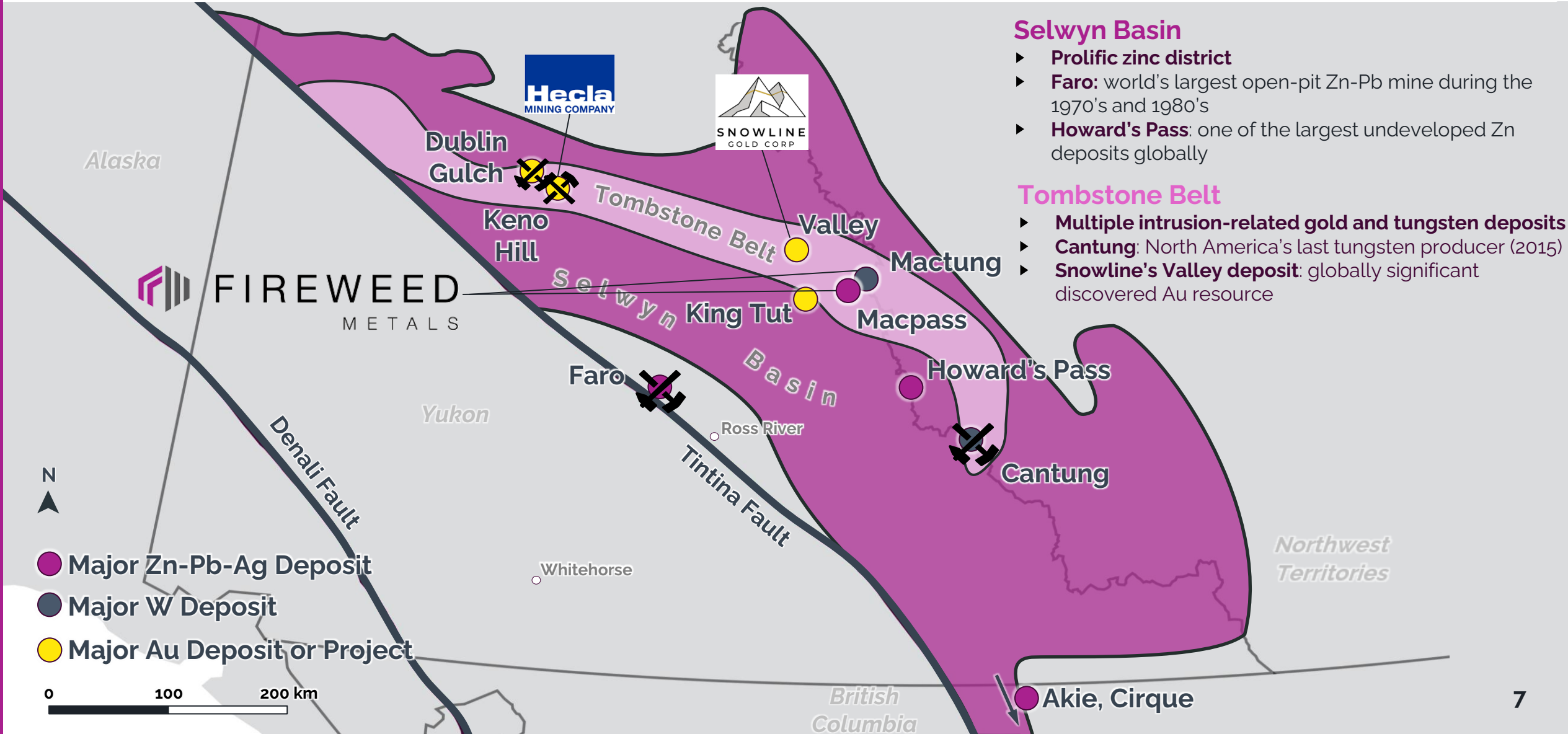


**Peter Hemstead**  
Bluestone Resources - CEO\*

\* Denotes former position held.

# REGIONAL GEOLOGY

*Macpass is Located at the Heart of a Rapidly Developing Natural Resource Hub*



## Selwyn Basin

- ▶ **Prolific zinc district**
- ▶ **Faro:** world's largest open-pit Zn-Pb mine during the 1970's and 1980's
- ▶ **Howard's Pass:** one of the largest undeveloped Zn deposits globally

## Tombstone Belt

- ▶ **Multiple intrusion-related gold and tungsten deposits**
- ▶ **Cantung:** North America's last tungsten producer (2015)
- ▶ **Snowline's Valley deposit:** globally significant discovered Au resource

- Major Zn-Pb-Ag Deposit
- Major W Deposit
- Major Au Deposit or Project



# Mactung Project

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## A Strategic North American Tungsten Resource

We respectfully acknowledge that the Mactung Project is located on the Traditional Territories of the Kaska Dena Nation and the First Nation of Na-Cho Nyäk Dun, and the Sahtu Settlement Area.

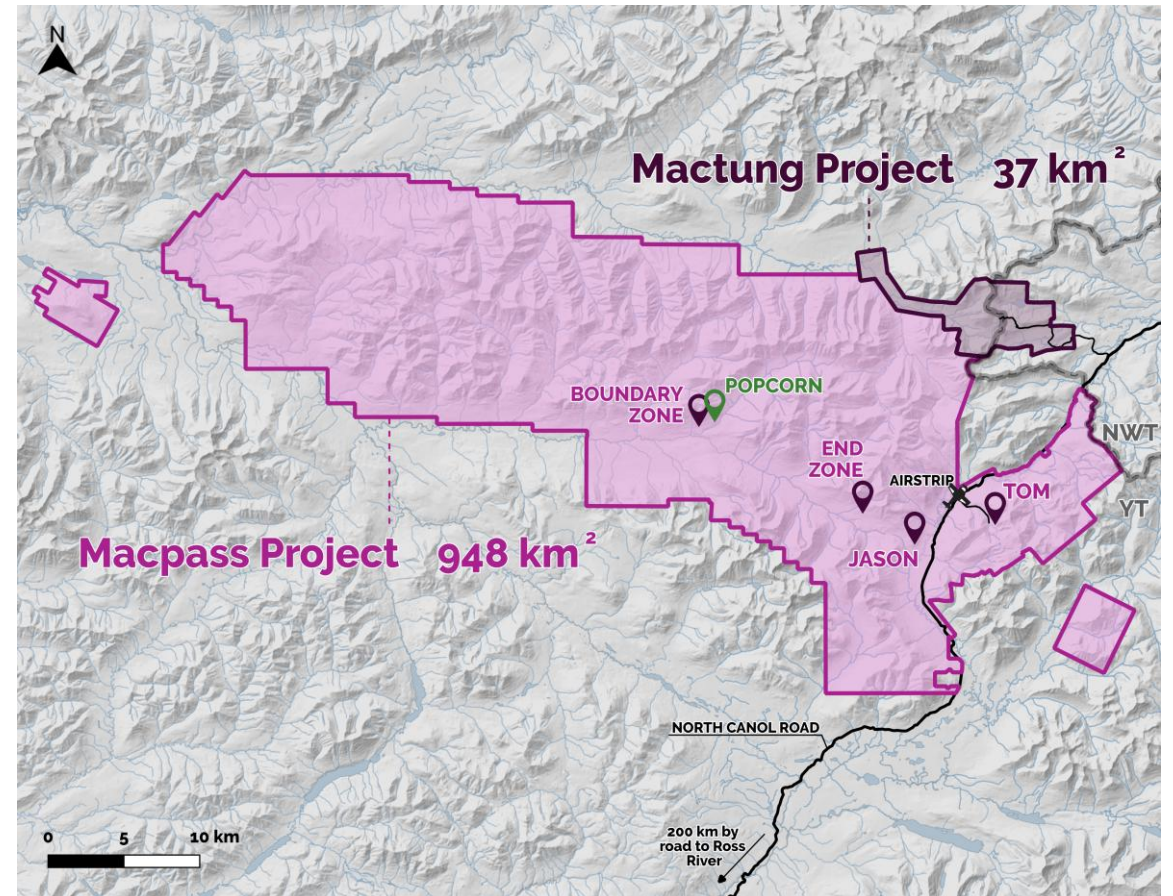
# THE WORLD'S LARGEST HIGH-GRADE TUNGSTEN DEPOSIT

*Leading the Way in Unlocking our Critical Metals District*

## Mactung Highlights

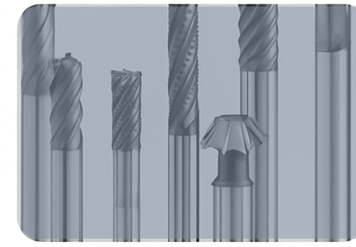
- ✓ Large, high-grade, **tungsten** deposit, 100% owned by Fireweed
- ✓ **Adjacent to Macpass**
- ✓ **Accessible** via the North Canol Road and airstrip
- ✓ Historic **Feasibility Study (2009)**
- ✓ **Environmental Assessment (2014)**
- ✓ **US\$15.8 M awarded** by US Department of War under Defense Production Act Title III ("DPA")
- ✓ **C\$12.9 M awarded** under Canadian Critical Mineral Infrastructure Fund ("CMIF") to advance infrastructure improvement planning
- ✓ **Comprehensive 2025 field program** and **ongoing 2026 technical drilling** informing updated **Feasibility Study (expected early 2027)**

*No North American Primary Tungsten Production Since 2015*



Macpass Project Claims  Mactung Project Claims

# TUNGSTEN OVERVIEW



## Properties

- **Highest melting point metal** (3,422 °C)
- **Ultra-dense** (virtually as dense as gold)
- **Exceptional hardness & strength**
- **Resistance to heat and corrosion**

*Tungsten remains stable under extreme conditions, making it one of the most durable materials known*

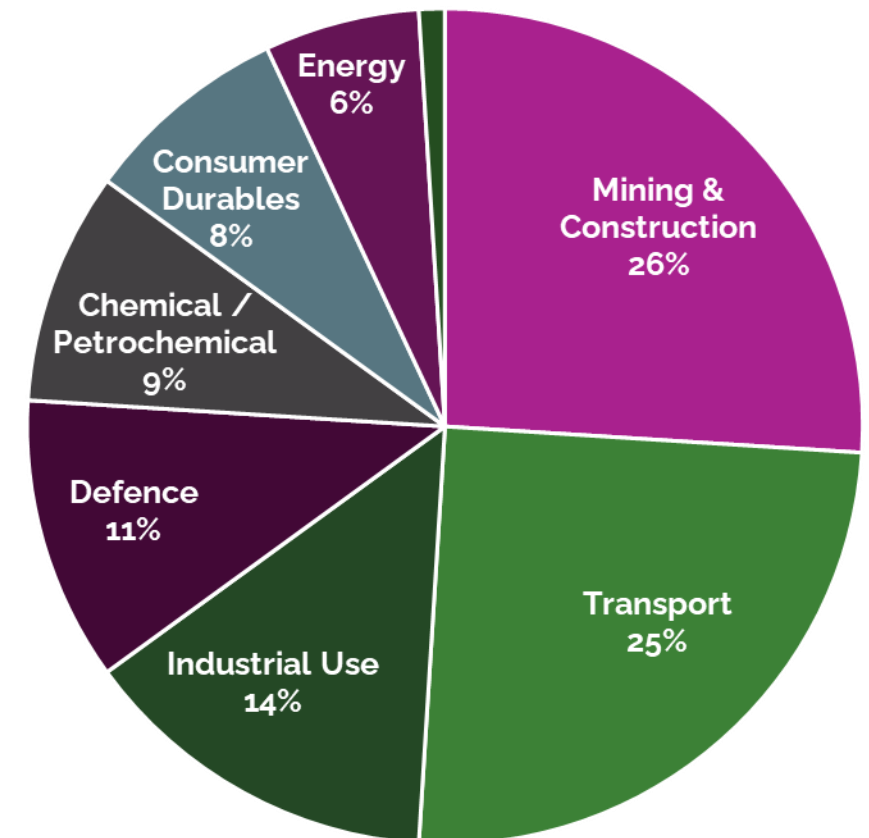
## Industrial Applications

- Automotive Parts
- Aerospace & Defence
- Industrial Machinery
- Drilling, Boring, & Cutting
- Logging & Mining
- Electrical & Electronics Appliances

## Legend

- **Carbides**
- **Alloys & Mill Products**

*Scheelite (CaWO<sub>4</sub>) mineral ore is the preferred source of tungsten*



Source: International Tungsten Industry Association Data 2025

## Tungsten End Uses

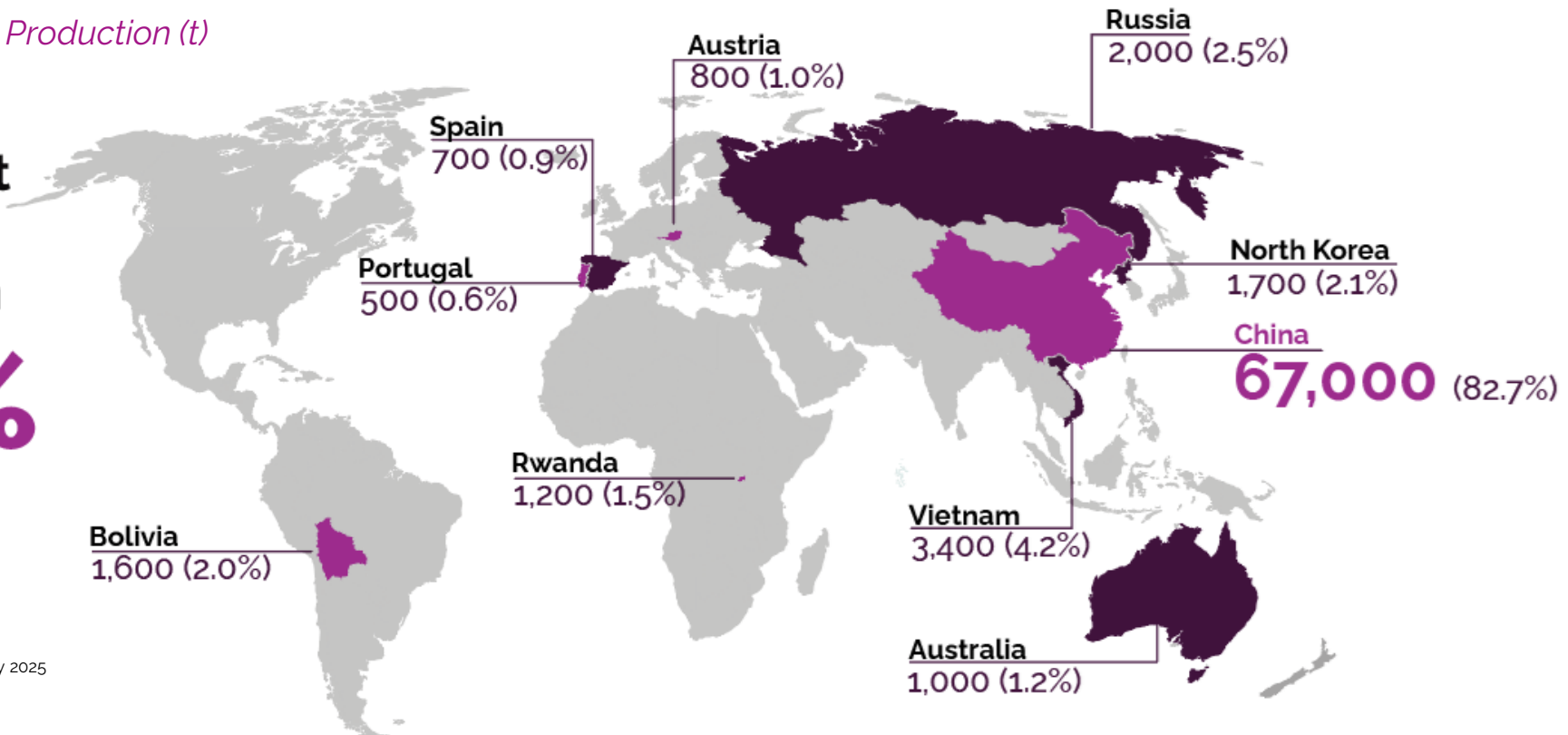
# WHY TUNGSTEN?

2024e Global Tungsten Production (t)

China is the world's largest tungsten producer, with

# 82.7%

of the world's production in 2024.



Source: USGS Mineral Commodity Summary 2025

## No Domestic Tungsten Sources

No North American production of tungsten concentrates since 2015

## Supply Disruptions

Major supply chain disruptions resulting from Chinese export restrictions

## Critical and Strategic

Tungsten has been added to the **U.S.**, **Canada**, **E.U.**, and **NATO** critical minerals lists given its **strategic importance** to **economies** and **national security**

# GLOBAL CRITICAL MINERALS POLICY ENVIRONMENT

*A Convergence of Canadian, U.S., and E.U. Creating Unprecedented Support for Strategic Tungsten Projects*



- \$3.8 billion federal **Critical Minerals Strategy**
- **Critical Minerals Infrastructure Fund**: \$1.5 billion through 2030
- **Expanded Critical Mineral Exploration Tax Credit** now includes tungsten
- **First and Last Mile Fund**: \$1.5 billion for mine development to processing
- **G7 Critical Mineral Production Alliance**: potential floor pricing
- New **Defense Industrial Strategy** to accelerate defense-critical mineral projects and begin stockpiling

## Mactung

*Uniquely and Strategically Positioned to Benefit from Favourable Critical Minerals Policy Environment*

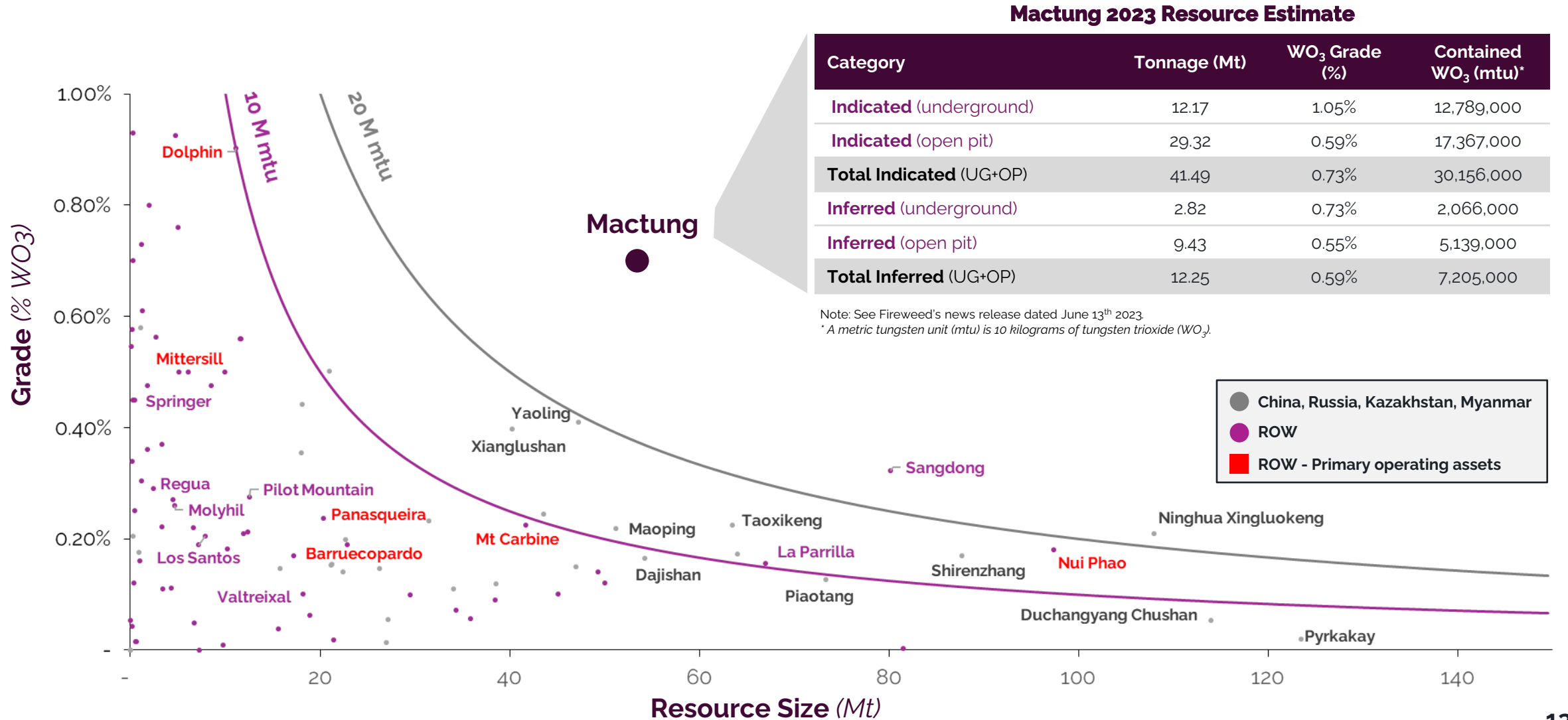


- Up to \$1 billion for **Defense Production Act Title III** awards
- Favourable debt instruments from **EXIM Bank Supply Chain Resilience Initiative** and **Project Vault**: \$10 billion for critical minerals strategic reserve
- \$2 billion **National Defense Stockpile**;
- U.S. International **Development Finance Corporation (DFC)** coordinating deployment of up to \$5 billion for critical minerals projects
- Actively coordinating **international price-floor coalition**



- **Critical Raw Materials Act** designates 'Strategic Projects' globally to strengthen supply chains
- **RESourceEU**: €3 billion mobilized for CRM projects
- **ReArm Europe/Readiness 2030** mobilizing up to € 800 billion to accelerate defense production
- **European Investment Bank and state-owned bank investments** directly in critical mineral projects globally

# MACTUNG STANDS OUT



# PROGRAM OVERVIEW

## Advancing Project in Line with DPA Title III Work Program

### Drill Program (2025 Completed, 2026 Ongoing)

- 2025 Program:
  - 11,117 m of multi-purpose drilling (geotech., hydrogeological, and resource definition)
  - 27,753 m core scanning (9,575 m new + 18,178 m historical)
- 2026 Program: 2,000 m geotechnical & hydrogeological drilling to support licensing

### Infrastructure Advancements (Completed)

- Historical underground workings accessed (800 m adit)
- Established new 49-person camp ("Dale Camp")
- New Dale Creek bridge constructed and access road remediated
- Reclaimed historical structures

### Technical Work (Ongoing)

#### Comprehensive metallurgical, geometallurgical and geochemical testwork

- Focus on variability/domaining informing met recovery + source terms for water model
- Block model update underway, incorporating metallurgy, geochemistry and infill drilling

#### Geotechnical & hydrogeological testing and characterization

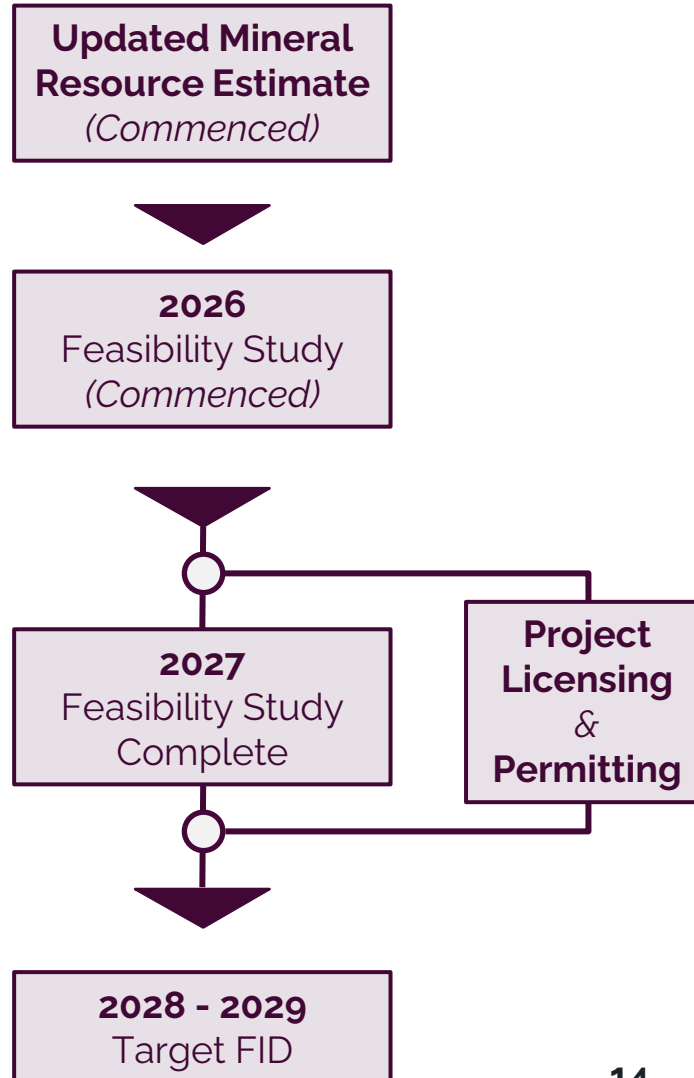
- Robust dataset informing mine, plant and infrastructure design, groundwater modelling, and borrow/aggregate sourcing for construction

#### Optimization of project configuration

- Mining, process plant, and supporting infrastructure

### Commercial Engagement (Ongoing)

- Ongoing engagement with North American midstream processors



# 2025 FIELD HIGHLIGHTS

## *Demonstrated Scale and Grade of Deposit*

### **MT25-048**

- ▶ 12 m true width of 6.21% WO<sub>3</sub> - (Sekwi 2B)

### **MT25-034**

- ▶ 29 m true width of 2.56% WO<sub>3</sub> - (Sekwi 2B)

### **MT25-051**

- ▶ 16 m true width of 4.53% WO<sub>3</sub> - (Sekwi 2B)

### **MT25-038**

- ▶ 15 m true width of 2.15% WO<sub>3</sub> - (Sekwi 2B)

**Dale Camp** – 49 Person Capacity



**Dale Creek Bridge**



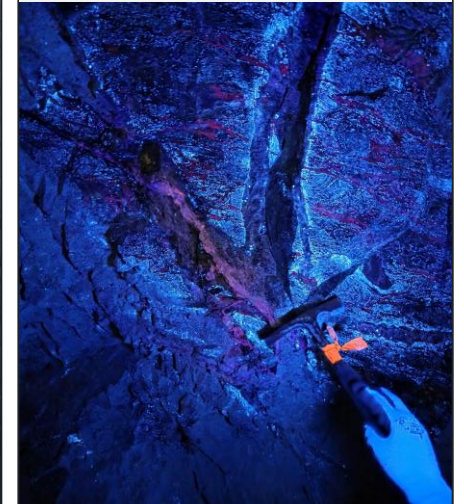
**MT25-051** - High-grade Scheelite (CaWO<sub>4</sub>) Under Short Wave UV



**Safe Re-Entry to Mactung 800 m Adit**

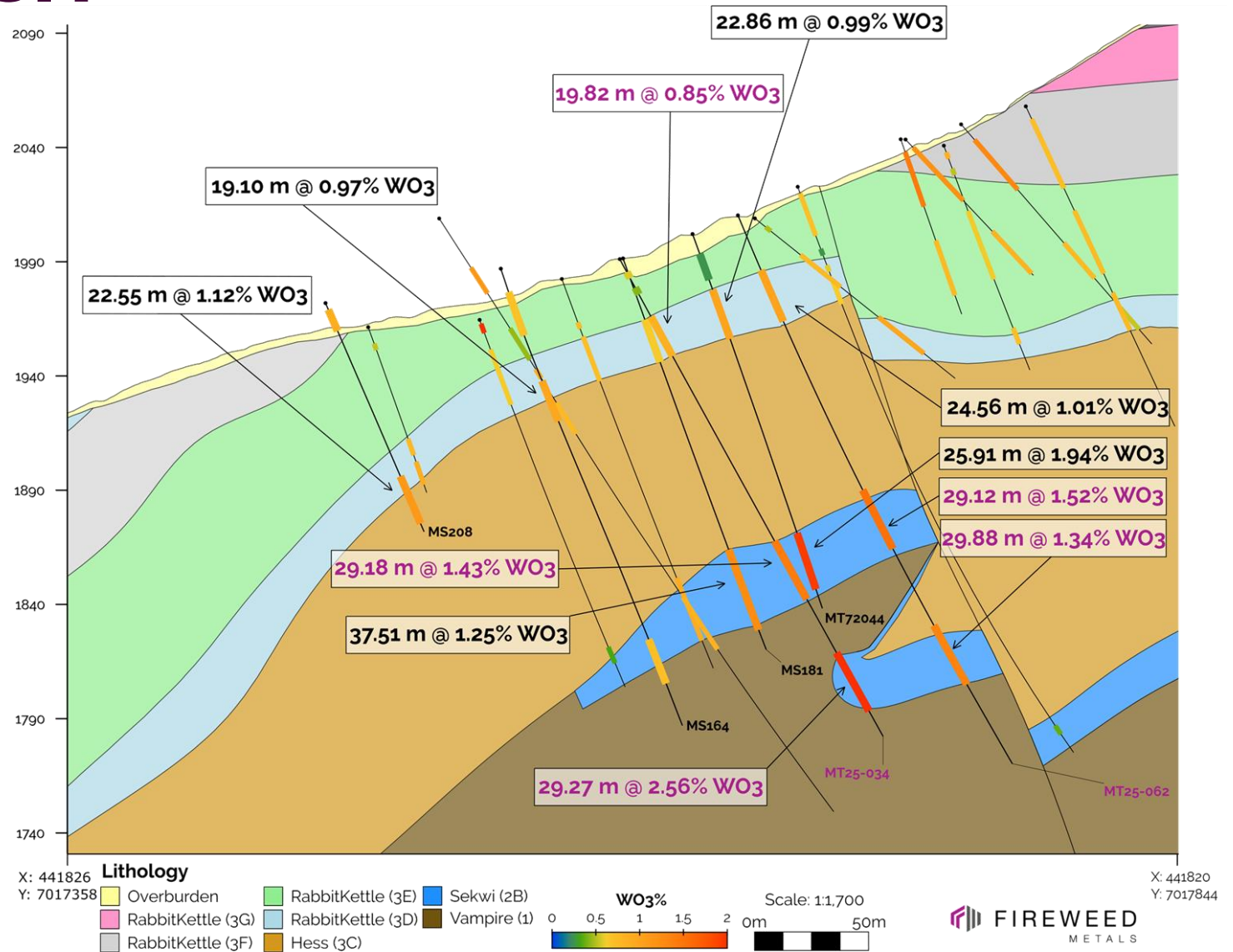


**Scheelite in Adit**



# MACTUNG DEPOSIT

- Updated and refined geological model based on additional drilling and core scanning to inform mineral resource update
- **High-grade stratiform tungsten mineralization hosted in multiple wide zones**
- **Resource includes high-grade mineralization present at surface**
- The highest-grade layer (Sekwi) is located approximately 100 m underground and can be accessed from a historical adit



**Mactung Cross Section Looking West**

An aerial photograph of a mountainous region. The foreground shows a valley with a small settlement consisting of several buildings and a road. The middle ground features rolling hills and a river. The background is dominated by large, rugged mountains under a clear blue sky with a few clouds. The text is overlaid on the image.

# Macpass Project

## Rapidly-Growing District

We respectfully acknowledge that the Macpass Project is located on the Traditional Territories of the Kaska Dena Nation and the First Nation of Na-Cho Nyäk Dun.

# MACPASS DISTRICT

## Macpass 2024 MRE

**55.98 Mt** at 7.27% ZnEq<sup>2,3</sup>  
(5.50% Zn, 1.58% Pb, and 24.2 g/t Ag)

**48.46 Mt** at 7.48% ZnEq<sup>2,3</sup>  
(5.15% Zn, 2.08% Pb, and 25.3 g/t Ag)

**Indicated**

**Inferred**

## Globally Significant Gallium (Ga) and Germanium (Ge) Metal Content

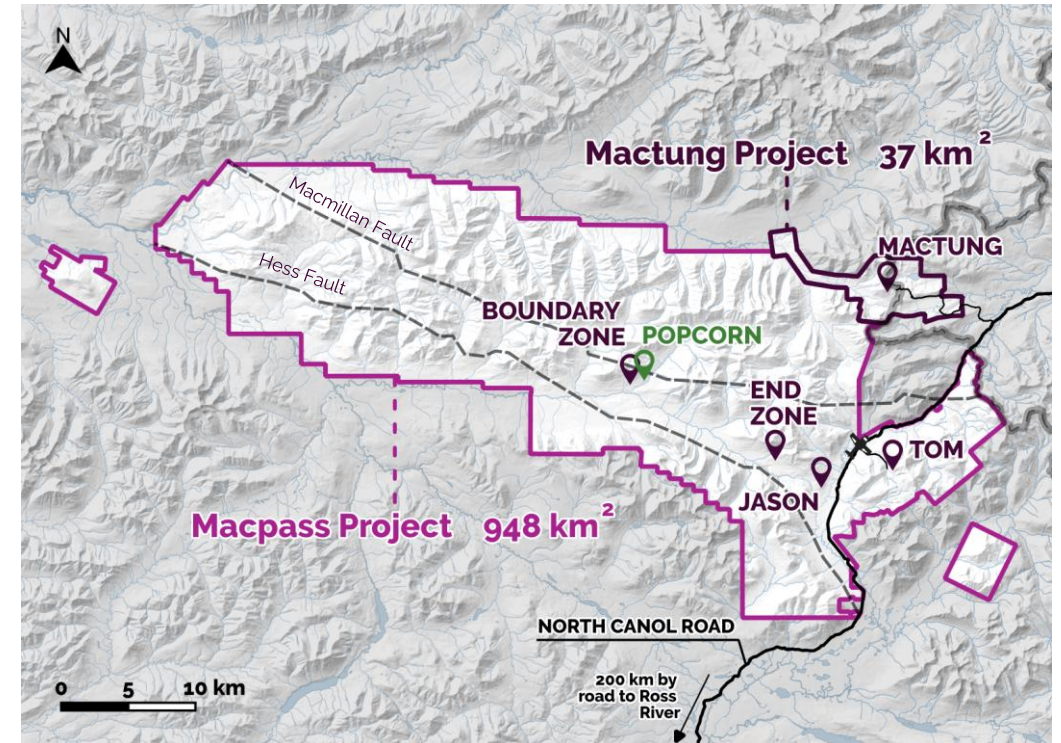
- ▶ 412,900 kg Ga + 614,800 kg Ge by-product in **Indicated** Resource<sup>3</sup>
- ▶ 282,100 kg Ga + 394,400 kg Ge by-product in **Inferred** Resource<sup>3</sup>

## Highlights

- ✓ 8,850 m completed in 2025; 7,500 m drilling program underway in 2026
- ✓ Continuing to define extensions at known mineralized zones (over 25,000 m of drilling post MRE cut-off)
  - Successful wide step-outs at Tom South support high-grade resource upside potential
- ✓ Structural control along SE-NW trends (948 km<sup>2</sup> land package) to drive additional prospectivity

*Multiple Large-scale Sediment Hosted Zinc-primary Deposits Forming One of the World's Largest Undeveloped Zinc Districts<sup>1</sup>*

## The Macpass District

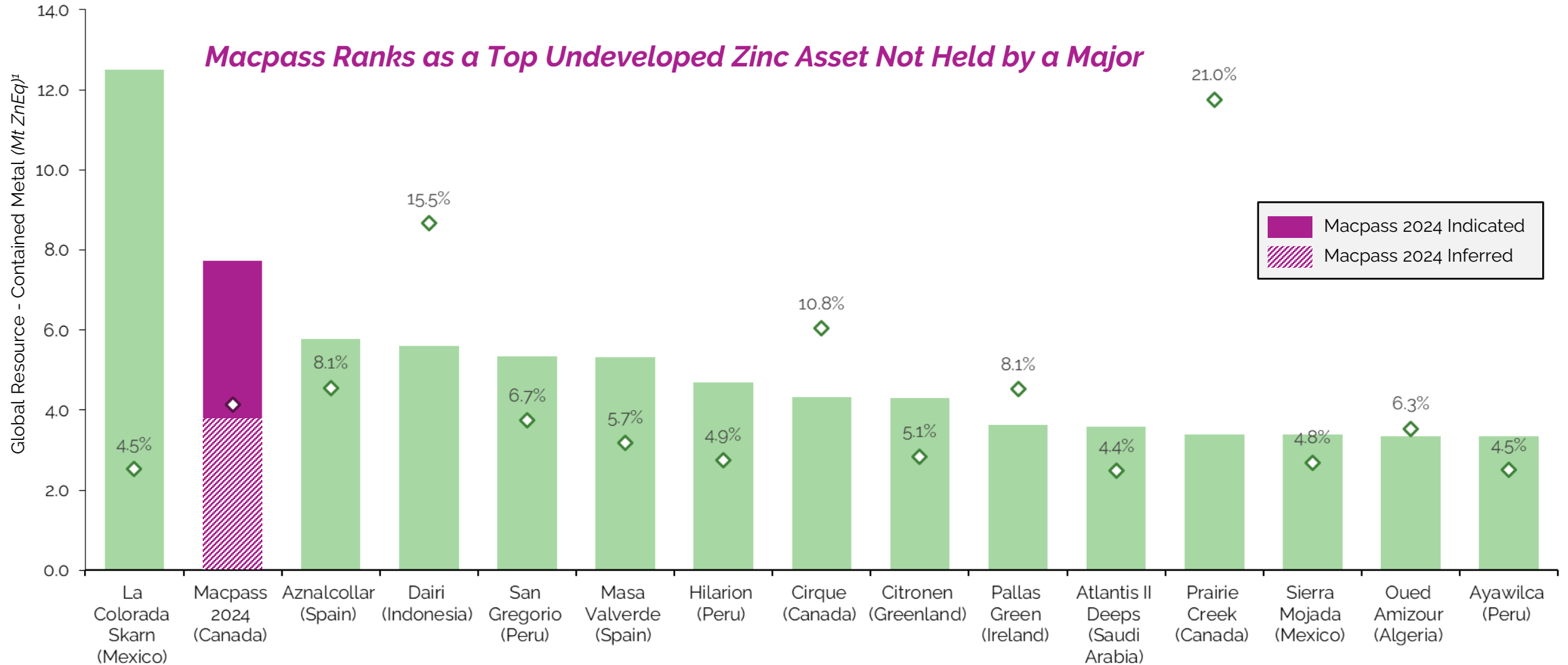


Macpass Project Claims  Mactung Project Claims

<sup>1</sup> References to relative size, grade, and metal content of the Mactung resources and Macpass resources in comparison to other tungsten, zinc, gallium, and germanium deposits elsewhere in the world, respectively, are based on review of the Standard & Poor's Global Market Intelligence Capital IQ database. <sup>2</sup> Zinc equivalency is based on a price of US\$1.40/lb Zn, US\$1.10/lb Pb, and US\$25/oz Ag, CAD:USD exchange rate of 1.32, and a number of operating cost and recovery assumptions specific to each deposit or domain. Gallium and germanium do not contribute to the zinc equivalency calculations in the MRE. The 2018 NI43-101 technical report on the previous mineral resource is available for comparison on <https://www.sedarplus.ca/3>. There is no known precedent for germanium or gallium to be payable in zinc concentrates. Therefore, Fireweed have attributed zero value to gallium and germanium in the Net Smelter Return ("NSR") calculations used to define the mineral resource and germanium and gallium do not contribute to the Reasonable Prospects for Eventual Economic Extraction ("RPEEE") associated with resource category classification.

# MACPASS RELATIVE POSITIONING

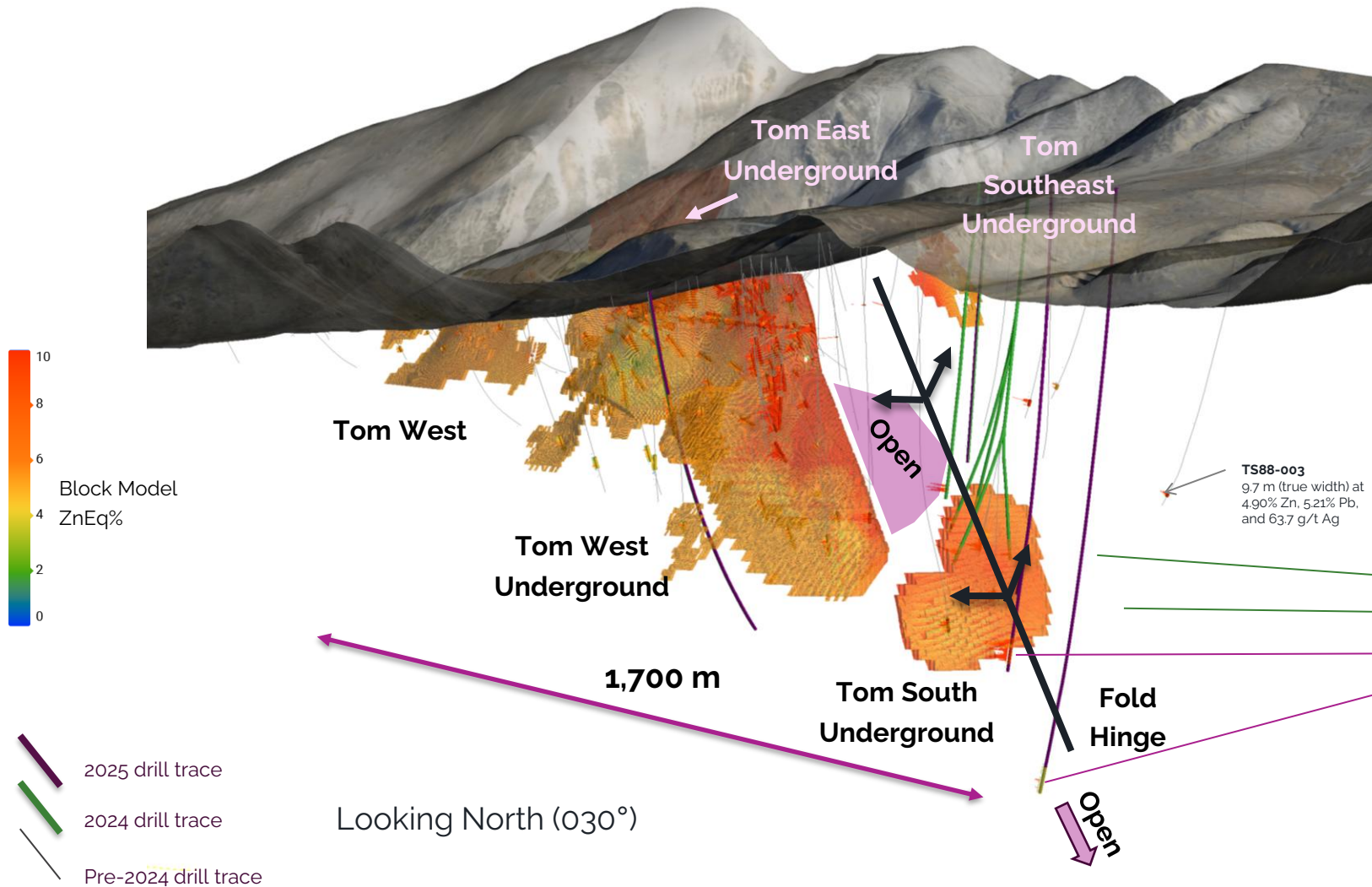
**Select Zinc-primary Development Assets - Ranked by Contained Metal (Mt ZnEq ; % ZnEq)\***



Note: Ranking excludes assets located in China, Russia, Iran, and Myanmar, as well as assets that are unlikely to be developed or advanced due to technical challenges (Selwyn, Admiral Bay, Reward, Hackett River).

\* ZnEq quantities calculated based on the content of the following metals: Zn, Pb, Cu, Ag, Au. ZnEq pricing based on Macpass 2024 MRE assumptions (US\$1.40/lb Zn, US\$1.10/lb Pb, US\$25.0/oz Ag) and LT analyst consensus estimates (US\$4.08/lb Cu and US\$1.915/oz Au). Source SNL Cap IQ and company public disclosure.

# TOM SOUTH STEP-OUTS



- Tom South is interpreted as a fold hinge — the thickened axis and **feeder zone** around which the entire Tom deposit is folded
  - **2024 drilling**: successful high-grade intercepts up-dip and along strike expanded massive sulphide lense
  - **2025 program**: widely spaced step-out drilling successfully intersected sulphide mineralization 415 m down dip from previous drilling
  - **2026 program underway (~7,500 m)**: potential for additional **high-grade down-dip step-outs**

## Notable Step-outs

Hole ID	Width (m)	True Width (m)	Zn (%)	Pb (%)	Ag (g/t)
TS24-002	15.12	10	10.39%	18.10%	296.9
TS24-001	18.15	11	9.02%	7.46%	148.3
TS25-001D1	54.82	30	18.20%	13.93%	161.0
<b>TS25-003</b>	<b>58.30</b>		<b>2.33%</b>	<b>0.04%</b>	<b>1.8</b>

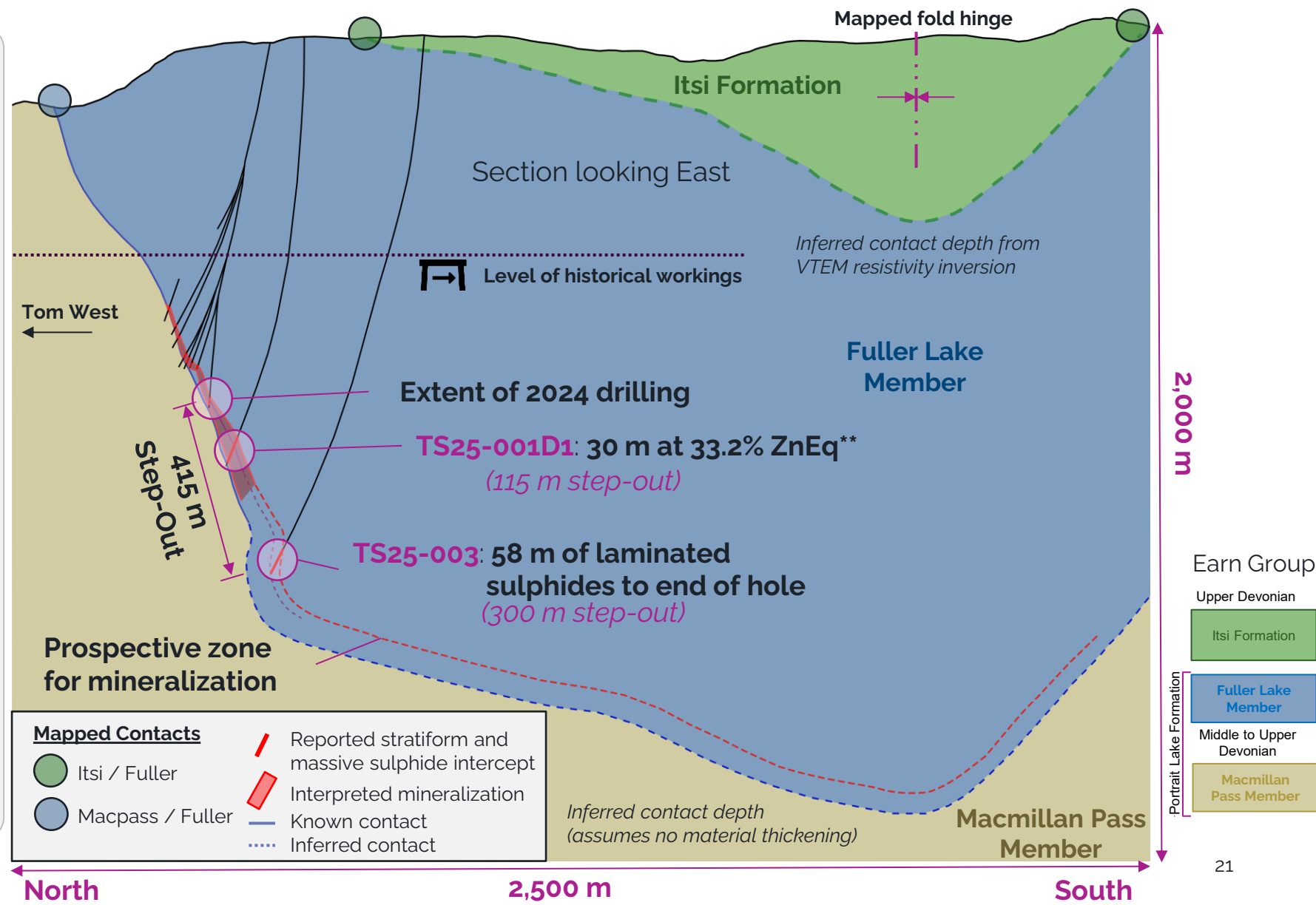
**Massive sulphide potential; 2026 drilling in progress**

Note: True widths are estimated based on the bedding orientation, assuming a stratiform geometry to the mineralized zone. True widths are rounded to the nearest metre for widths over 10 m and to the nearest 0.1 m for widths less than 10 m. True width of TS25-003 will be determined once hole is resumed and finalized in 2026.

# TOM SOUTH UPSIDE POTENTIAL

## Targeting zone along the Fuller Lake and Macmillan Pass contacts:

- Continuous high-grade mineralization (stratiform and massive sulphide) identified
- **TS25-001D1** (115 m step-out) proved continuity by intercepting a thick and extremely high-grade massive sulphide zone
- **TS25-003** (300 m step-out from TS25-001) remains prospective for massive sulphides and resumes in 2026
- Zone open down-dip along the contact



# TOM EAST UPSIDE POTENTIAL

## Targeting high grade massive sulfides:

- Tom East: well defined, very high-grade stratiform and massive sulphide mineralization
- 2018 high-grade intercept at interpreted syncline hinge supports significant resource-growth upside
- Muon survey to define this prospective area and the whole of Tom East based on the high-density contrast of the massive sulphides

### Tom East Resource (OP+UG)

1.61 Mt at 16.59% ZnEq<sup>1</sup> (Indicated)\*\*

1.03 Mt at 24.16% ZnEq<sup>2</sup> (Inferred)\*\*

TS18-004<sup>5</sup>  
16.41 m at 39.86% ZnEq

Illustrative Muon Survey Area

Anticline

### Tom West Resource (OP+UG)

15.92 Mt at 9.23% ZnEq<sup>3</sup> (Indicated)\*\*

13.58 Mt at 7.30% ZnEq<sup>4</sup> (Inferred)\*\*

Syncline

0 m 200 m

Looking South (157°)

Schematic geology

1 1.61 Mt at 7.63% Zn, 7.61% Pb, and 95.8 g/t Ag.

2 1.03 Mt at 10.36% Zn, 11.17% Pb, and 157.9 g/t Ag.

3 15.92 Mt at 6.17% Zn, 2.91% Pb, and 26.6 g/t Ag.

4 13.58 Mt at 5.97% Zn, 1.37% Pb, 9.7 g/t Ag.

5 16.41 m at 21.70% Zn, 14.64% Pb, and 259.4 g/t Ag.

# Gayna Project

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## High Impact Frontier Exploration

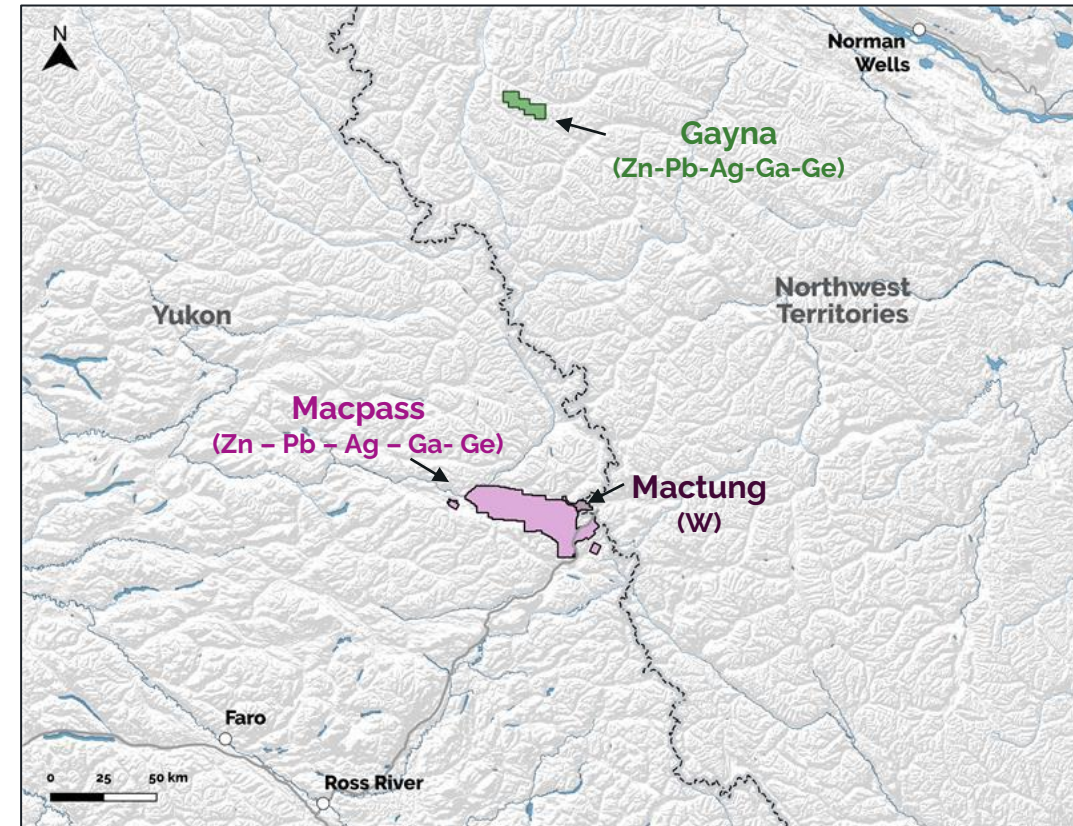
We respectfully acknowledge that the Gayna Project is located within Settlement Areas of Sahtu and Gwich'in, and the Traditional Territory of First Nation of Na-Cho Nyäk Dun.

# EXPLORATION POTENTIAL FOR ZINC, GERMANIUM, GALLIUM, LEAD, AND SILVER

## *Gayna Provides Optionality and Further Exposure to Critical Metals*

- Located 180 km north of Macpass, in the Mackenzie Mountains, NWT
- Geological setting and mineralization: similar to that of a reef-style deposit, like Ivanhoe's **high-grade Kipushi mine in DRC**
- **3,806 m program completed in 2025:** testing for high-grade zinc-lead-silver-gallium-germanium mineralization hosted on the peripheries of carbonate reefs
- Significant vein-hosted and replacement-style zinc-lead mineralization intersected at the **Intrepid target**
  - **GR25-013:** 51.2 m of 4.4% zinc, including 24 m of 7.3% zinc and 5.2 m of 10.0% zinc
  - **GR25-012:** 17.8 m of 3.4% zinc, including 3.0 m of 6.3% zinc
  - **GR25-009:** 5.29 m of 2.0% zinc, including 2.0 m of 9.29% zinc

*Fireweed will continue integrating 2025 geological and geophysical data to sharpen targeting of near-reef density anomalies and guide future exploration*



<sup>1</sup> The Company acknowledges that the Gayna Project benefitted from financial support provided by the Government of Northwest Territories via its Mining Incentive Program

# Thank you!

Please visit us online at  
**fireweedmetals.com**  
and follow for updates.



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Vancouver, BC V7X 1L2

**TSX-V: FWZ**  
**OTCQX: FWEDF**  
**FSE: MoG**

# Appendix

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# ABOUT FIREWEED METALS

Fireweed is a Canadian company with the mission to explore and develop critical metals assets through progressive leadership, high standards, innovation, and collaborative partnerships for the benefit of present and future generations.

## OUR VISION

Fireweed Metals will sustainably explore and develop critical minerals assets to support the transition to a low-carbon economy. We will focus on leading with integrity, striving for consistency in words and actions, being honest, transparent, and accountable, mitigating health and safety risks, and being progressive and innovative while promoting environmental and social stewardship.

We will act in a way that reflects our core value of respect, for both the environment in which we work and the people we work with. Our approach will foster meaningful relationships with employees and local communities, and will build trusted partnerships benefiting Indigenous peoples and shareholders.

# OUR VALUES

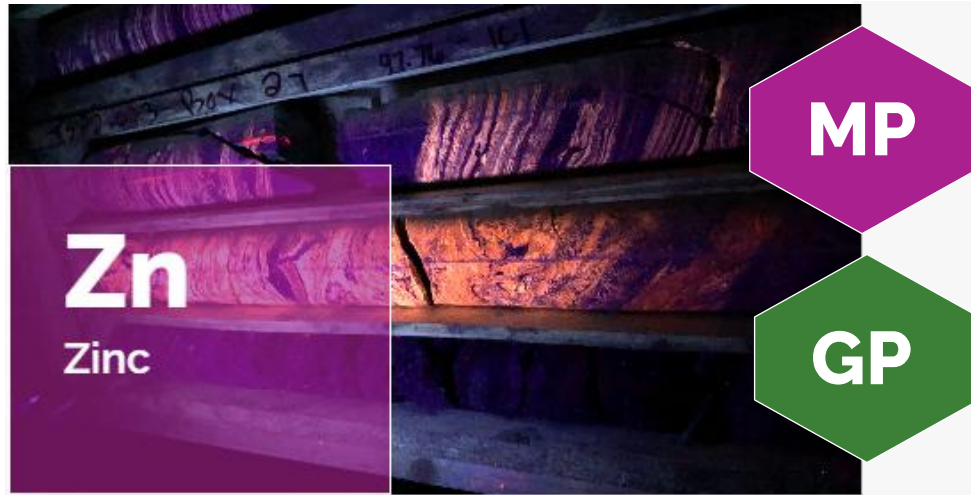


# SUSTAINABILITY APPROACH

- Implement robust practices informed by the aspirations and interests of Indigenous peoples
- Be environmentally and socially responsible
- Seek the consent of local Indigenous groups



# COMMODITY FUNDAMENTALS



Zinc's unique properties make it an essential metal for everyday life. Zinc plays a crucial role in:

- Renewable Energy
- Healthcare
- Transportation
- Infrastructure
- Food Security
- Industrial Applications
- Energy Storage
- Electronics

Tungsten is an extremely versatile metal, essential for industrial applications in the following sectors :

- Automotive parts
- Aerospace & Defense
- Industrial machinery
- Drilling
- Boring and cutting equipment
- Logging and mining
- Electrical and electronics appliances



# U.S. DPA & CANADA CMIF AWARDS



## U.S. Defense Production Act (DPA) Title III

**US\$15.8 M**

### Objective

Advance Mactung to a Final Investment Decision ("FID"), a key precursor to the construction and production of domestic tungsten concentrates for the North American industrial base.

### Scope

- Mine design optimization
- Geotechnical investigations and metallurgical test programs
- New feasibility study
- Environmental studies supporting licenses and permits
- Industry engagement
- Engagement with local Indigenous communities

### Benefits & Implications to FWZ

- ✓ **Non-dilutive**
- ✓ **Strategic significance**
  - Positions Mactung as a strategic asset for the North American industrial base
  - Advancement of Mactung to catalyze infrastructure upgrades that benefit the Macpass District
- ✓ **Potential to capitalize on critical mineral tailwinds**
  - Potential for further collaboration with government
  - Foreign export restrictions on tungsten create a favourable market environment for North American producers
- ✓ **No commercial covenants limiting future concentrate sales**



## Canadian Critical Mineral Infrastructure Fund

**C\$12.9 M**

### Objective

Advance planning efforts to enable infrastructure improvements that serve the critical metals district at Macmillan Pass

### Scope

- Support Fireweed's implementation of the first phase (Phase I) of the "North Canol Infrastructure Improvement Project" ("NCIIP"), including preliminary designs for:
  - Approximately 250 km of road improvements
  - Upgrades to an existing transmission line between Faro and Ross River
  - Construction of a new transmission line from Ross River to Macmillan Pass

### Benefits & Implications to FWZ

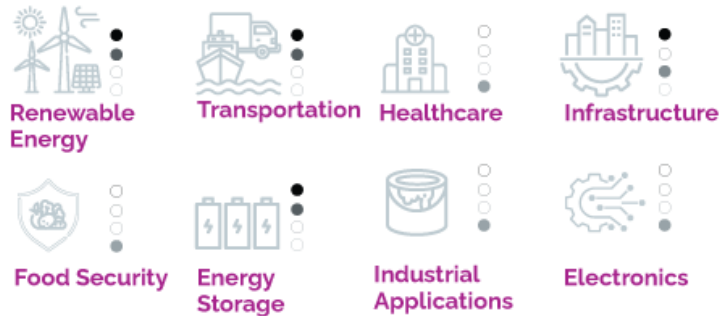
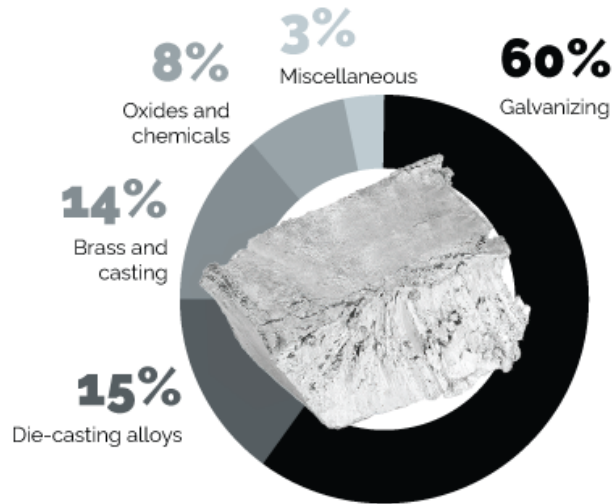
- ✓ **Non-dilutive**
- ✓ **Supports critical infrastructure necessary to unlock the critical metals district at Macpass**
- ✓ **Enhances the economics of future mine development at Macmillan Pass**

# WHY ZINC?

## Uses & Applications\*

Zinc's unique properties make it an extremely versatile metal, essential for everyday life. Zinc plays a crucial role in:

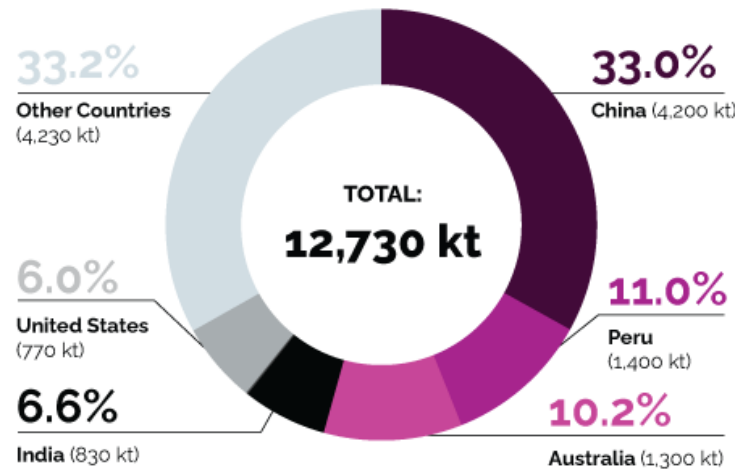
- Legend**
- Galvanizing
  - Die-casting alloys
  - Brass and casting
  - Oxides and chemicals



\*Source: Government of Canada, "Zinc facts", 2021

## Zinc Supply

### Worldwide Zinc Mine Production in 2022 (kt)\*

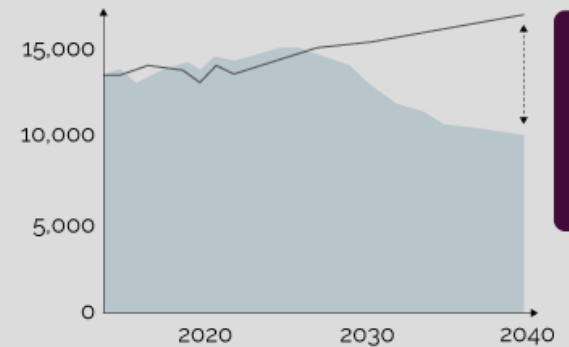


China is the largest zinc producer, with **33%** of the world's zinc production in 2022.

\*Source: U.S. Geological Survey, "Mineral Commodity Summaries", 2023

## Zinc Demand Outlook

### Zinc Mine Production and Demand (kt)



**6.9 Mt**  
projected  
mine supply  
gap by 2040

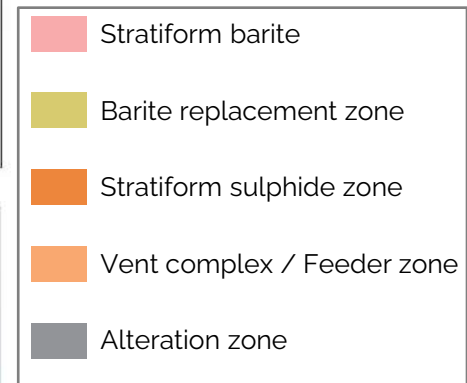
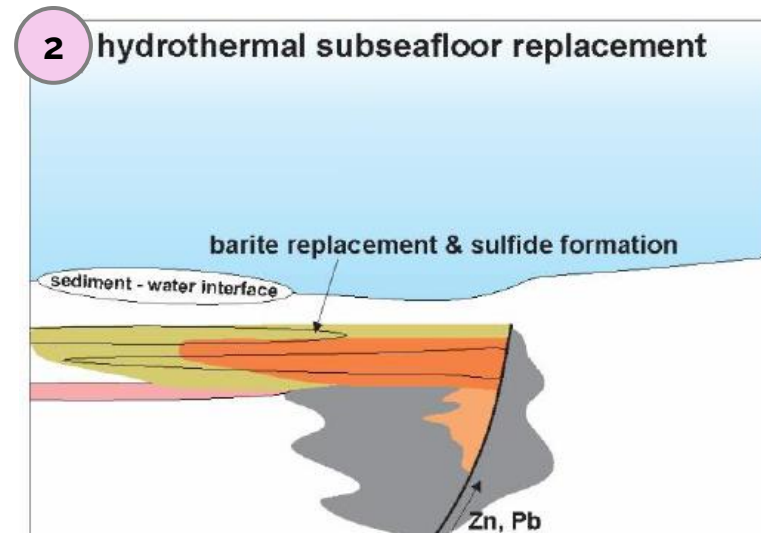
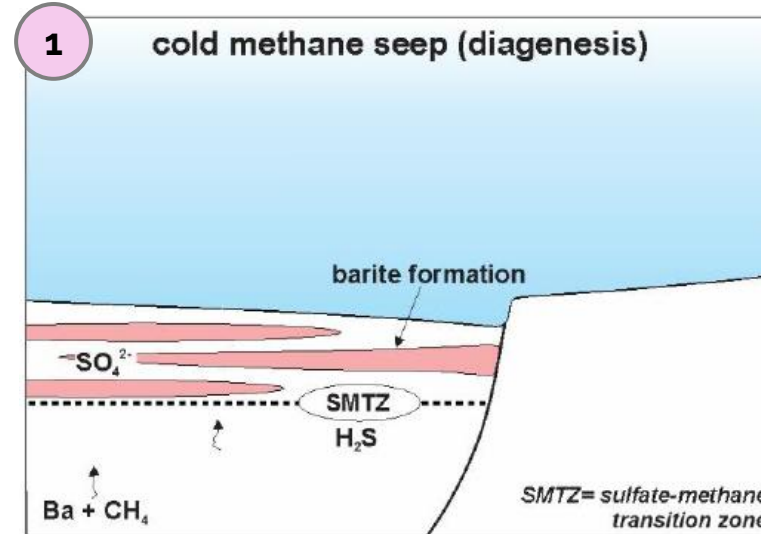
Zinc demand is expected to steadily increase, underpinned by energy transition uses, while supply is expected to fall systematically starting 2025, primarily driven by declining production rates at existing mines and fewer new projects coming on-line.

Sources: Wood Mackenzie, CRU, IZA, BGRIMM, SMM, Teck.

# MACPASS DEPOSIT GEOLOGY

- **Stratiform, Sediment-Hosted Zn-Pb-Ag Deposits:** The Tom, Jason, End Zone, and Boundary Zone deposits are examples of clastic-dominated (CD) sediment-hosted massive sulphide deposits
- **Mineralization Model Reinterpreted from Classic SEDEX Models:** involves replacement of porous, barite-rich sediments in a sub-seafloor environment rather than strict seafloor exhalation
- **Distinct Mineralization Styles:**
  - **Early Stage:** Finely laminated pyrite, sphalerite, and galena, grading to semi-massive and massive sulphides near feeder structures. Generally associated with barite-rich layers at various stratigraphic levels
  - **Boundary Zone:** Features a later, cross-cutting style with breccia, veins, and siderite-rich replacement textures within conglomerates and volcaniclastics
- **Geological Domains:**
  - **Tom:** Sub-domained into distinct facies (black, grey, pink, massive sulphide)
  - **Boundary Zone:** Divided into Massive Sulphide, Boundary Vein, and lower-grade Boundary Halo domains

## Early-stage Mineralization - Two Step Genetic Model



Schematics from Grema et al. (in review)

# DISTRICT POTENTIAL

*Genetic Model and Geophysical Anomalies in the Macpass District Suggest the Potential for Further Discoveries*

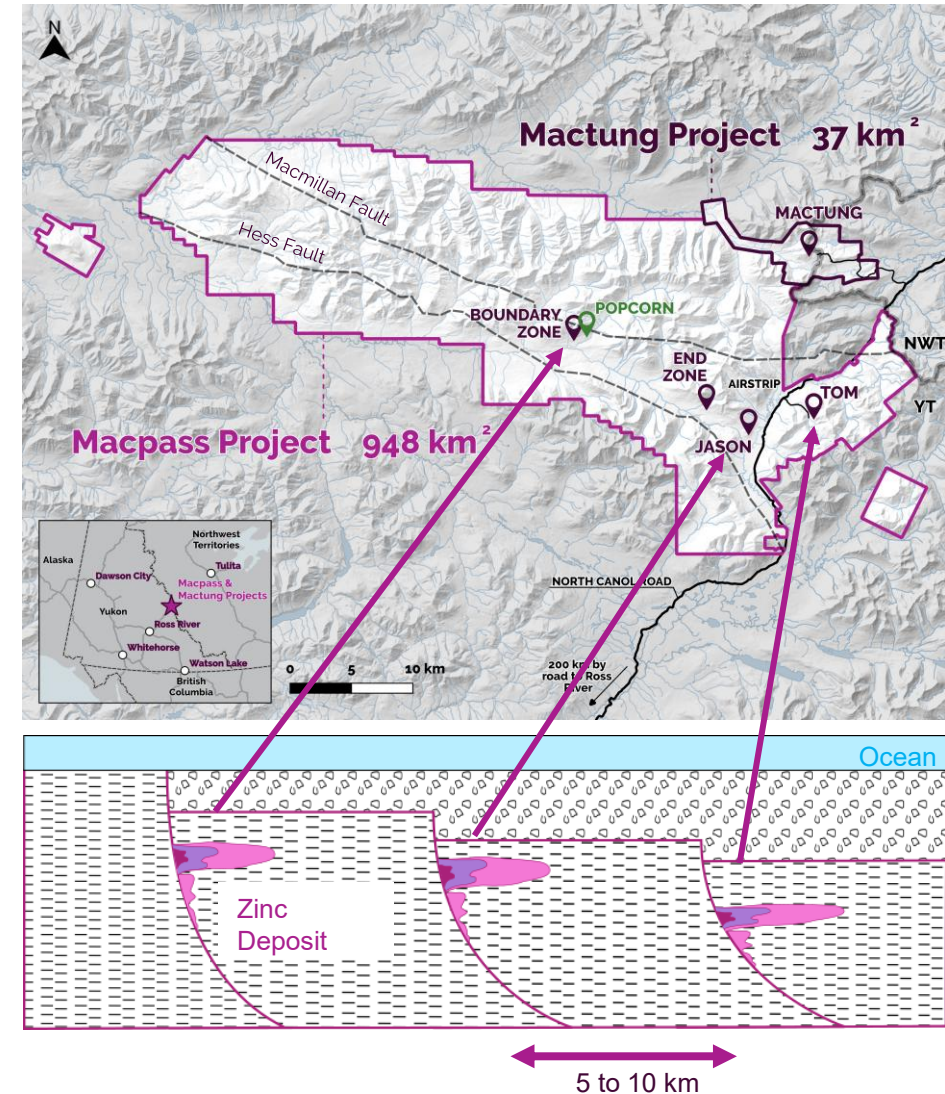
## Structural and Stratigraphic Control

Tom, Jason, End Zone, and Boundary deposits are located adjacent to **5-10 km spaced feeder-fault splays of the Macmillan-Hess Fault System**

Same fault systems and prospective geology occur throughout the length of the Macpass project, along **SE-NW trends**

## Exploration Potential

**Geophysical anomalies, coincident soil and rock geochemical anomalies,** and a history of **systematic under-exploration for base metals,** make these trends exceptionally attractive targets



*Note: The simplified genetic model shows a proposed sub-surface depositional environment, with the curved pink lines representing the "stepping" faults controlling the distribution of the deposits. The pink plumes in the schematic cross section represent the theoretical environment where deposits at Tom, Jason, and Boundary formed within the sediment column, and are displayed prior to any deformation.*

# MACPASS 2024 MRE

## Macpass 2024 MRE

Category	Deposit	Tonnage	Grade				Contained Metal		
			ZnEq <sup>1</sup>	Zn	Pb	Ag	Zn	Pb	Ag
		(Mt)	(%)	(%)	(%)	(g/t)	(M lbs)	(M lbs)	(M oz)
Indicated	Tom	17.52	9.90%	6.30%	3.34%	32.9	2,435	1,291	18.56
	Jason	3.80	9.09%	7.62%	1.86%	1.7	638	156	0.21
	End Zone	0.34	16.15%	3.81%	12.32%	86.2	29	93	0.95
	Boundary	34.32	5.63%	4.86%	0.55%	21.6	3,682	412	23.83
	<b>Total</b>	<b>55.98</b>	<b>7.27%</b>	<b>5.50%</b>	<b>1.58%</b>	<b>24.2</b>	<b>6,784</b>	<b>1,952</b>	<b>43.54</b>
Inferred	Tom	18.94	9.10%	6.56%	2.30%	25.2	2,738	960	15.37
	Jason	11.65	10.40%	5.48%	4.33%	48.2	1,407	1,112	18.05
	End Zone	0.44	8.76%	1.86%	6.88%	48.1	18	67	0.68
	Boundary	17.43	3.75%	3.48%	0.23%	9.5	1,337	87	5.32
	<b>Total</b>	<b>48.46</b>	<b>7.48%</b>	<b>5.15%</b>	<b>2.08%</b>	<b>25.3</b>	<b>5,500</b>	<b>2,226</b>	<b>39.42</b>

## Gallium & Germanium By-Products

Category	Deposit	Tonnage	Grade		Contained Metal	
			Ga	Ge	Ga	Ge
		(Mt)	(g/t)	(g/t)	(kg)	(kg)
Indicated	Tom	17.52	5.71	9.22	100,000	161,500
	Jason	3.80	4.76	8.74	18,100	33,200
	End Zone	0.34	6.42	4.81	2,200	1,600
	Boundary	34.32	8.53	12.19	292,600	418,400
	<b>Total</b>	<b>55.98</b>	<b>7.38</b>	<b>10.98</b>	<b>412,900</b>	<b>614,800</b>
Inferred	Tom	18.94	5.94	9.39	112,500	177,800
	Jason	11.65	3.36	6.32	39,200	73,500
	End Zone	0.44	3.56	2.68	1,600	1,200
	Boundary	17.43	7.39	8.14	128,800	141,900
	<b>Total</b>	<b>48.46</b>	<b>5.82</b>	<b>8.14</b>	<b>282,100</b>	<b>394,400</b>

Note: MRE effective date: September 4, 2024. For complete MRE-related notes refer to the relevant slides at the end of this presentation.

<sup>1</sup> Zinc equivalency is based on a price of US\$1.40/lb Zn, US\$1.10/lb Pb, and US\$25/oz Ag, CAD:USD exchange rate of 1.32, and a number of operating cost and recovery assumptions specific to each deposit or domain.

# MACPASS RESOURCE FOOTNOTES

- All mineral resources have been estimated in accordance with CIM definitions, as required under NI 43-101.
- Data for this mineral resource estimate has been independently reviewed and validated by a third-party consultancy, SLR Consulting (Canada) Ltd.
- Pierre Landry P.Geo. of SLR Consulting (Canada) Ltd. ("SLR") is independent of Fireweed Metals Corp., and a 'Qualified Person' as defined under NI 43-101. Pierre Landry is responsible for the Macpass Mineral Resource Estimate. g/t: grams per tonne; Mlbs: million pounds; Moz: millions of troy ounces; Mt: million metric tonnes.
- Mineral resources are reported within conceptual open pit ("OP") shells and underground ("UG") mining volumes to demonstrate Reasonable Prospects for Eventual Economic Extraction ("RPEEE"), as required under NI 43-101; mineralization lying outside of the OP shell or UG volumes is not reported as a mineral resource. Note the conceptual OP shell and UG volumes are used for mineral resource reporting purposes only and are not indicative of the proposed mining method; future mining studies may consider UG mining, OP mining or a combination of both. Mineral resources are not mineral reserves and do not have demonstrated economic viability.
- All quantities are rounded to the appropriate number of significant figures; consequently, sums may not add up due to rounding.
- All prices in Canadian dollars unless otherwise stated.
- Open Pit mineral resources are reported at a pit wall angle of 45°, Revenue Factors of 0.8 (Tom, End Zone), 0.6 (Jason), 1.0 (Boundary Zone), and Net Smelter Return ("NSR") cut-off of \$30/tonne ("t").
- Underground mineral resources are constrained within reporting panels with heights (H) of 20 m, lengths (L) of 10 m, with 10 m H and 5 m L sub-shapes and minimum widths of 2 m at Tom, Jason, and End Zone; and 20 m H by 20 m L with 10 m sub-shapes and a minimum width of 5 m at Boundary Zone, using an average panel NSR cut-off of \$112/t.
- NSR block values and zinc equivalency are based on a price of US\$1.40/lb Zn, US\$1.10/lb Pb, and US\$25/oz Ag, CAD:USD exchange rate of 1.32, and a number of operating cost and recovery assumptions specific to each deposit or mineralization domain (see Tables 2 and 3 from Fireweed's News Release September 4, 2024).
- ZnEq has been calculated on a block-by-block basis using the NSR calculation and input parameters related to each deposit or mineralization domain (see Tables 2 and 3 from Fireweed's News Release September 4, 2024). For reporting subtotals and totals, ZnEq values have been calculated using the mass weighted average of the ZnEq block values of each respective domain for its respective classification category within OP and UG reporting volumes.
- The effective date of the MRE is September 4, 2024 and the MRE is based on all drilling data up to and including holes drilled in 2023 with a final database cut-off date of June 23, 2024. The MRE does not include any data from holes drilled in 2024.
- Inferred mineral resources are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is also no certainty that these inferred mineral resources will be converted to the measured and indicated categories through further drilling, or into mineral reserves, once economic considerations are applied. The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of the inferred Mineral Resource could be upgraded to an Indicated Mineral Resource with continued exploration.
- \*\* Zinc equivalent calculations assume metal prices of US\$1.40/lb zinc, US\$1.10/lb lead, and US\$25/oz silver, zinc concentrate recoveries of 89% Zn, 22% Ag, lead concentrate recoveries of 75% Pb, 59% Ag, 0% payability of Ag in zinc concentrate, 85% payability of Zn in zinc concentrate, 94% payability of Ag in lead concentrate, and 95% payability of Pb in lead concentrate. Germanium and gallium were not included in zinc equivalency calculations. The zinc equivalency formula used is:  $ZnEq\% = ((0.56 * Ag\ g/t) + (16.52 * Pb\%) + (21.32 * Zn\%)) / 21.32$ . The assumptions used in this zinc equivalency calculation are the same as the assumptions used for zinc equivalency in the 2024 Mineral Resource Estimate.