

Strategic Production of Tungsten, Molybdenum, Bismuth, Tin, Zinc & Indium in Canada

Investor Presentation - 2025



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Largest Indium Reserve in the world and Largest Tin Deposit in North America



World Record Setting Deposit Sizes for Indium and Tin

According to the Government of Canada, Mount Pleasant is:

- North America's largest tin deposit
- The world's largest reserve of indium
- Represents a globally significant supply source of strategic metals
- Positioned to meet rising demand for:
 - Tungsten, Molybdenum, Bismuth, Tin, Zinc, & Indium
- Demand is accelerating due to:
 - Geopolitical pressures
 - Limited new global supply
 - The expansion of clean tech, defense, and semiconductor industries
- Offers direct exposure to metals essential to national security and high-growth sectors

Strategic North American Location





Project Milestones 990,200 ~\$280M tonnes Historic processed Capex (1983-1985)NI 43-101 Resource Legacy **Estimates** Infrastruct-(2006, ure in Place 2008, 2012) **Multi-Metal** 1.400+ Resource **Drillholes** Base Completed (Sn, In, Zn, W, Mo, Bi)

Post-Producing, Fast Restart, Sales Process Underway



Past Production & Permitted

- Historically mined by **BHP**, demonstrating recoverability and de-risked metallurgy
- Over 990,000 tonnes processed from 1983–1985
- Approved and Permitted tailings pond under "Approval to Operate" from NB Dept. of Environment
- Well-documented geological model with significant drill database
- Permitted industrial water source (Piskahegan River) and on-site domestic well

Fast Restart

- Potential for mine restart in ~12-24 months
- Over \$280M in legacy development now available at a deep discount
- Core shed, admin offices, warehousing, and ore storage buildings
- Year-round road access and proximity to Port of Saint John (80 km)





Regional Activity & Funding Signals

- Recent funding by the U.S. DoD (US\$15M) and Government of Canada (C\$8.2M) into nearby projects confirms New Brunswick's emergence as a strategic hub for critical minerals.
- The U.S. Department of Defense also awarded US\$15.8 million to Fireweed Metals' Mactung Project in Yukon
- Mount Pleasant is ideally situated to follow similar funding pathways under the Canada–U.S. Critical Minerals Action Plan, with potential eligibility for DoD and DOE support.

High-Quality, Near U.S.A., Strategic Advanced Mine



High Quality & Advanced Mine

- Advanced-stage multi-metal project with 25.89 million tonnes in total indicated resources and 3.64 million tonnes of inferred resources
- Past production by BHP, confirming metallurgical recoverability
- Extensive drilling, historic capex (~\$280M), and existing infrastructure reduces technical and capital risk
- NI 43-101 resource estimate across two zones (W-Mo and Sn-In-Zn) with high strategic value
- Contains six critical metals: tin, indium, tungsten, molybdenum, bismuth, and zinc

Strategic U.S. Alignment & Location

- Located in New Brunswick, Canada a Tier-1 mining jurisdiction
- ~80 km to the Port of Saint John, providing direct shipping access to U.S. markets
- Rail connection to Montreal and onward U.S. border entry points
- Aligned with Canada–U.S. Critical Minerals Action Plan
- U.S. DoD and Canadian government already investing in regional mineral projects
- Strategically positioned to serve:
 - U.S. semiconductors & photovoltaics
 - Defense and clean tech supply chains
 - Battery and aerospace industries

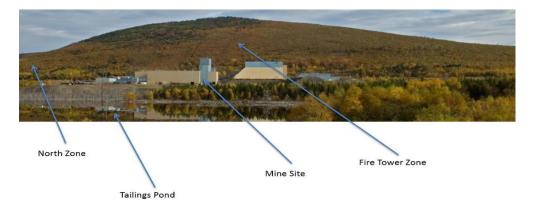
Existing Infrastructure











Experienced Management Team





Yan Kim Po Chairman of the Board and President

Mr. Yan is an experienced entrepreneur who is principally engaged in the mineral resource development, mineral trading and marine transportation industries. He is the co-founder of Great Harvest Maeta Holdings Limited ("Great Harvest Maeta"), a Hong Kong mainboard listed group in the marine transportation sector. He is also the director of various private companies principally engaged in the trading and processing of mineral resources, investing in mineral resource companies, and property investments. Mr. Yan is a fellow of the Hong Kong Institute of Directors and the Chairman of the Hong Kong Energy and Minerals United Associations.

Norman Betts Lead Independent Director of the Board Dr. Norman Betts is a retired Professor of Business Administration at the University of New Brunswick and former New Brunswick Minister of Finance and Minister of Business. A Fellow of the NB Institute of Chartered Public Accountants (FCPA, FCA), he holds a PhD in Management from Queen's University. Dr. Betts has served on numerous corporate and Crown boards, including the Bank of Canada, EDC, NB Power, and Tembec, and is currently a Director and Audit Committee Chair of TRX Gold Inc.



Linda Lam KwanDirector and CEO

Ms. Lam is Chairperson, CEO, Executive Director, and co-founder of Great Harvest Maeta, and holds directorships in private mineral and property firms. She advises Pok Oi Hospital, serves as director of the Hong Kong Energy, Mining and Commodities Association, honorary director of the HKBU Foundation, and is a fellow of the HK Institute of Directors. Ms. Lam also sits on the Employees Retraining Board and formerly was Vice-Chair of the Chinese Committee of the Hong Kong Shipowners Association. She holds a BA in English for Finance from Dongbei University of Finance and Economics.



Jimmy Li CFO

Mr. Li, CPA, CA (Ontario), CPA (Delaware), and CFA Candidate, level III, has over 16 years of public practice and corporate accounting experience in various positions, including experience in auditing, TSX / TSXV & NASDAQ public company reporting and accounting management, and, for the last 8 years, an on-going role as a Chief Financial Officer and Financial Controller with a private issuer. Effective January 1, 2022, he served as interim Chief Financial Officer of the Company.



Joe TaiDirector

Mr. Tai has over 28 years of experience in investment, finance, and the capital markets of Canada, the US, and Greater China. He has extensive expertise in facilitating cross-border transactions and strategic partnerships, building cross-cultural business relationships with Asian industrial groups and financial institutions. Mr. Tai serves as director for numerous North American publicly listed companies including several listed on the Toronto Stock Exchange and TSX Venture Exchange.



Pierre Sze Director

Mr. Sze is the CFO and Company Secretary of Great Harvest Maeta. He is a fellow of both the ACCA and HKICPA, and holds a BBA (Hons) in Professional Accounting from HKUST. With over 26 years of experience, he has held senior roles across corporate finance, investor relations, financial management, and advisory in Hong Kong and mainland China.

Proven Team with Deep Execution Track Record

Yan Kim Po is the Co-Founder of HK-listed Great Harvest Maeta Group; decades of experience in mining and shipping across Asia and South America.

Technical leadership includes **former operators of Mount Pleasant** and **academic advisors** from the University of

New Brunswick with extensive deposit knowledge. Strong
bench of consultants, engineers, and feasibility

contractors already engaged for permitting and design.

High continuity of institutional knowledge, including many personnel who developed or operated the site in previous cycles.

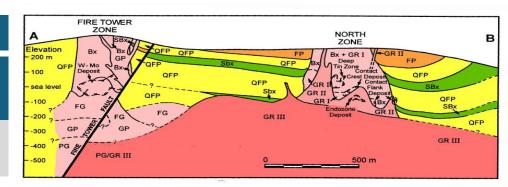
Appendix 1 – Resource Estimates

exploration programs

North Zone Reserve Overview							
North Zone (Tin, Zinc, & Indium)	Tonnes	Sn%	Zn%	In%			
Indicated	12,400,000	0.38	0.86	64			
Inferred	2,800,000	0.30	1.13	70			

North Zone Reserve Size Estimate								
North Zone	Sn%	Zn%	In%					
Contained Metal	47,000,000	107,000,000	789,000					
Contained Metal	8,600,000	32,000,000	198,000					

Fire Tower Zone Reserve Overview								
Fire Tower Zone Tonnes (Tungsten & Molybdenum)		WO ₃ %	WO₃% MoS₂%		Bi%			
Indicated	13,489,000	0.33	0.21	0.57	0.06			
Inferred	841,700	0.26	0.20	0.21	0.04			



A look into the future

- Resource estimates are expected to grow with additional drilling programs around the known deposit areas.
- Gold-bearing zones have been discovered in both the Fire Tower and North Zones during past drilling campaigns.
- These gold discoveries present an opportunity for Adex to expand its resource base and enter the gold market through targeted follow-up

Appendix 2 – About Fire Tower Zone



Overview

- Metals: Tungsten-molybdenum-bismuth
- Location: Southeastern area of Mount Pleasant property
- Advantages:
 - Extended mining life and reduced risk;
 - Capitalizing on booming metal markets.

Landmarks

- Previously mined by BHP during 1983–1985
- 1 million tonnes of raw ore were excavated
- Mine, tailings pond, and beneficiation plant remain on site
- NI 43-101 resource estimate conducted in 2008 and amended in 2012
- Feasibility study completed in 2008
- Comprehensive research report completed in 2010 on the flow & technology of recovery and beneficiation of polymetallic elements: tungsten, molybdenum, zinc, and bismuth



Overview

- Metals: Indium-tin-zinc
- Location: Northwestern area of Mount Pleasant property.
- Advantages:
 - Tin concentrate, sponge indium and metal zinc;
 - Tin concentrate and zinc-indium concentrate.

Landmarks

- NI 43-101 resource estimate carried out in 2009 and updated in 2013;
- Preliminary Economic Assessment done in January 2010;
- Trial production of tin and indium-zinc concentrate done;
- Development of production process of metal zinc and sponge indium
- Completion of a Research Report on the flow & technology of comprehensive recovery & beneficiation of polymetallic elements in the ore:
 indium-tin in 2010;
- Exploring and drilling program in November 2011 discovered new reserves.

Appendix 4 – Comparable Assets

Company	Adex Mining	Tinka Resources	American West Metals Limited	Metals X Limited	International Resource Holding	Adex Mining	Northcliffe Resources	Fireweed Metals	Almonty Industries	Vital Metals	Tungsten West
Project	North Zone	Ayawilca Project	West Desert Project	Renison Bell Project	Alphamin Resources Project	Fire Tower Zone	Sisson Project	Mactung Project	Sangdong Tungsten Project	Watershed Project	Hemerdon Mine
Location	New Brunswick, Canada	Pasco, Peru	Utah, USA	Tasmania, Australia	North Kivu, DRC	New Brunswick, Canada	New Brunswick, Canada	Yukon, Canada	Yeongwol County, South Korea	Queensland, Australia	Devon, UK
Stage	Historical Production	PEA	Exploration	Production	Production	Historical Production	Feasibility Study	Exploration	Development	Development	Restart Planning
Market Cap.	~4M	18M	26M	456M	1.16B	~4M	64M	419M	900M	5.9M	13M
М&I	12.4Mt	28.3Mt 1.41Mt	N/A	30.3 Mt 14.6 Mt	4.60 Mt	13.4Mt	334.4 Mt	41.5 Mt 12.2 Mt	7.9 Mt 8.3 Mt	9.5 Mt 28.4 Mt	101.2 Mt
Inferred	2.8Mt	31.2Mt 12.7Mt	33.7 Mt	2.80 Mt	0.54 Mt	0.842Mt	N/A	N/A	52.8 Mt	11.5 Mt	N/A
M&I Grade	64 g/t (In), 0.86% (Zn) 0.38%(Sn)	14.5 g/t (In), 5.82% (Zn)	N/A	0.56%(Sn) 1.42% (Sn)	4.52% (Sn)	0.33% (WO₃), 0.21% (Mo)	0.066% (WO₃), 0.021% (Mo)	0.73% (WO₃), 0.59% (Mo)	0.47% (WO ₃) 0.49% (WO ₃)	0.16% (WO₃) 0.14% (WO₃)	0.14% (WO₃)
Inferred Grade	70 g/t (In), 1.13% (Zn) 0.30%(Sn)	4.21% (Zn)	20.01 g/t (In), 3.83% (Zn)	1.23% (Sn)	4.25% (Sn)	0.26% (WO₃), 0.20% (Mo)	N/A	N/A	0.44% (WO ₃)	0.15% (WO₃)	N/A

Tin



Tungsten



Indium



Zinc



- Essential for electronics (solder),
 with rising demand from EVs and renewable energy systems.
- Supply risks due to geographic concentration and limited recycling, driving interest in new projects.
- Critical for high-temperature and defense applications; demand growing in aerospace and EVs.
- Supply dominated by China, prompting Western efforts to secure alternative sources.
- Vital for screens, solar panels, and advanced electronics; demand tied to tech and green growth.
- Scarce by-product of zinc mining, with limited primary supply and high price volatility.
- Widely used for corrosion protection (galvanization), with stable demand from construction and infrastructure sectors.
- Emerging role in battery technologies and alloys is boosting long-term strategic interest, especially in Western markets.

"Soldering leads the market with around 53.2% of market share in 2024. Tin is widely used for soldering components onto circuit boards due to its relatively low melting point, which allows it to create strong bonds without damaging sensitive electronic components."

- IMARC Group

"The aerospace and defense sectors drove significant tungsten demand, supported by increased production of rocket engines and air defense systems."

- ChemAnalyst

"The rising demand for indium in the production of LCD screens, semiconductors, and solar panels is a key driver."

- 24 Chemical Research

"Zinc is fundamental to modern infrastructure and the green economy—from galvanizing steel in bridges and buildings to potential roles in next-generation batteries. As nations invest in climate-resilient construction, demand for zinc is expected to grow steadily."

- International Zinc Association (IZA)

Appendix 6 – Tin Overview

Market Structure & Use Case Concentration

- Tin demand is structurally tied to **electronic solder** (~50-53% of global demand), making it a volume-sensitive material closely correlated with semiconductor and PCB productions cycles
- Secondary demand from PV solar, EV interconnects, and advanced alloys is growing but not yet prices-setting
- Unlike copper or aluminum, tin is a **specialty material** with a **low-volume**, **high dependency profile** critical in grams, not tonnes

Supply-Side Fragility

- ~70% of global mined supply comes from **Asia (Myanmar, China, Indonesia)**, with substantial exposure to:
 - Artisanal & small-scale mining (ASM) (~40–45% of global output)
 - Geopolitical intervention risk (e.g., Myanmar coup, Indonesian export controls)
- **Refined production capacity is constrained** by legacy infrastructure, low reinvestment rates, and limited pipeline visibility.
- LME stocks remain critically low, frequently under 2,000 tonnes amplifying short-term price volatility.

Pricing Dynamic & Capital Discipline

- Tin experienced **extreme price volatility** during 2021–2022, peaking at \$50,000+/t before retracing to ~\$25,000–30,000/t.
- Unlike lithium or nickel, **tin juniors received limited capital inflows**, creating a **severe funding gap** between exploration and development.
- This has led to a lack of shovel-ready projects outside Southeast Asia a key opportunity for projects in stable jurisdictions.

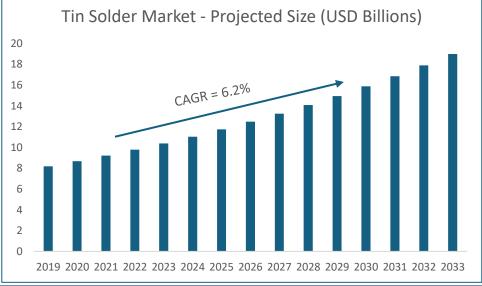
"Tin is arguably the most critical mineral you've never heard of — essential to everything digital, yet facing one of the thinnest supply chains in metals."

- Roskill (Wood Mackenzie), 2023 Tin Outlook

"There is no replacement for tin in soldering applications at scale — and yet 40% of global supply is vulnerable to geopolitical or artisanal disruption. This is a high-risk profile for a metal underpinning the digital economy."

— Alfredo Barrios, CEO, International Tin Association





Appendix 7 – Tungsten Overview

Unmatched Physical Properties

- Highest melting point (3,422°C) and highest tensile strength of any material
- Critical in applications where **extreme durability**, **heat resistance**, and **density** are non-negotiable (e.g., aerospace, defense, and machining)

Strategic Applications

- Defense: Armor-piercing ammunition, kinetic penetrators, radiation shielding
- Aerospace & Energy: Turbine blades, rocket nozzles, nuclear fusion components
- Industrial: Hardmetals (tungsten carbide) for cutting tools, mining and oil drilling

Supply Concentration & Security Risk

- China produces over 80% of global tungsten concentrate and refined material
- Western supply chains are exposed; the U.S., EU, and Japan all classify tungsten as a critical material
- **Limited western mine supply and processing capacity**; few permitted development-stage projects in OECD countries

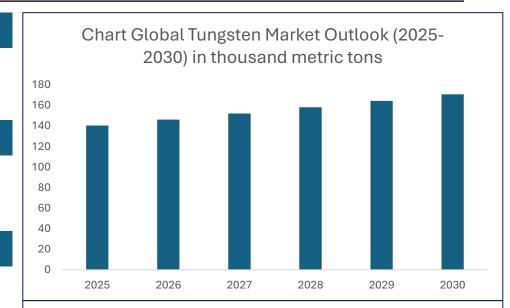
Market Characteristics

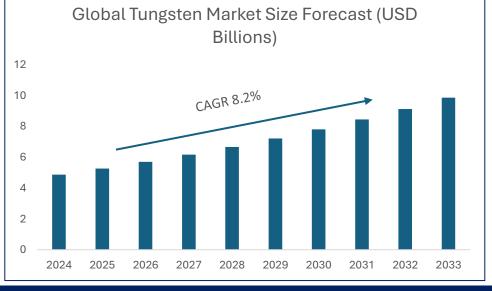
- Small but tight market: ~90,000 tonnes/year with price-inelastic demand in strategic sectors
- Opaque pricing mechanisms mainly contract-based, with little visibility compared to LME-traded metals
- China's quota system restricts exports of both concentrate and downstream products

"In the event of geopolitical tension, tungsten is one of the first metals where the West would face a supply shock."

— Roskill (Wood Mackenzie), Strategic Metals Outlook "Tungsten's strategic importance is amplified by its irreplaceable role in defense and aerospace, yet the global supply chain remains alarmingly narrow. The metal is highly price inelastic, and any disruption in Chinese exports could lead to severe shortages across NATO-aligned industries."

— Wood Mackenzie, Strategic Metals Review 2023





Appendix 8 – Indium Overview

Strategic Importance

- Indium is a critical component in indium tin oxide (ITO), used for transparent conductive coatings in touchscreens, LCDs, and photovoltaics.
- Plays an emerging role in **compound semiconductors and next-generation battery chemistries**.

Constrained Supply Base

- Over 75% of global supply is a by-product of zinc smelting, limiting production scalability
- No primary mining, and supply remains concentrated in China, heightening geopolitical & ESG risk.

Market Dynamics

- A small-volume market (~1,200 tpa) underpinning high-value electronics & energy systems.
- Price inelastic and highly volatile, reflecting opaque sourcing and limited recycling.

Demand Outlook

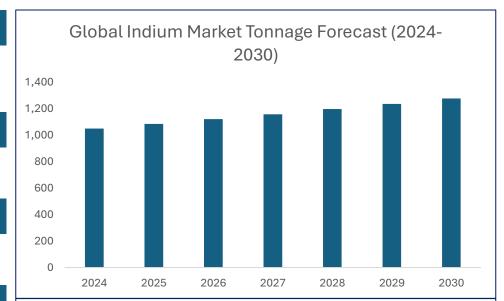
- Structural demand growth driven by:
 - Proliferation of displays & mobile devices
 - CIGS thin-film solar deployment
 - Advanced 5G/optical components and energy storage R&D
- CAGR forecast: ~6.5–7% through 2030, outpacing supply visibility.

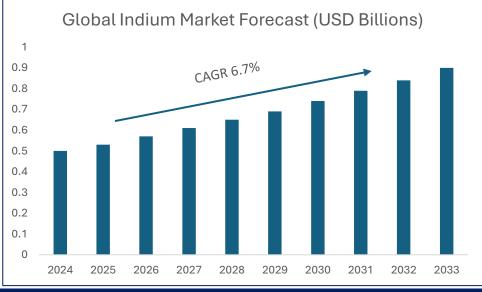
"The unique role of indium in screens and solar cells gives it a strategic importance that far outweighs its volume."

— USGS Critical Minerals Summary 2022

"Indium's criticality stems not only from its scarcity, but from its role in enabling the performance of high-efficiency, low-carbon technologies."

— Critical Raw Materials Alliance (CRMA), 2023 Position Paper





Appendix 9 – Zinc Overview

Core Use: Corrosion Protection

- Over **60% of zinc demand** is tied to **galvanization**, especially for steel used in bridges, construction, pipelines, & autos.
- Its role is **defensive** extending asset life making it tightly linked to infrastructure CAPEX cycles, particularly in China, India, and the U.S.

Macro Positioning

- Zinc is cyclical but essential, with demand resilience in public infrastructure, utilities, & industrial capital goods.
- **Green steel initiatives** and **climate-resilient infrastructure** spending (e.g., U.S. IIJA, EU Green Deal) **underpin** baseline **demand**.

Emerging Strategic Use

- Zinc is being evaluated for grid-scale energy storage particularly in zinc-air and zinc-ion batteries as a safe, abundant alternative to lithium and vanadium.
- These technologies are non-flammable, cost-competitive, and domestically manufacturable, **making zinc a** candidate for energy security strategies.

Supply Chain Dynamics

- Zinc mining is well-established, but **ore grades are declining** globally, and **new discoveries are limited**.
- China dominates smelting capacity, and Western smelters (e.g., in the EU) are increasingly under pressure from energy costs and ESG regulations.

"Zinc is not just an infrastructure metal — its chemistry makes it one of the most promising elements for long-duration energy storage." — U.S. Department of Energy, Energy Storage Grand Challenge Report

"With zinc smelters closing across Europe and energy prices surging, the Western supply chain is facing its tightest squeeze in decades."

— Bloomberg, Metals Market Review 2023

