



BUILT FOR GROWTH

augustagroup

Investor Presentation

Building America's Next Critical Minerals Champion

October 2025 | TSX: TI

OTCQB: TIMCF



FORWARD LOOKING INFORMATION



This presentation contains "forward-looking information" within the meaning of Canadian securities laws. In some cases, forward-looking information can be identified by the use of forward-looking terminology such as "plans", "targets", "expects", "is expected", "is positioned" or "assumes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would" or "will" occur or be achieved. In addition, any statements that refer to expectations, predictions, indications, projections or other characterizations of future events or circumstances contain forward-looking information. Statements containing forward-looking information are not historical facts, but instead represent management's expectations, estimates and projections regarding future events.

Forward-looking information includes, among other things, statements relating to: estimated future payable production of zinc, costs, AISC, sustaining capital, exploration capital, and margins; all guidance; future financial or operating performance and condition of Titan Mining Corporation (the "Company"), including its ability to continue as a going concern, and its business, operations and properties; the Company's ability to implement its growth strategy to maximize the value of its property holdings; the Company's planned exploration and development activities at Empire State Mines, as well as results thereof; timing and results of project expansion, including for N2D and Turnpike; costs, timing and results of future exploration and drilling; Company goals; forecasted trends in the global zinc and graphite market, including in respect of the price of such commodities; capital and operating cost estimates; economic analyses (including cash flow projections); the adequacy of the Company's financial resources; the estimation of mineral resources; the realization of mineral resource estimates; the probability of inferred mineral resources being converted into measured or indicated mineral resources; the production schedule and production estimates for the Titan's Empire State Mines ("ESM") zinc and graphite operations; any updates to the mine plans and continuation of the drill program at the ESM; the Company's ability to make scheduled payments of the principal, or to pay interest on or refinance its indebtedness; potential and ability to add incremental production at low cost; the ability for Kilbourne to be fast-tracked into production; that Kilbourne ever goes into production at all; that ESM becomes the first commercial producer of US sourced and processed graphite, or a commercial producer of graphite at all; significant resource upside; potential ability to expand mineral resources; the future development of a Kilbourne facility; production and cost guidance; future exploration potential; when future LOM updates may be released; catalysts for Titan's business; timing of a Feasibility Study for Kilbourne; the graphite development plan and indicative timeline; the ability to add incremental resources and production; projected zinc and graphite recoveries; that the Company will have saleable product for its graphite production at Kilbourne and key product group applications with US domestic customer base therefor; operating parameters for the Facility; strategic introduction timelines; graphite product uses, customers and ability to add to revenues and margins; potential production of 40,000 tpa of graphite; zinc and graphite demand; assumed average graphite selling price and the potential for premium pricing; graphite product portfolio; the potential for a long life mine; target graphite product mix; potential to add to near term production and increase in mine life through drilling of exploration targets; multiple near-term catalysts to unlock significant valuation re-rating; potential future financing of US\$120 million from U.S. EXIM Bank for the Kilbourne Graphite Project, that this would fund a major share of Kilbourne's capital needs and enable capital efficient project development; strategic funding/policy incentive opportunities with DOE, DOW and White House; and all timelines for future plans and work.

Forward-looking information is based on opinions, assumptions and estimates made by the Company in light of its experience and perception of historical trends, current conditions and expected future developments, as well as other factors that the Company believes are appropriate and reasonable in the circumstances, as of the date of this presentation, including, without limitation, assumptions about: equity and debt capital markets; the ability to raise any necessary additional capital on reasonable terms; future prices of zinc, graphite and other metals; the timing and results of exploration and drilling programs; the likelihood of discovering new mineral resources in the Balmat-Edwards district; the accuracy in the Company's most recent technical report of the mine production schedule; the production estimates; the geology and geophysical data of ESM; metallurgical forecasts; the economic analysis, capital and operating cost estimates; the accuracy of any mineral resource estimates; the successful integration of ESM into the Company's business; availability of labour; the accuracy of drill sample results at ESM; future currency exchange rates and interest rates; operating conditions being favourable; political and regulatory stability; the receipt of governmental and third party approvals, licenses and permits on favourable terms; obtaining required renewals for existing approvals, licenses and permits and obtaining all other required approvals, licenses and permits on favourable terms; sustained labour stability; stability in financial and capital goods markets; availability of equipment and the condition of existing equipment being as described in the Company's most recent technical report; the absence of any long-term liabilities created by the mining activity in the Balmat region beyond those described in the Company's most recent technical report; the accuracy of the Company's accounting estimates and judgments; the impact of adoption of new accounting policies; the Company's ability to satisfy the terms and conditions of its indebtedness; and the timing of a revised mine plan for ESM. There can be no assurance that such estimates and assumptions will prove to be correct. In addition, if any of the assumptions or estimates made by management prove to be incorrect, actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking information contained in this presentation. Accordingly, readers of this presentation are cautioned not to place undue reliance on such information.

Forward-looking information is necessarily based on a number of the opinions, assumptions and estimates that, while considered reasonable by the Company as of the date such statements are made, are subject to known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information, including but not limited to the following factors described in greater detail under the heading "Risks Factors" in the Company's most recent Annual Information Form available at www.sedarplus.com: limited operating history; dependence on ESM; limited supplies, supply chain disruptions, and inflation; requirements for additional capital in the future; financial leverage and restrictive covenants restricting our current and future operations; risks related to ramping up mining activities; inherent risks of mining; estimates of mineral resources; production decisions based on mineral resources; uncertainty in relation to inferred mineral resources; fluctuations in demand for, and prices of, zinc and graphite; production projections and cost estimates for ESM #4 mine may prove to be inaccurate; profitability of the Company; ability to attract and retain qualified management; title; competition; governmental regulations; market events and general economic conditions; environmental laws and regulations; threat of legal proceedings; rights, concessions and permits; social and environmental activism; land reclamation requirements; Tailings Management Facility and environmental reclamation; insurance; undisclosed liabilities; health and safety; dependence on information technology systems; fixed zinc pricing arrangements; conflicts of interest; risks inherent in the Company's indebtedness; risks inherent in acquisitions; integration of the mine assets; labour and employment retention/relations; anti-corruption and bribery regulation, including ESTMA reporting; infrastructure; enforceability of judgments; global outbreaks and coronavirus; absence of a market for the common shares; fluctuations in price of the common shares; loss of entire investment; significant ownership by Richard W. Warke; future sales of common shares by Richard W. Warke and other directors and officers of the Company; use of proceeds; payment of dividends; currency exchange rate risks; pro forma financial information; public company status; financial reporting and other public company requirements; dilution; and securities analysts' research or reports could impact the price of the common shares. These factors and assumptions are not intended to represent a complete list of the factors and assumptions that could affect the Company. These factors and assumptions, however, should be considered carefully. Currency is in US dollars and tonnage is in short tons unless otherwise indicated. Other than as required by securities laws, Titan assumes no responsibility for updating the forward-looking information in this presentation.

Investment Highlights

Dual-commodity Platform With Cash-generating Zinc Operations And Transformative U.S. Graphite Growth

- > **U.S production base in upstate New York**
- > **4th largest zinc producer in the United States**
 - > Existing infrastructure includes 5,000 tpd mill, skilled workforce of over 150 employees, rail, port and air access
 - > Cash flow positive zinc mine
- > **+120,000 acres of mineral rights controlled throughout the district,**
- > **Regional district scale and near mine exploration potential and ability to add incremental production at low cost**
- > **Significant graphite discovery at Empire State Mine's (ESM)'s property**
 - > The Kilbourne Graphite Project is a near surface discovery within 1 mile of the ESM mill
- > **1,200 mt pa fully permitted graphite processing facility started commissioning in Q4 2025 on same site**
- > **First end-to-end natural flake graphite production in the USA since 1956**
- > **Targeted expansion to 40,000 mt pa would enable Titan to supply ~50% of the domestic natural graphite market**

SOLID FOUNDATIONS AND BUILDING FOR GROWTH

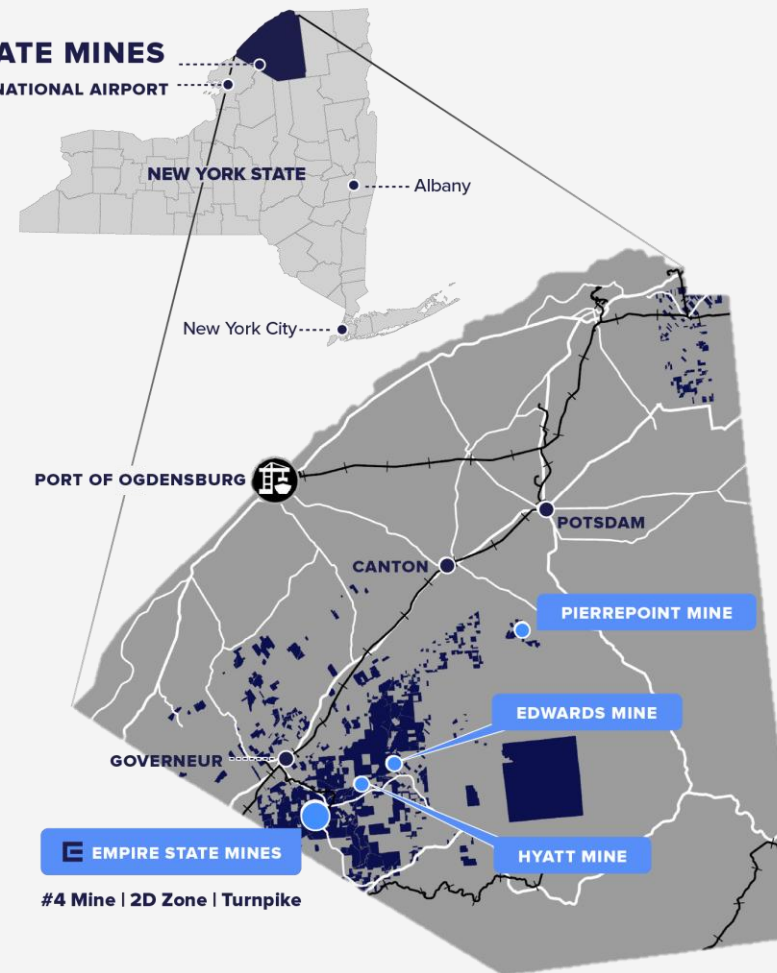
>120,000

acres of mineral rights controlled throughout the district

EMPIRE STATE MINES



WATERTOWN INTERNATIONAL AIRPORT



Growth and Value Creation in Critical Minerals



Leveraging First-mover Advantage And Federal Support To Establish The First Fully Integrated U.S. Natural Graphite Production In 70+ Years

Strong Leadership & Strategic Support

- > Track Record of Value Creation
- > Federal Support & Shareholder Alignment

Strong Foundation

- > Stable cash flow from Zinc operations
- > District-scale exploration upside

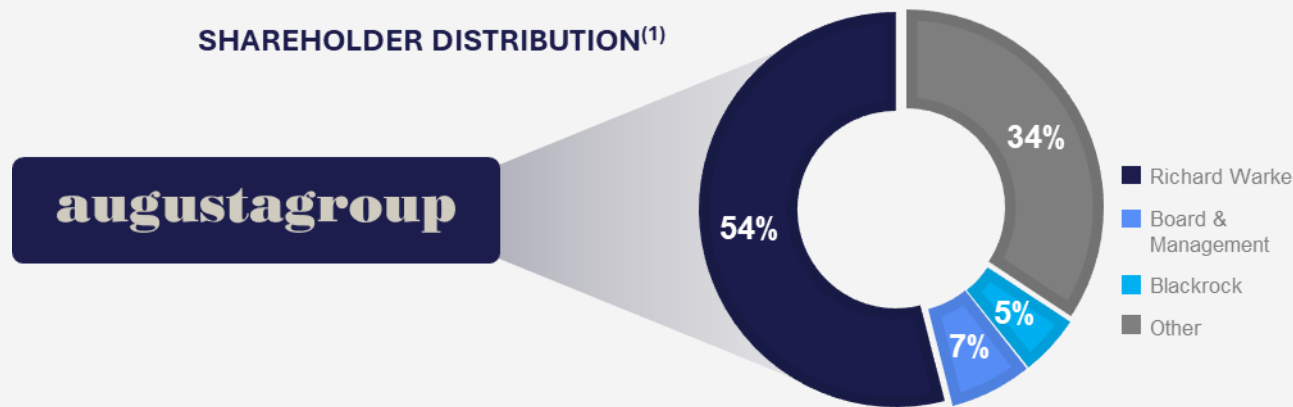
Transformative Growth

- > Macro & Policy Tailwinds
- > Competitive Moat
- > Significant Resource & Upside

Multiple Near-term Catalysts To Unlock Significant Valuation Re-rating

Track Record of Value Creation & Shareholder Alignment

Long Term Commitment Evidenced Through Management Participation



Past Augusta Group Company Returns



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⁽¹⁾ As at September 30, 2025, Bloomberg; Management excludes Mr. Warke and includes other members of the Titan board and management team

⁽²⁾ Information as of October 14



2025 Augusta Group Companies⁽²⁾

TITAN **C\$409M**
Market Cap
TSX: TI
OTCQB: TIMCF

augusta **C\$200M**
AngloGold Takeout
TSX: G
OTCQB: AUGG

HIGHLANDER SILVER **C\$505M**
Market Cap
TSX:HSLV

A Best-in-class Leadership Team



BOARD OF DIRECTORS



Richard Warke
EXECUTIVE CHAIRMAN

Consistent record of creating shareholder value at Augusta Group, with more than 35 years' experience in the international resource sector.



Governor George Pataki
DIRECTOR

Served three terms as the 53rd Governor of the State of NY, Co-Founder and Chairman of the Pataki-Cahill Group.



Donald Taylor
VICE CHAIR

30+ years of mineral exploration experience, Winner of 2018 Thayer Lindsley Award for Taylor discovery.



William Mulrow
DIRECTOR

Senior Advisor at the Blackstone Group, an alternative asset manager, various roles at companies like Citigroup, Paladin Capital, GAMCO, Rothschild Inc. and others.



Rita Adiani
PRESIDENT & CEO

Over 19 years of experience in the mining industry and global capital markets, including energy transition. Has been involved in raising over \$10 billion in public equities.



Lenard Boggio
DIRECTOR

Corporate Director and former partner of PwC where he served for more than 30 years, he was Leader of the B.C. Mining Group of PwC.



Speaker John Boehner
DIRECTOR

Served as the 53rd Speaker of the US House of Representatives from Ohio's 8th congressional district.

MANAGEMENT TEAM



Rita Adiani
PRESIDENT & CEO

Over 19 years of experience in the mining industry and global capital markets, including critical materials. Has been involved in raising over \$10 billion in public equities.



Kevin Hart
CFO

20+ years mining sector experience as CFO and Corporate Controller. CPA who has overseen gold processing operations and mine development across multiple jurisdictions.



Joel Rheault
VP, OPERATIONS

30+ years building and operating mines globally. Extensive start-up experience.



Purni Parikh
SVP, CORPORATE AFFAIRS & CORPORATE SECRETARY

25+ years mining sector experience. President of Augusta Group, overseeing \$4.5B+ in M&A transactions, including three world-class asset sales.



Jenny Hood
VP, COMMERCIAL & SALES

20 years leading supply chain and commercial strategies in mining. Former Chief Supply Chain Officer at Compass Minerals.



Tom Ladner
GENERAL COUNSEL

10+ years in mining law and corporate governance. General Counsel for Augusta Group of Companies. Former VP Legal at Solaris Resources.

OVER 200+ YEARS OF COLLECTIVE EXPERIENCE

Strong Strategic Federal Support

- > **\$15.8M** for zinc expansion. **First direct mining loan** under Make More in America initiative
- > Financing Interest of up to **US\$120 Million** from **U.S. EXIM Bank for Kilbourne Graphite Project**
- > **Validates ESM's strategic importance as a US critical materials producer**
- > **Non-dilutive, long-term funding on attractive terms** – preserves balance sheet strength while advancing critical path activities
- > A finalized EXIM commitment would **fund a major share of Kilbourne's capital needs**, enabling capital efficient project development

MAKING MORE IN AMERICA



National Security

100% Graphite Import Dependent
>40% from Chinese Sources

Economic Impact

Up to \$136M Initial Federal Commitment
150+ Existing Jobs Supported and Number of New Jobs to be Created by Kilbourne

Strategic Advantage

Existing Operational Site

Accelerated Timeline



Zinc: Solid Foundation

60mlbs

Zn Production 2024

2.5x

Production growth since acquisition and restart

UNDERGROUND MINERAL RESOURCE ESTIMATE AS OF JULY 16, 2024⁽¹⁾

Category	Tons (000's tons)	Zn (%)	Contained (M Lbs)
Measured	295	17.1	101
Indicated	1,158	15.7	364
Measured and Indicated	1,453	16.0	465
Inferred	4,327	12.1	1,049

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Empire State Mine

Consistent Resource Replacement and Expansion

- > Mineralized material processed in latest Zinc LOM Plan: 663Mlbs
- > Achieved top end of production guidance with **59.6 mlbs** payable zinc produced in 2024
- > 2024 AISC achieved was **10% less than lower end of cost guidance**, despite interruptions from Storm Debby
- > 2025 Guidance of **up to 15% increased production** above 2024 Guidance with **lower unit costs**
- > H1 2025 operational and cost guidance being met

SCIENTIFIC AND TECHNICAL INFORMATION

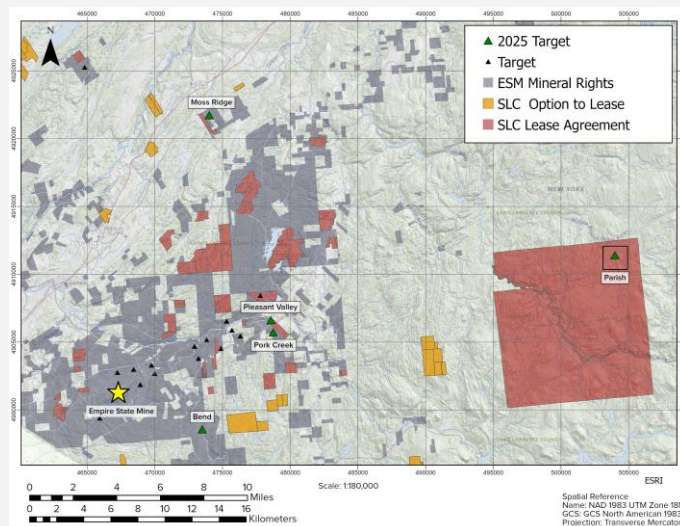
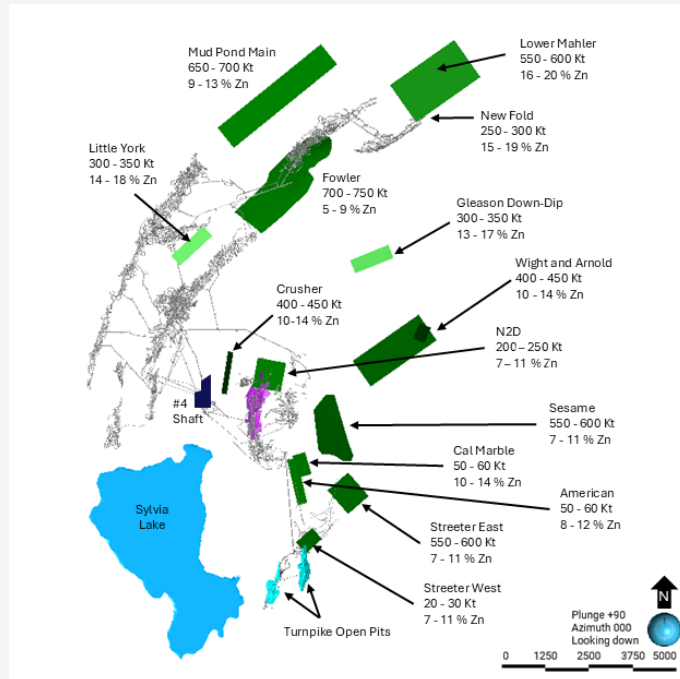
The scientific and technical information contained in this presentation relating to the Empire State Mines Zinc operations was based upon the technical report titled "Empire State Mines 2024 NI 43-101 Technical Report Update Gouverneur, New York, USA" (the "ESM Technical Report") which has an effective date of December 3, 2024, and was approved by the following qualified persons: Donald R. Taylor, MSc., PG, Todd McCracken, P. Geo., Deepak Malhotra, P. Eng., and Oliver Peters, MSc, P. Eng., MBA. Mr. Taylor is the Chief Executive Officer of the Company. Messrs McCracken, Malhotra, and Peters are independent of the Company.

⁽¹⁾ Notes: Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that any part of the Mineral Resources estimated will be converted into a Mineral Reserves estimate. Mineral Resources stated as in-situ grade at a Zinc price of \$1.30/lb, with an assumed zinc recovery of 96.4% Resources are reported using a 5.3% Zinc cut-off grade, based on actual break-even mining, processing, and G&A costs from the ESM operation. Numbers in the table have been rounded to reflect the accuracy or the estimate and may not sum due to rounding.

2025 ZINC GUIDANCE AND FY 24 – PRODUCTION AND COST

	2025 GUIDANCE	H1 2025 ACTUAL	FY 2024 ACTUAL
Payable Production Zinc	64-69 m lbs	30.9 m lbs	59.5 m lbs
C1 Cash Cost ⁽²⁾	\$0.89-\$0.96 per payable lb	\$0.91 per payable lb	\$0.91 per payable lb
AISC ⁽²⁾	\$0.98-\$1.05 per payable lb	\$0.93 per payable lb	\$0.94 per payable lb
Sustaining Capital	US\$5.5- US\$5.7 million	US\$0.6 million	US\$1.8 million
Exploration Capital	US\$2.2- US\$2.5 million	US\$0.9 million	US\$1.9 million

⁽²⁾ C1 Cash Cost and AISC are non-GAAP measures and presented in US dollars. Accordingly, these financial measures are not standardized financial measures under IFRS and might not be comparable to similar financial measures disclosed by other issuers. Information explaining these non-GAAP measures is set out in the Company's most recent MD&A under the section titled, "Non-GAAP Financial Measures" which disclosure is incorporated by reference herein. The Company's most recent MD&A can be found on SEDAR+ at www.sedarplus.com



Expanding Resources & Unlocking Exploration Upside

Driving Both Near-mine Resource Expansion And District-scale Growth Opportunities

ZINC RESOURCE EXPANSION & PRODUCTION GROWTH

- > Underground and open-pit drilling programs advancing (#4, N2D, Turnpike)
- > Significant near-term potential: 5.0–5.5 Mt of mineralized material at 10–14% Zn (963–1,525 Mlbs contained zinc)
- > Priority targets include Mud Pond Main, Mahler, Fowler, New Fold, and Gleason

UNLOCKING DISTRICT WIDE POTENTIAL

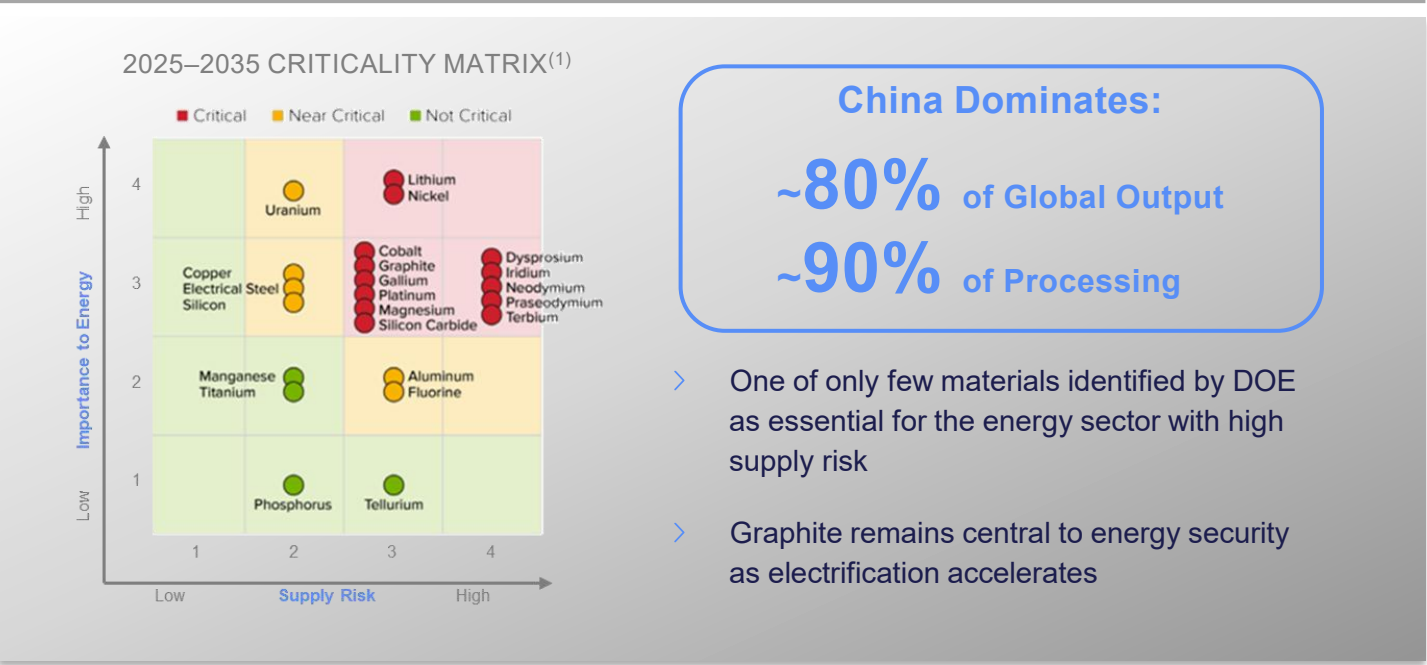
- > Parish target added — historic Cu sulfides with anomalous gold, IOCG potential
- > +2,000 soil samples planned for Q3/Q4 2025; water sampling underway
- > Focus: underexplored marbles, geophysics, and historic data review

OVER 40,000 ACRES OF MINERAL RIGHTS ADDED THROUGH STRATEGIC AGREEMENT WITH ST. LAWRENCE COUNTY IN Q2 2025 FOR A TOTAL OF 120,000 ACRES

Note: The potential quantity and grade of these exploration targets are based on historic production figures from geologically similar horizons. The potential quantity and grade is conceptual in nature and there has been insufficient exploration to define a mineral resource at these targets. It is uncertain if further exploration will result in these targets being delineated as a mineral resource.

Graphite: A National Security Imperative

Without Domestic Graphite, U.S. Defense and Energy Systems Remain Vulnerable



GRAPHITE SUPPLY RISK INTENSIFIES UNDER CHINA’S 2025 EXPORT CONTROLS

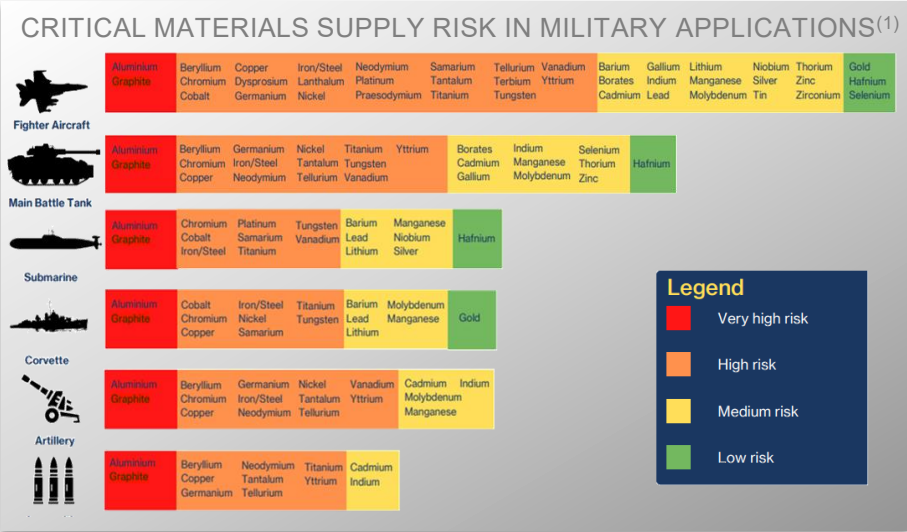
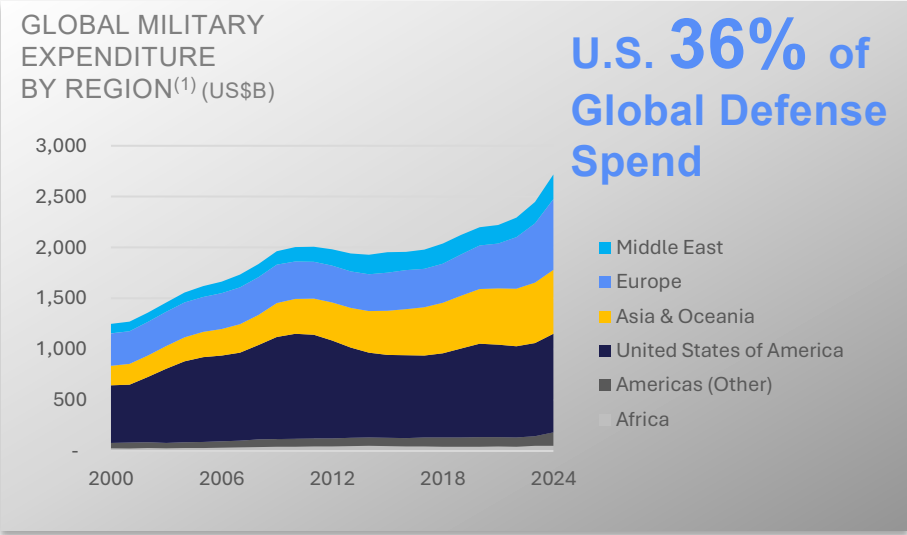
PRODUCT	CHINESE CONTROL STATUS	SUPPLY RISK (EX-CHINA)	TITAN COMPETITIVE EDGE ⁽²⁾
Natural flake concentrate	2023 permits	High	Only U.S. primary source production
Purified spherical graphite	Implicit under 2025 controls	Very High	U.S. purification facility
Coated spherical graphite (CSPG)	Explicit under 2025 controls	Severe	U.S CSPG facility

GRAPHITE: HIGH U.S. GOVERNMENT PRIORITY – AMONG TOP CRITICAL MATERIALS ACROSS DEFENSE/ENERGY APPLICATIONS, 100% IMPORT DEPENDENT, CHINA CONTROLS SUPPLY

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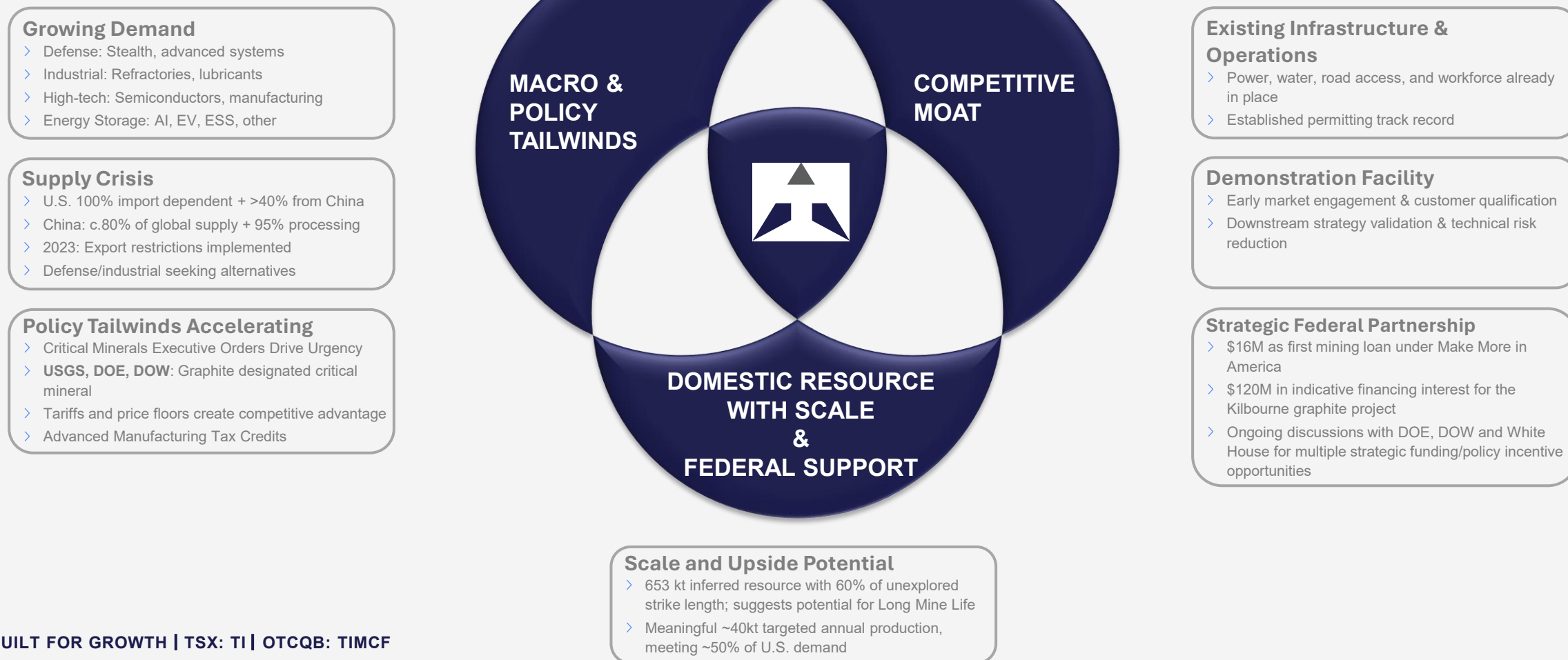
(1) Source: U.S. Department of Energy, Critical Materials Assessment 2023; SIPRI; Hague Centre for Strategic Studies
(2) Reflects potential advantages contingent on future downstream development

Global Military Spending Surges to \$2.7 Trillion

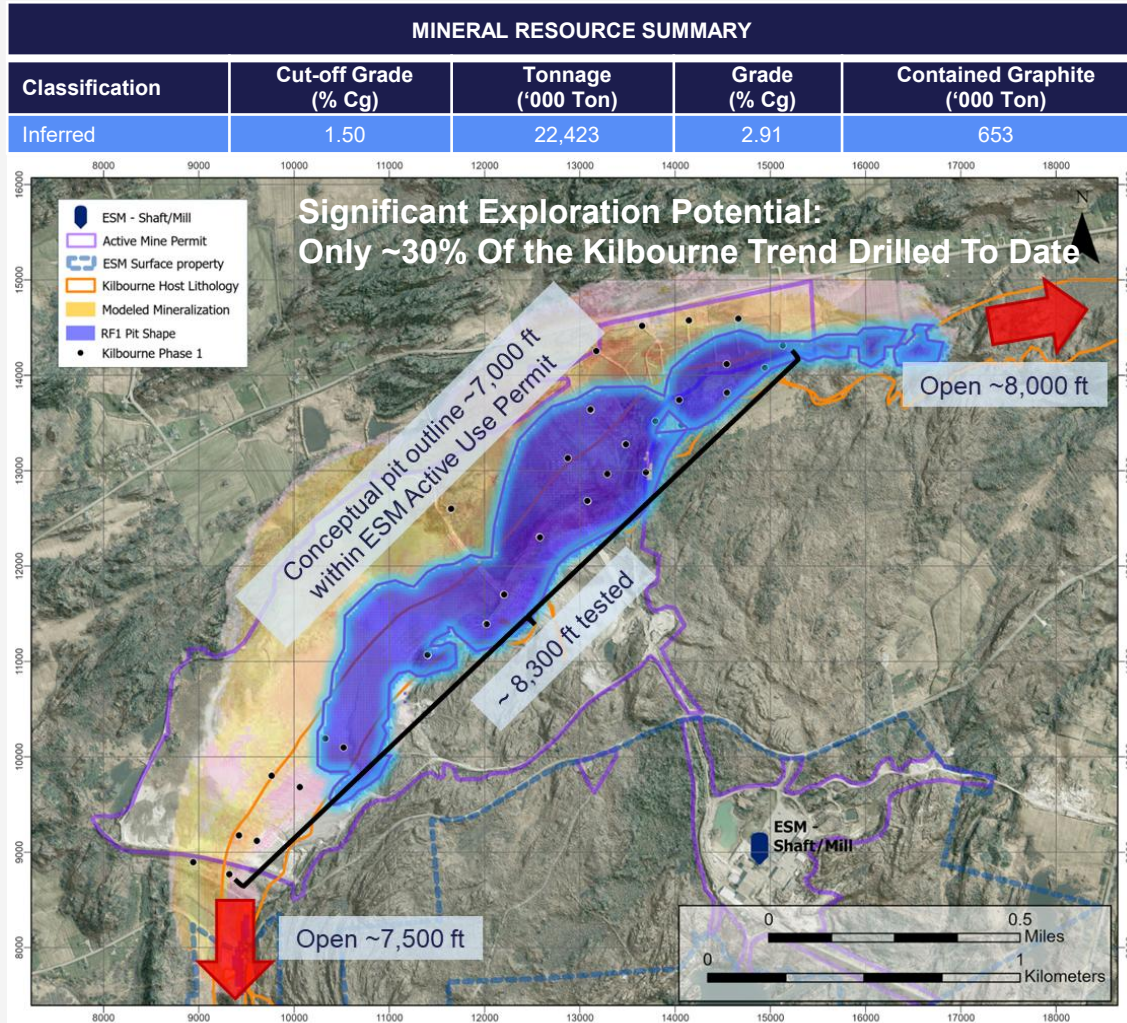




KILBOURNE PROJECT: U.S. GRAPHITE SUPPLY SOLUTION



Significant Resource with Upside and High-Quality Products



- > Open-pit, low-strip design mine
- > Large, expandable resource with 60% of unexplored strike length; suggests potential for Long Mine Life
- > Integrated flowsheet: mining, processing, micronization and purification to downstream products
- > High recoveries & purity (Up to 99% purity and ~87% recovery achieved (90-91% expected in close circuit), supporting premium product mix
- > 1,200 mt pa fully permitted graphite processing facility, with qualification and sales expected to start in Q1 2026
- > Located within Titan's Empire State Mine complex in upstate New York, with established infrastructure and a skilled workforce already in place
- > 4,000 feet northwest of the existing ESM mill and mine infrastructure

SCIENTIFIC AND TECHNICAL INFORMATION

The scientific and technical information contained in this presentation relating to the Empire State Mines Kilbourne Project was based upon: 1. the ESM Technical Report; and 2. the Company's press release titled "Titan Mining Announces Phase III Metallurgy Results and Outlines Plans for Natural Flake Graphite Processing Facility in New York State", dated January 16, 2025, which was approved by Oliver Peters of Metpro Management Inc. Mr. Peters is a Qualified Person as defined by National Instrument 43-101 and is independent of Titan.

Macro & Policy Tailwinds

Titan Is Uniquely Positioned To Secure U.S. Critical Materials Independence While Capturing The Fastest-growing Markets

THE CRITICAL SUPPLY GAP

- > **Graphite demand is accelerating** across defense, high-tech, and energy storage, creating lasting growth tailwinds
- > With the **U.S. fully import-dependent** and **China controlling supply**, defense and industrial players are urgently seeking alternatives
- > Following China's initial **graphite export restrictions** introduced in late 2023, MOFCOM's October 2025 expansion to artificial and mixed anode materials highlights the **accelerating need to establish secure North American production capacity**

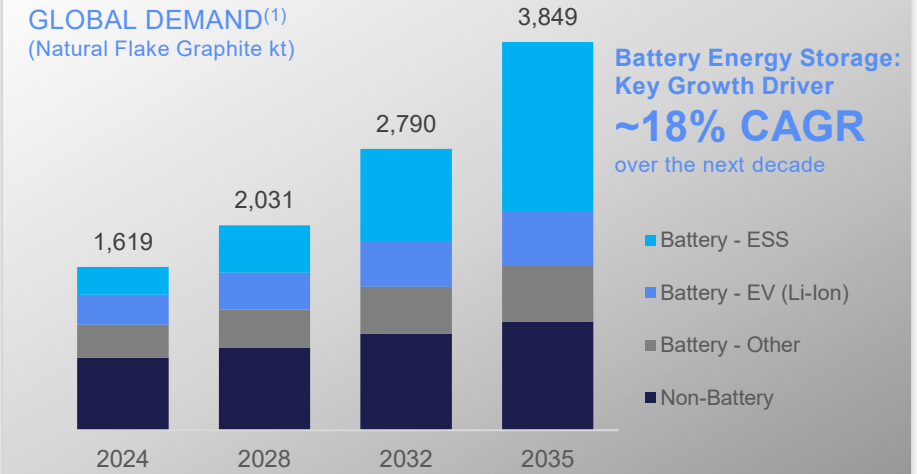
TITAN'S TARGETED 40K MTPA FACILITY WOULD SUPPLY ~50% OF PROJECTED U.S. NATURAL GRAPHITE DEMAND, DIRECTLY ADDRESSING AMERICA'S 100% IMPORT RELIANCE

US GOVERNMENT SUPPORTING LOCAL PRODUCTION

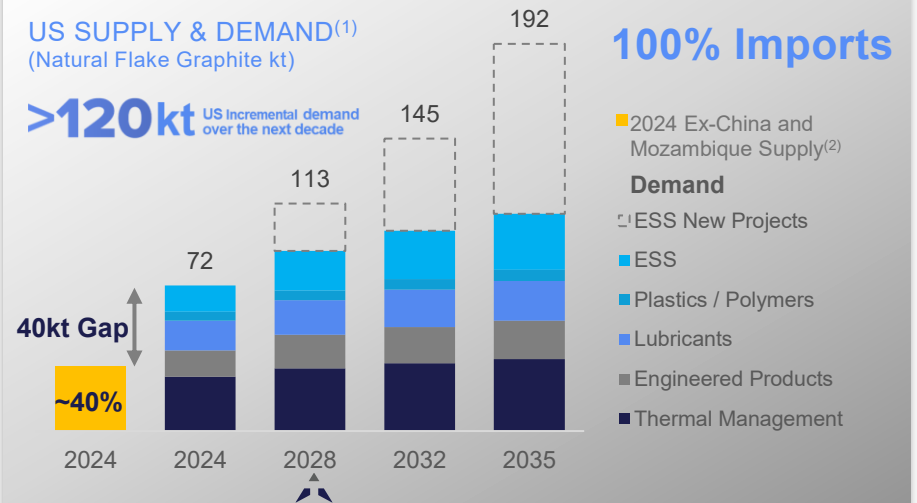
- > **DoW and DPA:** Direct funding to build critical-mineral capacity
- > **National Defense Stockpile:** Government offtake to de-risk demand
- > **DOE financing & grants:** LPO, MESC/BIL funding for processing and anode material
- > **Tax incentives:** 45X production credits, 48C investment credits
- > **Tariffs & trade measures:** Targeted tariffs and procurement preferences that favor domestic supply



GLOBAL DEMAND⁽¹⁾
(Natural Flake Graphite kt)



US SUPPLY & DEMAND⁽¹⁾
(Natural Flake Graphite kt)



(1) Source: LSTM, Wood Mackenzie
(2) USGS and Management Estimates

Titan's Diversified Graphite Product Platform

Unlocking Growth in Critical U.S. Markets

- > Titan set to become the **first U.S. natural graphite producer in 70+ years**
- > Positioned across **high-growth critical markets** — defense, aerospace, energy storage, and batteries — with **premium pricing potential**
- > Product portfolio evolves from concentrate to CSPG, enabling **high margins** and capturing both battery and non-battery demand



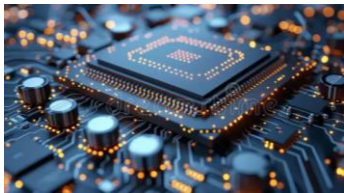
DEFENSE & AEROSPACE APPLICATIONS

- > Graphite is used in rocket nozzles, re-entry nose tips, and heat shields for its high-temperature resilience
- > It's used in composite materials for military aircraft/vehicles to boost strength, reduce weight, and improve thermal stability



ENERGY SECURITY & ELECTRIFICATION

- > Graphite is critical for anode and cathode use in primary and secondary batteries, including lithium-ion, lead-acid, and fuel cells, powering applications from drones and EVs to large-scale power systems
- > Secure graphite supply is vital for grid storage, backup systems, and resilient infrastructure, especially for defense bases and critical networks



HIGH TECH & ADVANCED MATERIALS

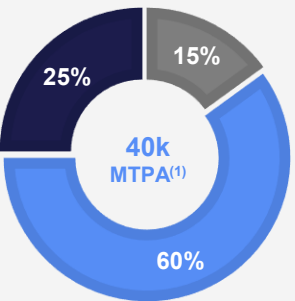
- > Graphite's exceptional conductivity and stability under extreme conditions make it indispensable in semiconductors, silicon carbide (SiC) substrates, heat spreaders, and thermal interface materials for advanced electronics
- > Enables coatings, optics, and composites in lasers, sensors, and defense-grade systems



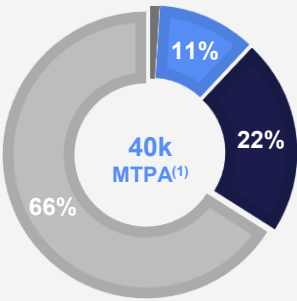
INDUSTRIAL & HIGH-TEMPERATURE USES

- > Refractories, foundries, and steelmaking use graphite for its heat resistance and conductive properties—critical in heavy industry and materials manufacturing
- > Lubricants, coatings, and specialty applications leverage graphite's unique chemical and thermal properties in harsh or high-wear environments

TARGETED PRODUCT MIX



YEARS 1-5



YEARS 5+



- Concentrate
- Micronized
- Purified
- CSPG

CONCENTRATE ⁽²⁾	MICRONIZED ⁽³⁾	PURIFIED ⁽⁴⁾	CSPG ⁽⁵⁾
	✓	✓	
		✓	✓
	✓	✓	
✓	✓	✓	
INDUSTRIAL	SPECIALTY	HIGH TECH	ENERGY STORAGE

Competitive Moat

Positioned as the Clear U.S. Leader in Graphite Development

STRONG PROJECT FUNDAMENTALS

- > Product mix aligned to proven, near-term demand
- > Likely low capital intensity

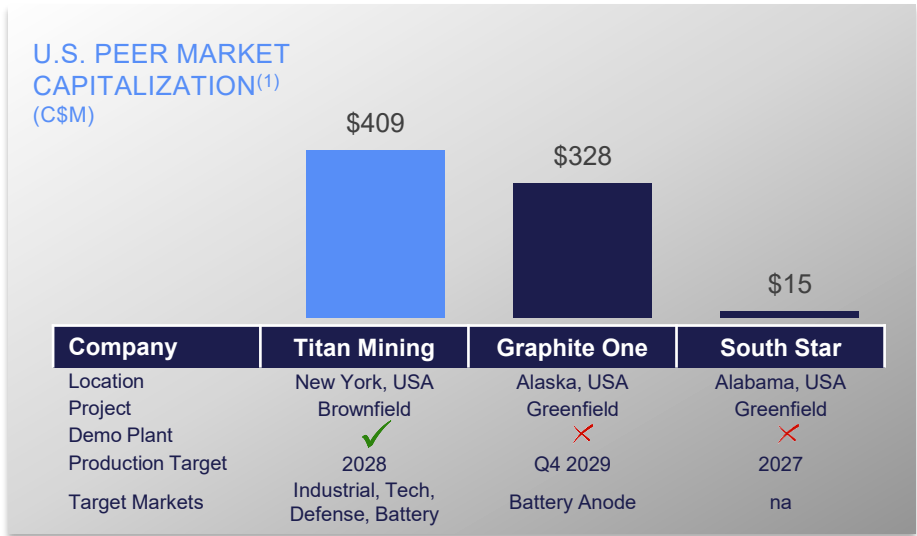
DE-RISKED EXECUTION PLATFORM

- > Fully permitted demonstration plant in operation in Q4 2025, advancing product qualification
- > Backed by Augusta Group and strong federal/state government support
- > Proven zinc operations provide operational expertise and cash flow support

BROWNFIELD ADVANTAGE & SPEED TO MARKET

- > Located in a 100+ year mining district in upstate New York, with an established permitting track record
- > Existing infrastructure in place — power, rail, highway, ports
- > Experienced local workforce of 150+ already on site

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Equipment delivery at the site for Q4 2025 startup

(1) As of October 14, 2025;
Source: Public Disclosure

Path To Scaling Domestic Commercial Graphite Production

2025

- Maiden resource declaration (2024)
- Lab testing to confirm product specs
- 1,200 mt pa graphite concentrate facility commissioning in H2 2025
- **Facility Start of Production - Customer deliveries**

2026

- Targeted resource expansion at Kilbourne
- Infill drilling
- Further metallurgical test work (including value add product testing)
- Feasibility Study

2027+(1)

- Equipment orders
- Construction/installation
- Commissioning

Commercial

- Technical work progress regarding project scope
- Product qualification and offtakes

Commercial

- Product qualification and offtakes

Commercial

- Offtake/product placement



Production Begins

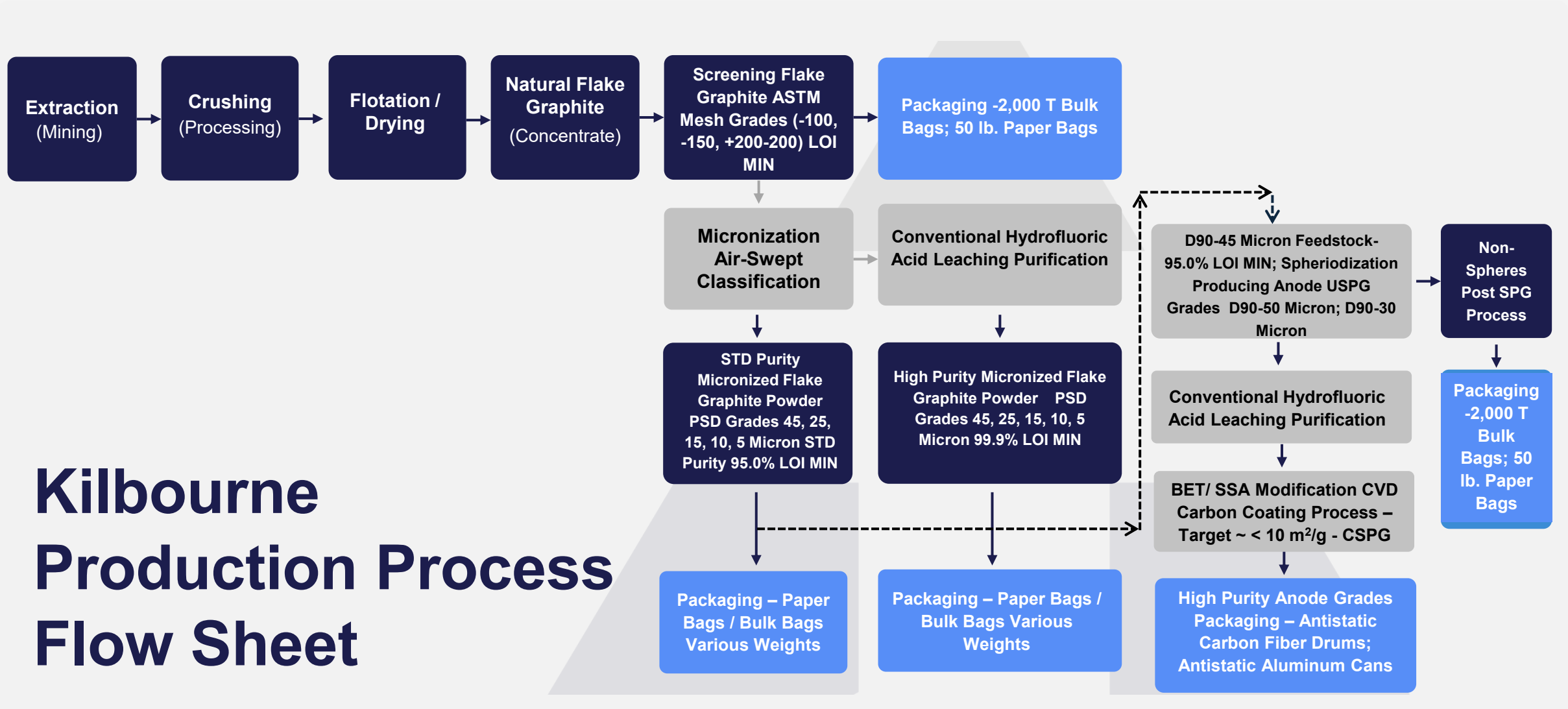
Funding and Permitting

Permitting

Funding/Construction



Appendix



Testwork-SGS⁽¹⁾⁽²⁾

Concentrate Size Fraction- Master Composite	Mass %	Assays % C(t) ⁽²⁾
+100 mesh	8.2%	98.1%
+150 mesh	11.7%	98.9%
+200 mesh	26.0%	99.1%
-200 mesh	54.1%	99.2%
Total Concentrate	100%	99.1%



(1) SFA analysis from Phase III metallurgy at SGS.

(2) SGS has reported concentrate assay results in total carbon (C(t)), the inference is that this represents graphitic carbon in a high-grade concentrate.

High Quality Graphite: From Lab Results to Domestic Production in 2025

- > Proven Quality: Up to 99% purity and ~87% recovery achieved (90-91% expected in close circuit)
- > Ready Market: Product segmentation supports U.S MIL-SPEC, lubricants, industrials and battery customers (over 50% of product in -200 mesh)
- > Execution on Path: 1,200 mt pa graphite processing facility starting in Q4 2025 as a first step towards targeted 40,000 mt pa in a larger commercial facility
- > Product qualification and sales expected to commence in early 2026

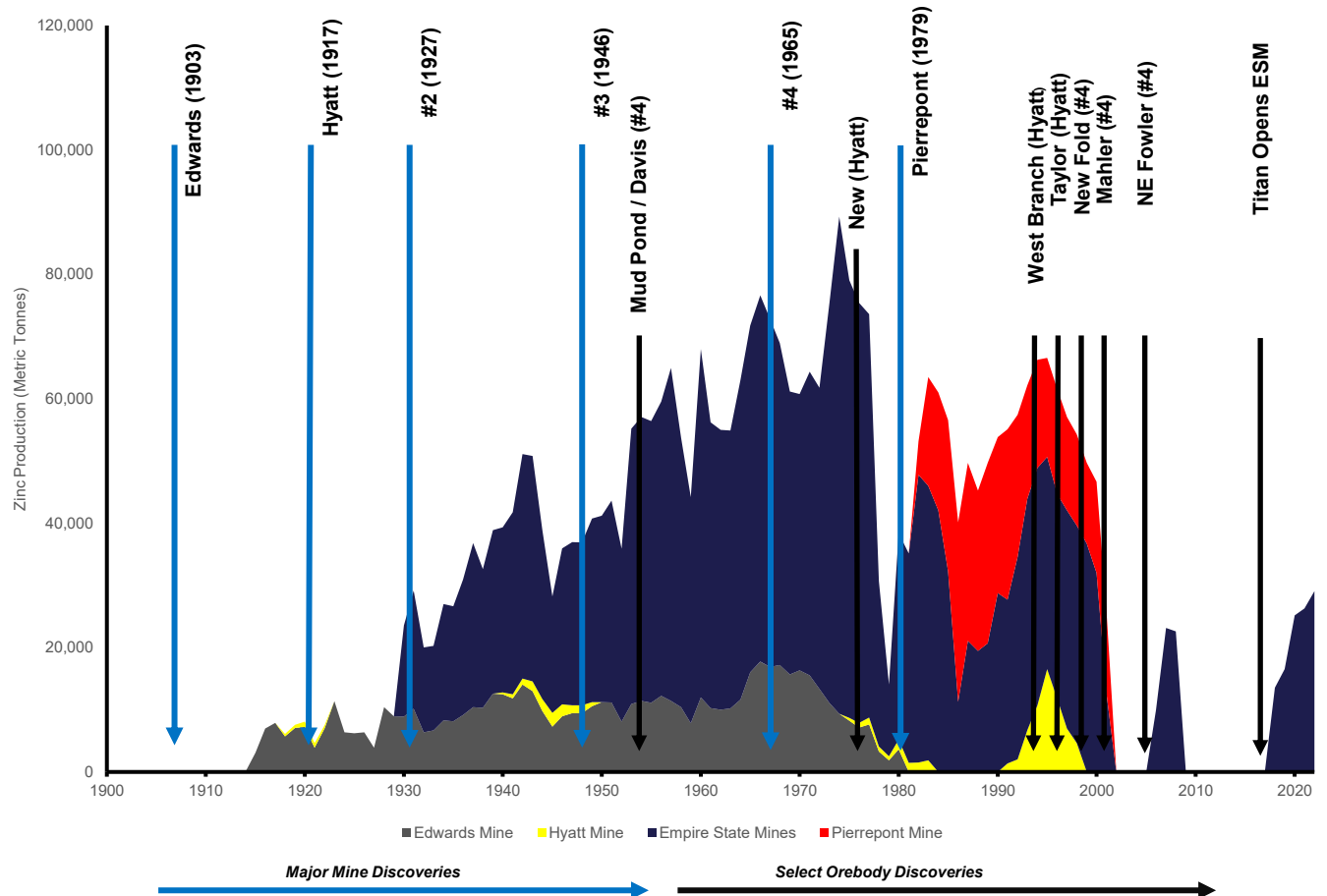
History of exploration success

Potential for additional discoveries

Many discoveries made during a century of mining operations

- > Minimal exploration during 2000-2010 period
- > District remains highly prospective – refocus on exploration concurrent with production
- > Kilbourne discovered in 2023

Long production history with numerous discoveries



Our Approach to Sustainability

- **Employees uphold integrity, trust, and commitment to community as well as environmental and social stewardship**
- **Projects deliver long-term mutual economic value to employees, communities, governments, and shareholders**
- **We minimize environmental, social, and safety impacts through innovative technology**
- **A key measure of a success is defined by direct engagement and transparent discussions with the surrounding communities**

Committed to localization and building partnerships that deliver long-term mutual benefits

1

Community Involvement

- Promote the economy by hiring and buying locally
- We partner and invest in workforce training
- We use our projects as a catalyst to expand economic development and community investment for the benefit of local residents, community organizations and local governments

2

Environmental and Social Stewardship

- Mitigate the impacts of our actions to ensure the safety and environmental, well-being of the areas in which we operate
- Work jointly with communities to create positive, long-term legacies that benefit future generations
- Minimize environmental footprint through sound management

3

Integrity and Trust

- Open, timely communication with stakeholders
- Build and reinforce relationships through transparency
- We back up our commitments with action
- Fully comply with laws, regulations and permits



TSX: TI
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