TROY MINERALS

Targeting Near-Term Production of Strategic Minerals to Fuel the Global Energy Transition

Photo: High-purity Silica at Table Mountain Project, BC

DISCLAIMER

Certain statements contained in this presentation constitute “forward-looking statements” within the meaning of applicable Canadian securities legislation. Such forward-looking statements herein may include but are not limited to: interpretations of exploration results; strategic plans and expectations for the development of the Company’s properties; costs, financial information including budgets, metal price assumptions, cash flow forecasts, internal rate of return, projected capital and operating costs; technical results and assumptions including metal recoveries, mine life and production rates; and intended use of proceeds.

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No securities commission or regulatory authority has reviewed the accuracy or adequacy of the information presented.
The reader is cautioned that when reference to any mineral deposit or historic or existing mining district is made in this presentation, this is to help place the properties into geologic context and is for reference purposes only. There is no evidence to date that similar mineral resources occur on Trpy Minerals’ properties.
QUALIFIED PERSON. under National Instrument (NI 43-101) Standards of Disclosure for Mineral Projects, the Qualified Person for the technical portion of this presentation is Ted Vanderwart P.Geo, for Troy Minerals Inc., who has reviewed and approved its contents.

ABOUT TROY MINERALS

Troy Minerals is at the forefront of the exploration and development of strategic minerals essential for modern technology and green energy solutions.

Our mission is to unlock significant shareholder value in mining projects through the successful discovery and production of:

- High-purity (HPQ) **Silica** (which becomes Silicon),
- High-grade **Vanadium** (+/- **Titanium**), and
- Rare metals such as **Scandium, Gallium**, and **Rare Earths** (REE)

High - Putity Silica Sample

WHY TROY?

- Significant position in key strategic minerals
- Near term cashflow potential
- Management and technical team with a proven track record

01 **No Time and Money Wasting:** Our team of experts ensures efficient use of resources.

02 **Quick to Cash Flow:** Projects are designed to generate revenue rapidly. One Mining License.

03 **Strategic Location:** Positioned next to the world's biggest consuming countries.

04 **Easy to Access and Extract:** High-purity resources ensuring operational efficiency.

05 **High-Growth Markets:** Focused on high-purity (HPQ) silica, vanadium and REE, which are poised for substantial growth.

06 **Strategic Acquisitions:** Enhancing portfolio and exploration potential.

07 **Experienced Leadership:** Team with decades of industry experience and proven success in transformative acquisitions, discoveries, project execution and strategic growth.

08 **Notable Advisors and Partners:** Supported by key industry figures and strategic alliances.

A COMPANY WITH A CLEAR OBJECTIVE

Mining License Received at Tsagaan Zalaa in H2 2025 and planning production in H1 2026.

Expanding resources and discussing off-take agreements. Announced massive maiden MRE at Table Mountain, BC

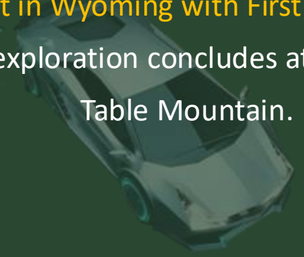
At Lake Owen, the discovery of the rare metals Scandium & Vanadium, creates opportunities for strategic partnerships and potential involvement of US Administration

Continued exploration and permitting efforts throughout portfolio, focusing on Lake Owen, Wyoming, Table Mountain, and Lac St.Jacques.

2024

Acquisition of CBGB Ventures and two high-quality (HPQ) silica projects. Expansion of Lake Owen Project in Wyoming with First DDH holes.

1st Phase exploration concludes at Tsagaan Zalaa, Table Mountain.



2025

2026

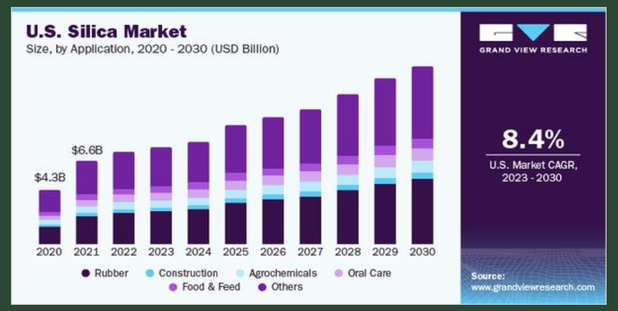
Commence production of HPQ silica at Tsagaan Zalaa and start exports via offtake agreements.

Commence drilling at Table Mountain and expand current MRE.

Advance Lake Owen in Wyoming via USA ”key” stakeholder partnerships and develop a business plan for Vanadium and Scandium exploitation

Troy Minerals is targeting a transition from an exploration company to a production company in 2026, a move expected to significantly increase our shareholders value.

INDUSTRY OVERVIEW



The global demand for strategic minerals like high-purity (HPQ) silica, vanadium, titanium, scandium and rare earths is skyrocketing, driven by the rapid adoption of photovoltaics & renewable energy, electric vehicles and advanced technologies, inclusive in high-end aviation, inclusive of military applications.

However, the industry faces challenges such as supply constraints, environmental concerns, and geopolitical risks.

"Resource Nationalism" is not a new notion; however current global sociopolitical and military events are affecting state governance and strategies in relation to supply/demand of such critical minerals.

By developing these critical minerals projects, Troy Minerals is contributing to the Western world's "independence" from China's mineral supply chains.

MARKET OPPORTUNITY

The high-purity (HPQ) silica market is expected to grow to $104.34 billion by 2030, while the vanadium market is projected to reach $81.8 billion by 2030.

[1] Reportlinker.com: "Global Vanadium Industry", 2023

WHY SCANDIUM? (from Soviet secrets to China's Domination and …from Baseball Bats to Satellites & F-35 Air-Fortresses)

North America Needs to Develop its Own Resources

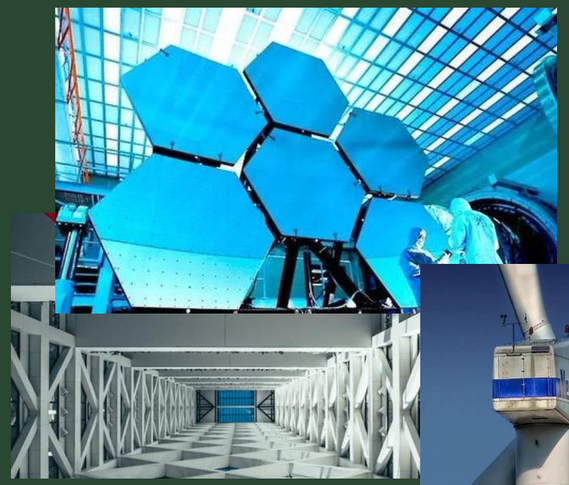
Scandium has green-energy technologies applications, but additionally it is the most effective known microalloying element that can strengthen aluminium, while also offering improved flexibility, resistance to heat and corrosion, and lighter weight, therefore Scandium finds applications in the space, military and civilian aviation industries.

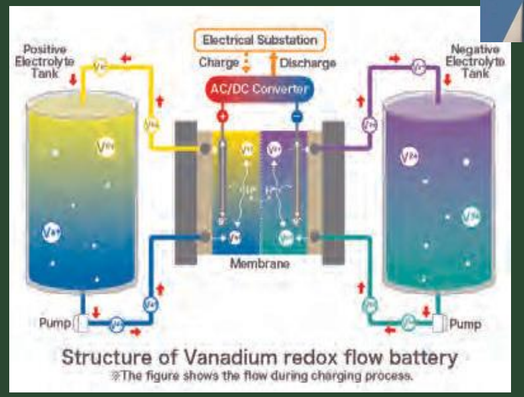
Figure 1. Aluminum Scandium Master Alloys

Sc: 90%+ Come from China/Russia

WHY VANADIUM? (Storage of massiv amounts of energy)

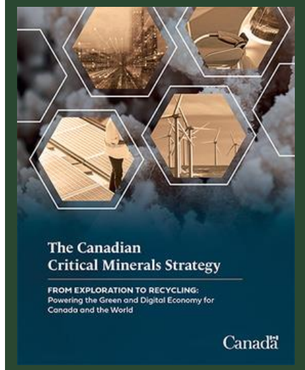
Emerging Battery technology: Vanadium Redox Flow Batteries (VRFB's) to consume over 70% of vanadium demand by 2040. Vanadium is used in many industries and applications, from automobiles, power generation, and hand tools, to ships, industrial tools and airplanes.





Structure of Vanadium redox flow battery
※The figure shows the flow during charging process.

Vanadium Redox Flow Batteries (VRFBs)



The Global Silica Supply Shortage

PANDEMIC & WARS

Pandemic induced production cuts in world's biggest producer, China.

Proxy wars and current global affairs have created more supply “bottlenecks”

CHIP SHORTAGE

Severe shortage impacting almost every electronic device.

Expected sustained long term demand growth for semiconductors.

SUPPLY CHAIN CONSTRAINTS

Supply chain disruptions create a destructive mix for consumers globally.

Combined with stockpiling activities, results in the scramble for new supply lines.

LIMITED ACCESS TO PRODUCERS

Limited access to previous leading producers for the foreseeable future.

Sanctions due to labor concerns in China and military action by Russia.

CORPORATE PRESSURE

Many major global firms have seen production losses due to shortage.

Driven by Apple, Tesla and Ford to resolve production shut downs.

CONSUMERS CHALLENGES

Consumers paying premiums and waiting longer to get product.

150x increase in semiconductor prices, with 6x longer production time.

LAKE OWEN PROJECT

A New Scandium and Vanadium Discovery

Location: 50Km Southwest of Laramie, Wyoming, USA.
Size: 185 unpatented lode mining claims (1433 hectares).

Geology: Proterozoic Lake Owen mafic to ultramafic layered intrusive complex with rich vanadium, scandium and titanium deposits.

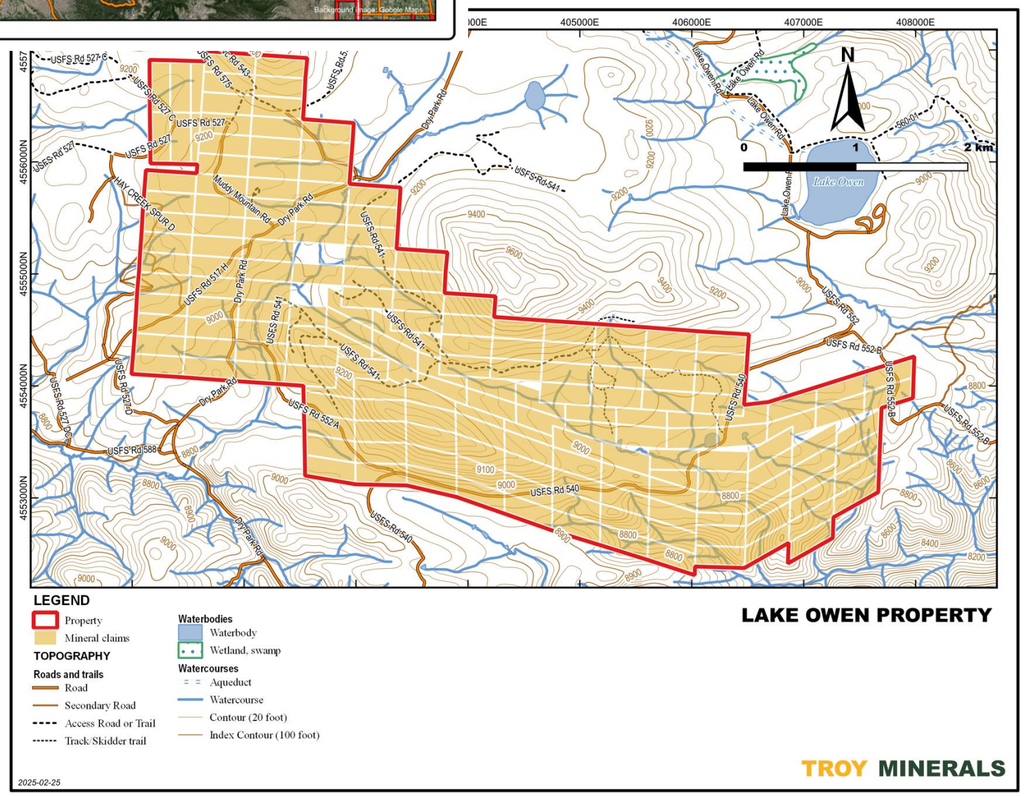
Resource Potential: Large potential of Scandium (a REE metal), semi-massive to massive titanomagnetite with V_2O_5 and Ti_2O. The tops of cumulates (Reefs) has anomalous PGE +- Au. Stillwater PGE Reef potential. Basal zones offer massive sulfide potential.

Project Highlights:

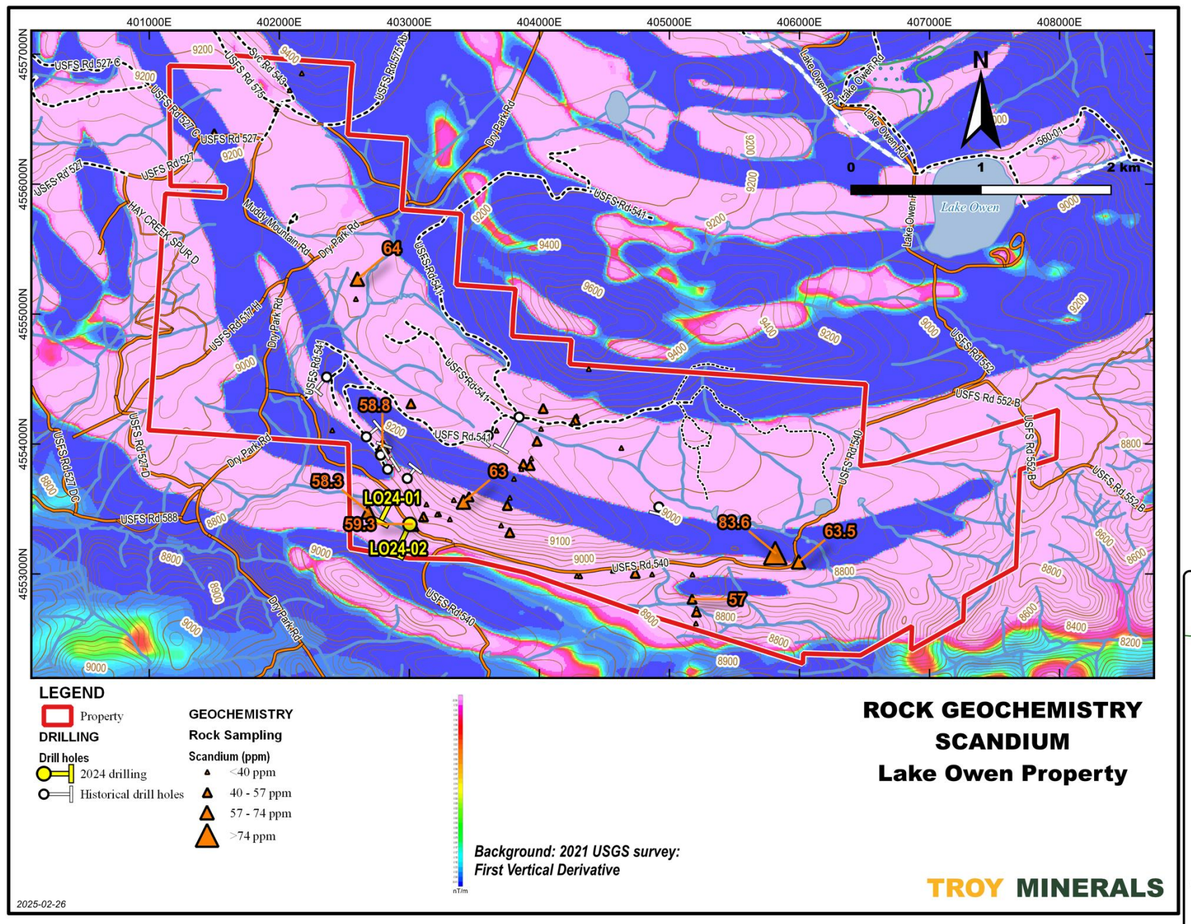
- Potential **Scandium, Titanium and Vanadium deposits**. Full area-play target. Potential PGE (Platinum Group Elements)-bearing sulfide layers.
- Potential basal massive sulfide accumulations **similar to the Mount Deposit in the Stillwater Complex**.

Strategic Importance: Aligns with US efforts to increase independence for green metals required in the energy transition.

Partnerships: Benefiting from the US Geological Survey's "Large-scale Earth MRI" program, providing valuable geological insights and cost savings.

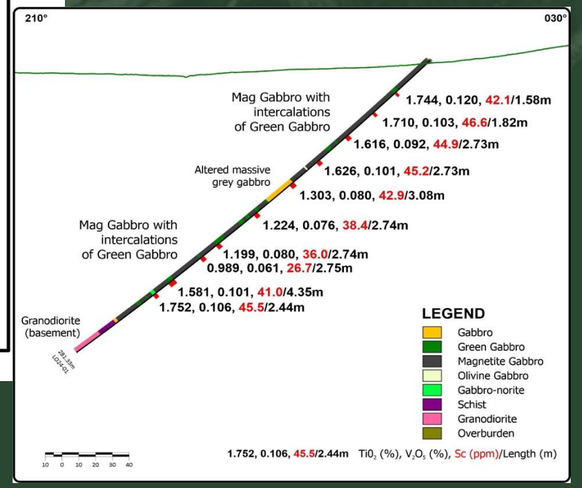


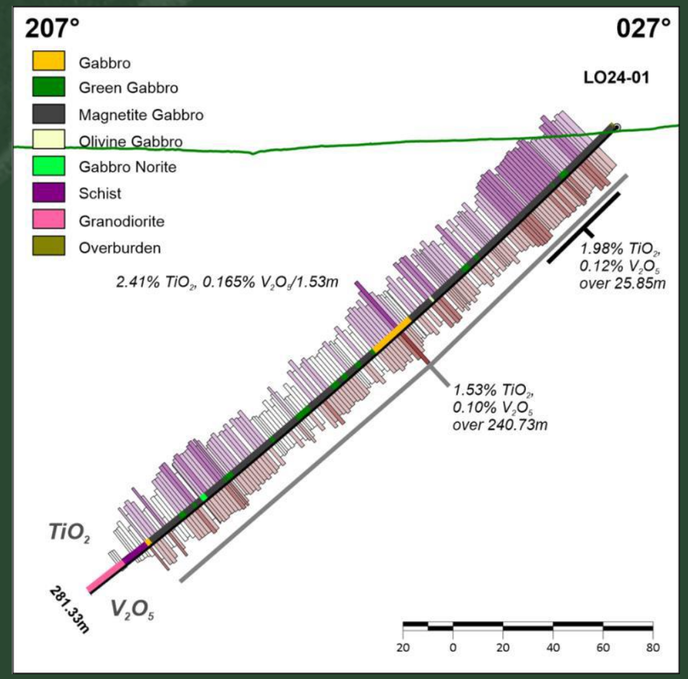
LAKE OWEN PROJECT (Recent DDH Results)



- The two DDH holes at the Lake Owen Project targeted titanium (TiO_2) and vanadium (V_2O_5) mineralization associated with magnetite in gabbro, as well as potential reef style PGE mineralization.
- First Hole Drilled, L024.01: **240.73 continuous meters almost from surface**, including:

  _1.53% TiO2
  _0.10% V2O3 (Vanadium)
  _16.0% Fe (total Iron, mainly in Fe Oxides)
  _69.7 ppm (or g/t) Sc2O3 (Scandium)
  _26.2 ppm (or g/t) Ga2O3 (Gallium)





TSAGAAN ZALAA PROJECT

Mining License Approved in September 2025

Received in October 2025

Location & Strategic Importance: In Mongolia, near the China-Mongolia border, strategically positioned next to major high-purity silica-consuming countries. Reduced transportation costs and supply chain logistics to major demand markets (China, Korea, Japan)

Size: Significant landholding with high-purity silica deposits.
Geology: Rich deposits ideal for advanced technological applications.
Resource Potential: Exceptional silica grades above 99%.

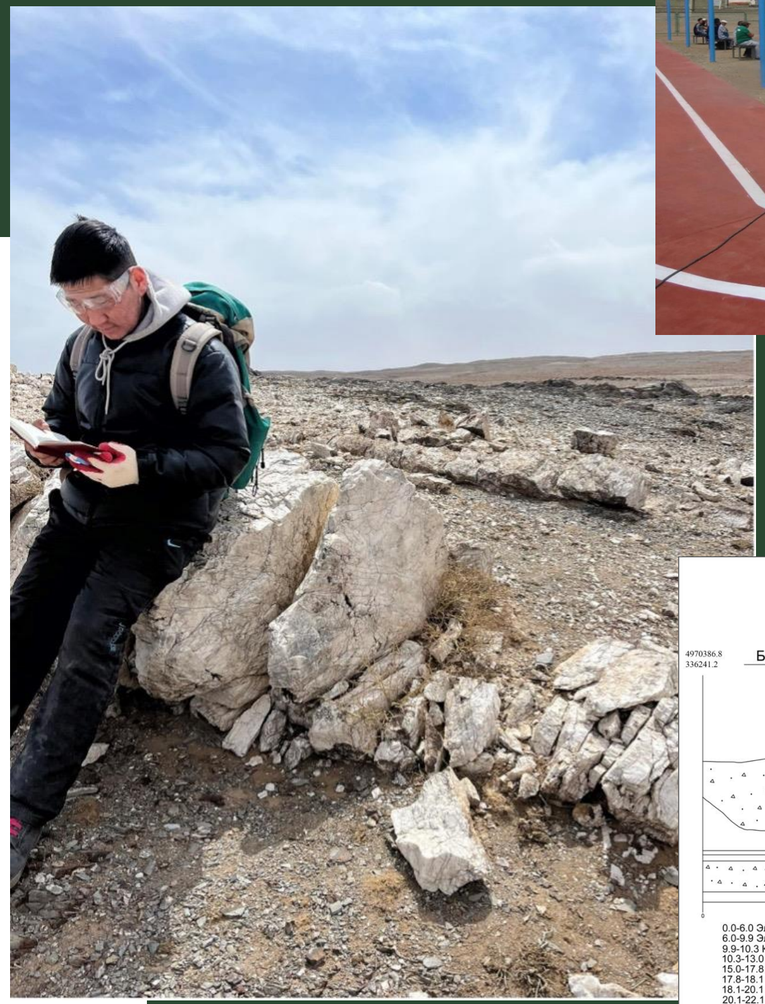
Project Highlights:

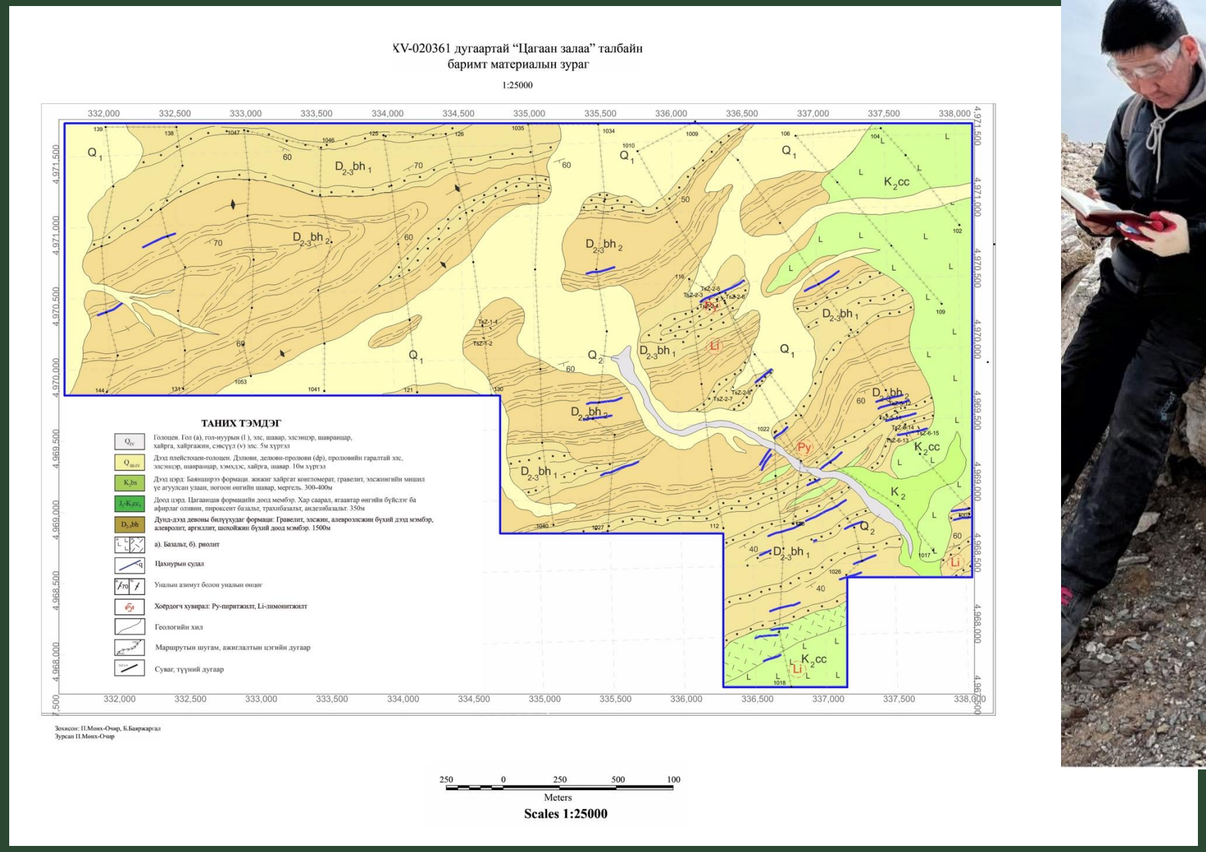
- Minimal overburden and low strip ratio, making extraction cost-effective
- Expected production to start in H1 2025.
- Delivered a Mining License Application in Feb 2025.
- **In September 2025, the Mining License was Approved** by a 15-members independent Council, set by the Ministry of Industry & Mineral Resources
- **The Mining License was Received in October 2025**
- Currently completing several tasks to deliver the Mine Operating Permit.
- Current Off-take discussions

Partnerships: Supported by local and international strategic partnerships to facilitate development and production.

Tsagaan Zalaa

- Application for a full Mining Licence submitted in February 2025
- Govt of Mongolia **granted the Mining License in September 2025.**
- Active support of local Communities





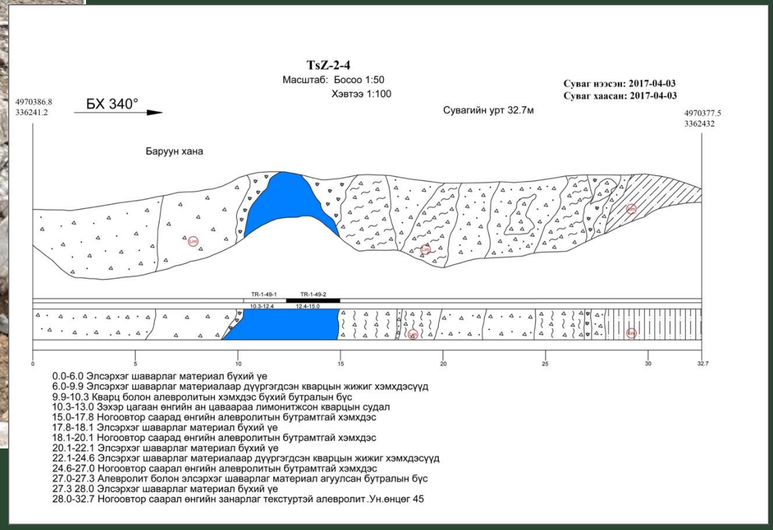


TABLE MOUNTAIN PROJECT

NI-43101 MRE Announced in 2025

Location: 8km east of Golden, BC Canada.

Size: 2,304 hectares with accessible infrastructure including roads, power, railway and natural gas.

Geology: High-grade silica in quartzites with minimal overburden.

Resource Potential: High-purity silica ideal for solar panels, electronics, and high-performance glass.

Project Highlights:

- Targeted production start by late 2026, early 2027.
- Quick permitting process and environmentally friendly mining practices.
- Significant market potential due to increasing demand for high-purity silica in North American markets.

Strategic Importance: Positioned to serve North American markets, reducing dependency on imports and enhancing supply chain reliability.

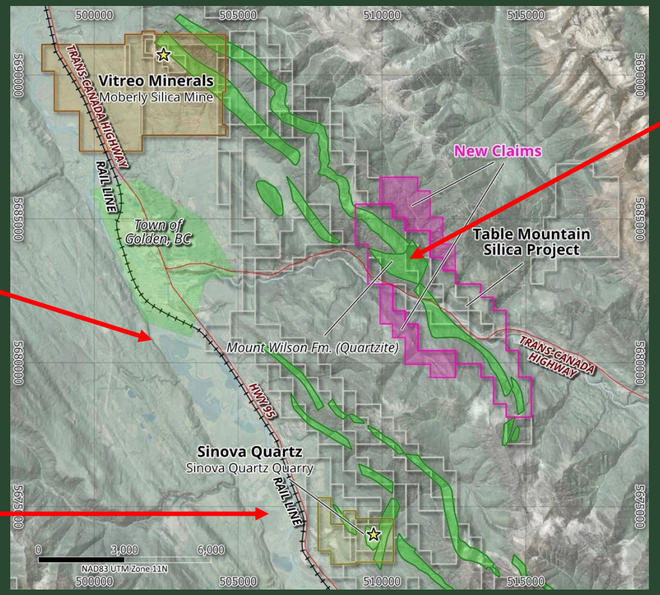
Infrastructure: Trans-Canada Highway transects the Property, 6km from CPKC railyard.

Partnerships: Collaboration with local and regional authorities to ensure efficient project development and production.

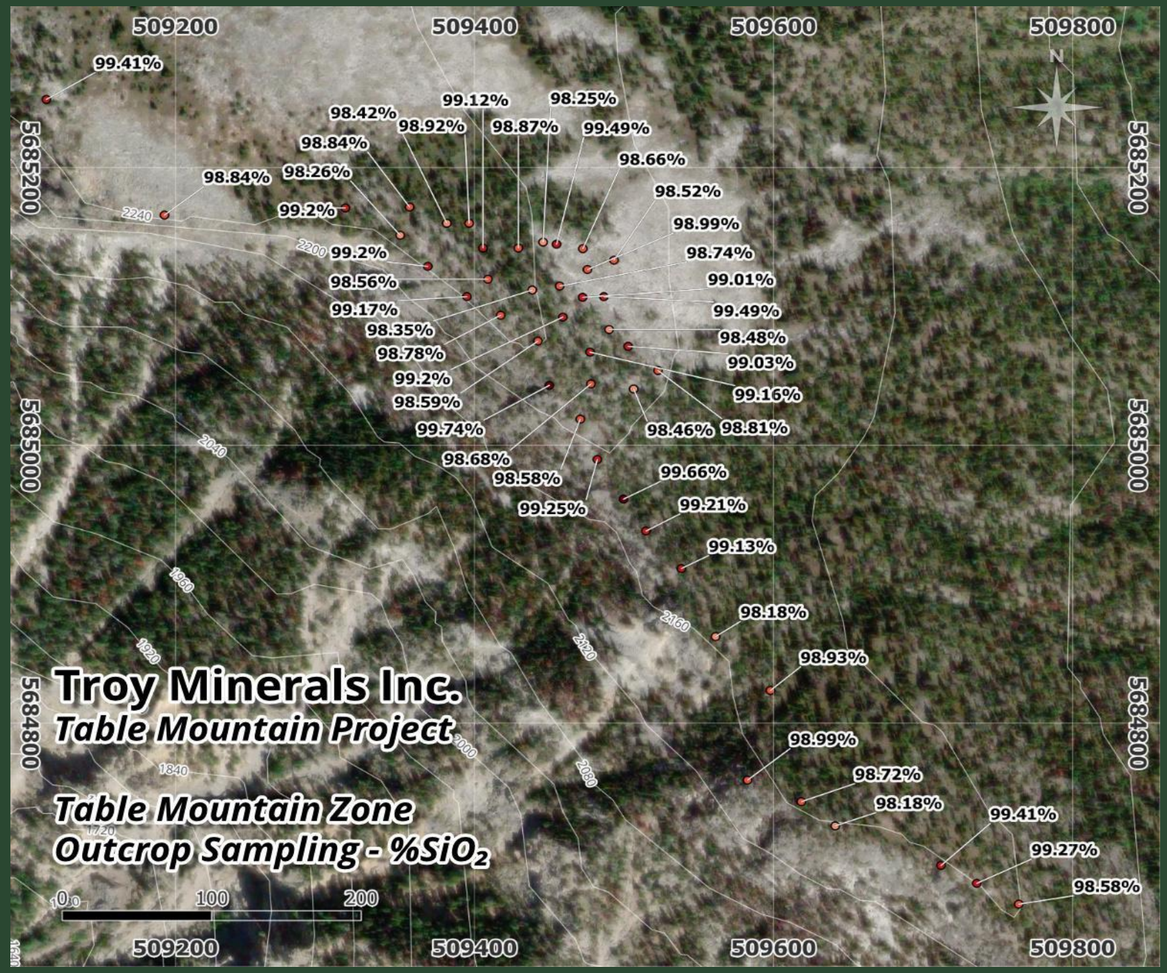
TABLE MOUNTAIN PROJECT (Recent Sampling Results)

Proximity to Important Infrastructure in BC (Main Canadian Highway, Railway, Town)

Sinova Global
(rel: Sir Mick Davis, Chairman, ex-Xstrata founder)



TROY



- Three distinct zones of high-purity silica mineralization identified within the Mount Wilson Quartzite Formation.
- **NI-43101 Mineral Resource Estimate** (announced & filed in 2025)

Zone	Category	Tonnage (t)	Grade (% SiO_2)
Table Mountain	Inferred	**56,945,602**	**98.91**

- Overall analytical sampling results range from 95.82% to 99.82% SiO_2
- Very low deleterious elements identified in all samples.

RANA VIG

CEO, Director

A TRACK RECORD OF SUCCESS

RANA HAS REPEATEDLY DELIVERED SHAREHOLDER VALUE

Dome Mountain Mine:

- High-grade gold-silver project with significant exploration potential.
- Actively developed by Blue Lagoon Resources.
- Proven historical production.

Harvest Health & Recreation:

- Led the restructuring of Rockbridge Resources.
- Acquired Harvest Health & Recreation through a $2 billion-plus reverse takeover.
- Included a $300 million financing, the third-largest cannabis financing in 2018.

Curaleaf Holdings Inc.:

- Executed a $5 billion-plus reverse takeover in 2018.
- Included a $520 million financing round.
- Marked the largest Canadian cannabis financing at the time.

Crescat Capital Financing:

- Led a $5.7 million financing round for Blue Lagoon Resources.
- Demonstrates strong investor confidence in the company's projects and management.

Blue Lagoon Resources:

- Dome Mountain Mine: Securing a mining permit, with a production starting imminently (July 2025) at this high-grade gold/silver mine.
- Strategic Leadership: Under Rana Vig's guidance, the company is on track to unlock substantial value for shareholders.

Leadership Commitment:

Significant Stakeholder: Rana Vig holds 7,094,750 shares, representing 11.3% of Troy Minerals.

His substantial investment reflects strong confidence in the company's future prospects.

A TRACK RECORD OF OPERATIONAL EXCELLENCE

A PROFESSIONAL WITH STRONG INDUSTRY EXPERIENCE

Deep Technical & Management Knowledge:

- In excess of 35 years experience in the mining industry
- Physicist – Geophysicist (MSc), business development, finance and management, corporate and leadership positions
- 19 years with the BHP-Billiton Group, the biggest mining corporation in the world, inclusive of 8 years as New Business Investment Manager for the Global Mineral Exploration Team with a global reach.
- Has done work on 11 different commodities
- Has been part of numerous Board of Directors, currently sitting on 5 Boards as Independent Director and/or Chair of Audit & Corporate Governance committees

Global Network & Risk Management:

- Done mineral exploration, project execution, negotiations, development and finance in 32 countries in all continents, lived in 5 countries, speaking 3 languages.
- Has negotiated and executed in excess of 60 exploration and mining agreements with juniors majors and state corporations. Has raised in excess of $175M in juniors financings
- Expert in risk management and project financial modelling/analysis in foreign jurisdictions
- Strong advocate in anti-corruption policies in the mining industry, has written and published articles in exploration and mining magazines and publications.

Success Record – Delivering Discoveries & Mines:

- Within BHP, he has been part of two major discovery teams (now 3 active mines) in copper and nickel (Ecuador and Australia)
- Within the junior venture capital industry, he has delivered two discoveries (one an existing mine, one in development) in gold and industrial minerals (Guyana).

Yannis Tsitos

President

Leadership Commitment:

Significant Stakeholder: Yannis Tsitos holds 2,000,000 shares, representing 3.23% of Troy Minerals.

His investment in Troy directly represents a strong understanding of the quality of Troy's projects and the company's overarching objective of a near-term producing entity.

MEET OUR BOARD

Rana Vig, Director & CEO

Key roles in publicly traded companies, including Continental Precious Metals. Currently bringing to production the Dome Mountain Gold Mine in BC with Blue Lagoon Resources, driving growth and success

Norman Brewster, Director

Deep experience in mining industry from technical to financing roles. Developed the Aquas Tenidas Mine, Spain, Acquisition of Iberian Minerals by Trafigura ($498M)

Gurdeep Bains, Director

CPA with significant experience in auditing and assurance services. Leadership & executive roles with various entities, including KPMG, Zennabis, Canaccord, OK Tires

Regina Lara Yunes, CPA, CFO

Professional accountant with experience in both private and public trading companies in Canada

OUR TECHNICAL TEAM PARTNERS

Mine+ Group LLC

- $2.5B in projects across the world, including Skeena Resources, West Red Lake Gold, Masada, Alpha HPA, and many more.
- A track record of having successfully developed 20+ mines for outsized investor returns.
- A full in-house team of experts covering all aspects of exploration, mine development, engineering and production.

ClaimHunt Inc.

- Over 14 years on professional geological services, prospecting and mine site development globally.
- Extensive BC geological experience.

THE TECHNICAL TEAM HAS SKIN IN THE GAME, BEING PAID IN CASH AND EQUITY

INVESTMENT OPPORTUNITY

Invest in Troy Minerals for its high- quality assets, its envisaged strategic transition to production, robust acquisitions, high-growth market potential, and a team with an impressive track record.

Shares Issued & Outstanding	85,205,806
Warrants	19,299,406 Incl. Special Warrants based on milestones
Options & RSUs	7,490,000
Shares Fully Diluted	112,998,212
Market Capitalization	$11-12M

CONTACT US

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CSE: TROY **OTC**: TROYF **FSE**: VJE