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ASX Announcement

20 May 2026

Nova CEO to present at the 2026 Alaska Sustainable Energy Conference

Nova Minerals Limited (Nova or the Company) (ASX: NVA, Nasdaq: NVA, FSE: QM3) is pleased to advise that Chief Executive Officer, Mr. Christopher Gerteisen, will attend and present at the Alaska Sustainable Energy Conference (ASEC).

ASEC is a premier Alaskan energy and resources gathering, bringing together senior government officials, industry executives, and leading researchers to advance dialogue on energy security, resource development, and sustainable infrastructure across the state and broader region. The conference will be held in Anchorage, Alaska, from 19 - 21 May 2026. Further details on the conference can be found here.

Mr. Gerteisen will join a distinguished speaker program that includes, among others:

- Doug Burgum, Secretary of the U.S. Department of the Interior and Chairman, National Energy Dominance Council
- Mike Dunleavy, State of Alaska Governor
- Nancy Dahlstrom, Lieutenant Governor, State of Alaska
- John Crowther, Commissioner, Alaska Department of Natural Resources
- Audrey Robertson, Assistant Secretary of Energy, U.S. Department of Energy, Office of Critical Minerals and Energy Innovation
- Randy Ruaro, Executive Director, Alaska Industrial Development and Export Authority (AIDEA)
- Lee Ann Munk, Director, Alaska Critical Minerals Collaborative, University of Alaska Fairbanks

ASEC provides a valuable platform for Nova to further strengthen relationships with government, industry, and community leaders as the Company progresses the Alaska-based Estelle Gold and Critical Minerals Project toward production.

A copy of Mr. Gerteisen's presentation is appended to this announcement.

This announcement has been authorized for release by the Executive Directors.

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About Nova Minerals Limited

Nova Minerals Limited is advancing one of the world's largest undeveloped gold deposits into production and securing a U.S. domestic supply of the critical mineral antimony. The Company is focused on the exploration and development of the Estelle Gold and Critical Minerals Project, located in Alaska, a tier-one mining jurisdiction.

Estelle hosts two defined multi-million-ounce gold resources, and more than 20 prospects distributed along a 35-kilometre mineralised trend, in the prolific Tintina Gold Belt, a province which hosts a >220 million ounce (Moz) documented gold endowment and some of the world's largest gold mines and discoveries including, Kinross Gold Corporation's Fort Knox Gold Mine. In parallel, Nova is advancing its critical minerals strategy, fully funded by a US$43.4 million U.S. Department of War award to develop a domestic antimony supply chain, targeted for production in late 2026/2027.



MAY 2026

Securing U.S. domestic antimony supply based in Alaska

Alaska Sustainable Energy Conference

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General

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Forward Looking Statements

This document ***may*** contain forward looking statements concerning the Company***. Any such*** forward-looking statements are not statements of historical fact, and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes. Forward looking statements in this document are based on the Company's beliefs, opinions and estimates of the Company as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments. Although management believes that the assumptions made by the Company and the expectations represented by such information are reasonable, there can be no assurance that the forward-looking information will prove to be accurate.

Forward-looking information involves known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, the actual market price of commodities, the actual results of future exploration, changes in project parameters as plans continue to be evaluated, as well as those factors disclosed in the Company's publicly filed documents.

Readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws. No representation, warranty or undertaking, express or implied, is given or made by the Company that the occurrence of the events expressed or implied in any forward-looking statements in this presentation will actually occur.

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JORC Code

It is a requirement of the ASX Listing Rules that the reporting of ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC Code). Investors outside Australia should note that while ore reserve and mineral resource estimates of the Company in this document comply with the JORC Code (such JORC Code-compliant ore reserves and mineral resources being "Ore Reserves" and "Mineral Resources" respectively), unless stated otherwise, they may not comply with the relevant guidelines in other countries and, in particular, may not comply with (i) National Instrument 43-101 (Standards of Disclosure for Mineral Projects) of the Canadian Securities Administrators (the "Canadian NI 43-101 Standards"); or (ii) Item 1300 of Regulation S-K, which governs disclosures of mineral reserves in registration statements filed with the SEC. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

Compliance Statements

This Presentation contains references to Mineral Resource Estimates extracted from the Company's ASX announcements dated 11 April 2023, titled "Estelle Global Gold MRE Increases to 9.9 Moz Au", and dated 16 April 2024, titled "Mineral Resource Estimate for US Listing" (refer Appendix 1) – ***Mr Jonathan Abbott***. References in this presentation to exploration results have been extracted from the Company's ASX announcements as noted on the relevant pages of this presentation. Nova confirms that it is not aware of any new information or data that materially affects the information included in the original announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements. The exploration results referred to in this Presentation are taken from prior ASX releases which are set out in the annotations, all of which are available at www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The form and context in which the competent person's findings are presented have not been materially modified.

Investment Risk

There are a number of risks specific to the Company and of a general nature which may affect the future operating and financial performance of the Company and the value of an investment in the Company, including and not limited to the Company's capital requirements, the potential for shareholders to be diluted, risks associated with the reporting of resources estimates, budget risks, risks associated with the COVID-19 pandemic and operational risk. An investment in Shares is subject to known and unknown risks, some of which are beyond the control of the Company. The Company does not guarantee any particular rate of return or the performance of the Company.

Financial Data

All dollar values are in Australian dollars (A$ or AUD) unless otherwise stated. The information contained in this Presentation may not necessarily be in statutory format. Amounts, totals and change percentages are calculated on whole numbers and not the rounded amounts presented.

This announcement has been authorized for release by the executive directors.

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Forward Looking Statements

All statements in this presentation, other than those relating to historical facts, are “forward-looking statements.” These forward-looking statements may include, but are not limited to, statements relating to our objectives, plans, and strategies; statements that contain projections of results of operations or of financial condition; statements relating to the industry and government policies and regulations relating to our industry; and all statements (other than statements of historical facts) that address activities, events, or developments that we intend, expect, protect, believe, or anticipate will or may occur in the future. Forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties. We have based these forward -looking statements on assumptions and assessments made by our management in light of their experience and their perception of historical trends, current conditions, expected future developments, and other factors they believe to be appropriate. Important factors that could cause actual results, developments, and business decisions to differ materially from those anticipated in these forward-looking statements include, among other things: the overall global economic environment; general market, political, and economic conditions in the countries in which we operate; projected capital expenditures and liquidity; changes in our strategy; government regulations and approvals; expectations regarding the potential mineralization, geological merit and economic feasibility of our property; expectations regarding exploration results at our property; mineral exploration and exploration program cost estimates; expectations regarding any environmental issues that may affect planned or future exploration programs and the potential impact of complying with existing and proposed environmental laws and regulations; receipt and timing of exploration permits and other third-party approvals; and government regulation of mineral exploration and development operations . The Company has filed a preliminary prospectus supplement on Form F-3, as may be amended (Registration No.: 333-292084). Before you Invest, you should carefully read the registration statement, including the factors described in the “Risk Factors” section of the Registration Statement and other documents that we have filed, and will subsequently file, with the Securities and Exchange Commission to better understand the risks and uncertainties inherent in our business and industry and for more complete information about us and the offering. You may get these documents for free by visiting EDGAR on the Commission’s website at wvvw.sec.gov. We caution you that forward-looking statements are not guarantees of future performance and that our actual results of operations, financial condition and liquidity, and the development of the industry in which we operate may differ materially from the forward-looking statements contained in this presentation as a result of, among other factors, the factors referenced in the “Risk Factors” section of the Registration Statement. In addition, even if our results of operations, financial condition and liquidity, and the development of the industry in which we operate are consistent with the forward-looking statements contained in this presentation, they may not be predictive of results or developments in future periods. This presentation shall not constitute an offer to sell or the solicitation of an offer to sell or the solicitation of an offer to buy any of our securities nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. Any offering of securities can only be made in compliance with applicable securities laws.

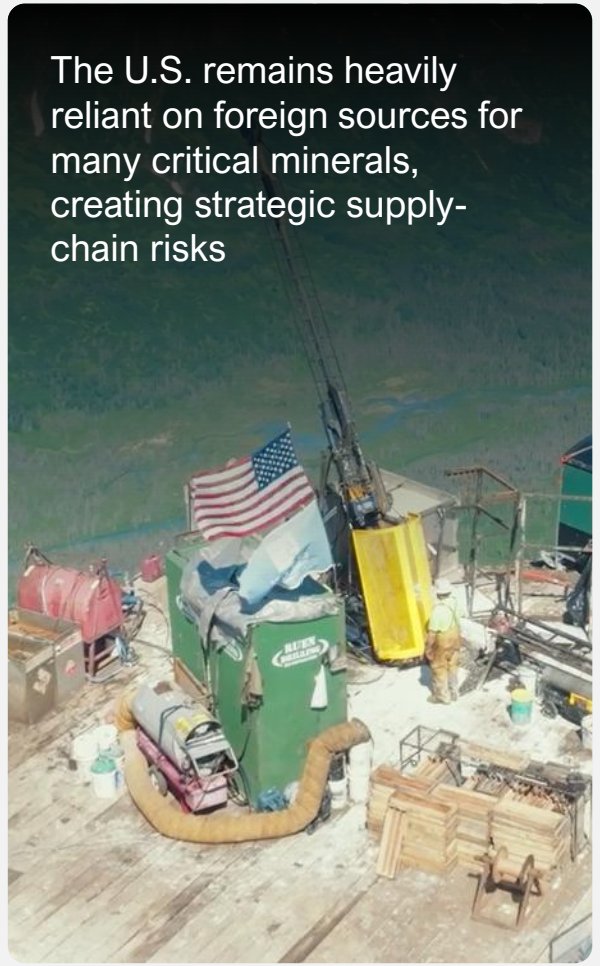
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U.S. Critical Minerals Net Import Reliance

USGS mineral commodity summaries report 2025 – selected minerals

Commodity	Net Import Reliance as a % of Apparent Consumption	Major Import Sources (2021-2024)
Arsenic	100%	**China**, Malaysia, Morocco
Cesium	100%	**China**, Germany
Gallium	100%	**China**, Germany, Japan, Canada
Graphite	100%	**China**, Mexico, Canada, Mozambique
Indium	100%	Republic of Korea, Canada, **China**, Japan
Manganese	100%	Gabon, South Africa, Australia, Malaysia
Niobium	100%	Brazil, Canada
Rubidium	100%	Germany, **China**, **Russia**
Scandium	100%	**China**, Japan
Strontium	100%	Mexico, Germany, **China**
Tantalum	100%	**China**, Germany, Australia, Indonesia
Yttrium	100%	**China**, Germany, Republic of Korea, Austria
Titanium	100%	Japan, Kazakhstan, Saudi Arabia
Bismuth	92%	**China**, Republic of Korea, Germany
Antimony	91%	**China**, Belgium, Thailand, India
Platinum	89%	South Africa, Belgium, Germany, Italy
Chromium	79%	South Africa, Kazakhstan, Finland, Canada
Cobalt	79%	Norway, Canada, Finland, Japan
Tin	77%	Peru, Indonesia, Bolivia, Brazil
Silver	77%	Mexico, Canada, Chile, Turkey
Rhenium	75%	Chile, Canada, Germany, Poland
Barite	75%	**China**, India, Morocco, Mexico
Magnesium	75%	Israel, Canada, Turkey, Czechia
Zinc	73%	Canada, Mexico, Peru, Republic of Korea
Rare Earths	67%	**China**, Malaysia, Estonia, Japan
Copper	57%	Chile, Canada, Peru, Mexico
Palladium	57%	South Africa, **Russia**, Belgium, Canada
Lithium	50%	Chile, Argentina
Germanium	50%	Belgium, **China**, Canada, Germany
Selenium	50%	Philippines, Mexico, Chile, Poland
Tungsten	50%	**China**, Germany, Bolivia, Vietnam
Silicon	50%	Brazil, Canada, **Russia**, Malaysia
Nickel	41%	Canada, Norway, Australia, Brazil
Vanadium	41%	Canada, Brazil, South Africa, Austria
Lead	33%	Canada, Republic of Korea, Mexico, Australia
Zirconium	25%	South Africa, Senegal, Australia
Tellurium	25%	Canada, Philippines, Japan, Germany
Cadmium	25%	**China**, Germany, Australia, Peru

The U.S. remains heavily reliant on foreign sources for many critical minerals, creating strategic supply-chain risks



SOURCE: USGS

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The Estelle Project

Highly Elevated Critical Minerals Concentrations

Critical Elements (Estelle Project)	Symbol	Earth Average (ppm)	Estelle Maximum (ppm)*	World Production (%)**		World Reserves (Kt)**		Uses
				USA	China/Russia	USA	China/Russia	
Antimony	Sb	0.2	605,000	0	85	60	700	Micro-electronics, munitions, flame retardants, batteries, communications
Gallium	Ga	19	61	0	99	0	760	High current semi conductors, rapid batteries charging systems, optoelectronics, nuclear devise alloys
Indium	In	0.25	60	0	60	NA	NA	Semiconductors, electrical components, LCDs
Arsenic	As	2	>10,000	0	45	NA	NA	High band gap semiconductors
Yttrium	Y	33	>500	0	90	NA	NA	Lasers, electronics, phosphors, gas turbine and jet engine hot section protective coatings, fuel cells
Cobalt	Co	25	9,110	<1	6	69	390	Batteries, high performance engine components, super alloys, high temperature corrosion resistance
Manganese	Mn	950	21,900	0	5	0	280	Batteries, steel alloys
Scandium	Sc	22	156	W	55	0	NA	Light weight high performance alloys for fighter aircraft, long range ballistic projectiles, specialty alloys,
Tungsten	W	1.3	>10,000	0	90	NA	2,100	Armor piercing projectiles, tools, specialty alloys, arrmor, wear resistant coatings
Zinc	Zn	70	166,500	6	35	7	53	Corrosion protection, batteries
Lanthanum	La	39	1,480	15	70	2300	65,000	Batteries, specialty optics
Strontium	Sr	370	1,550	0	25	NA	16,000	Kenetics, pyrotechnics, signals, remote power sources
Barium	Ba	425	9,870	W	30	NA	50	Kinetics, drilling
Rubidium	Rb	90	322	0	NA	0	NA	Lasers, atomic clocks, telecom electronics, pyrotechnics, biomedical
Tellurium	Te	0.001	444	W	65	4	8	Solar cells, thermoelectrics, specialty alloys
Bismuth	Bi	0.009	>10,000	0	80	NA	NA	Chemicals, pharmaceuticals, glass/ceramics
Copper	Cu	60	100,500	4	50	44	89	Electronic system components, control system components, construction, electricals, transportation, industrial machinery
Silver	Ag	0.075	2,720	4	20	23	116	Electricals, photovoltaics, solar cell system, optics
Gold	Au	0.004	1,290	5	20	3	9	Electronics

* Source ALS laboratory analysis ICP_MS61 , Dataset includes 1844 rock and soil exploration samples across Estelle project area.

** Source USGS Mineral Commodity Summaries 2023

W - Information with held to avoid disclosing company proprietary data

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Antimony Uses (USGS)

The most important critical mineral you have never heard of

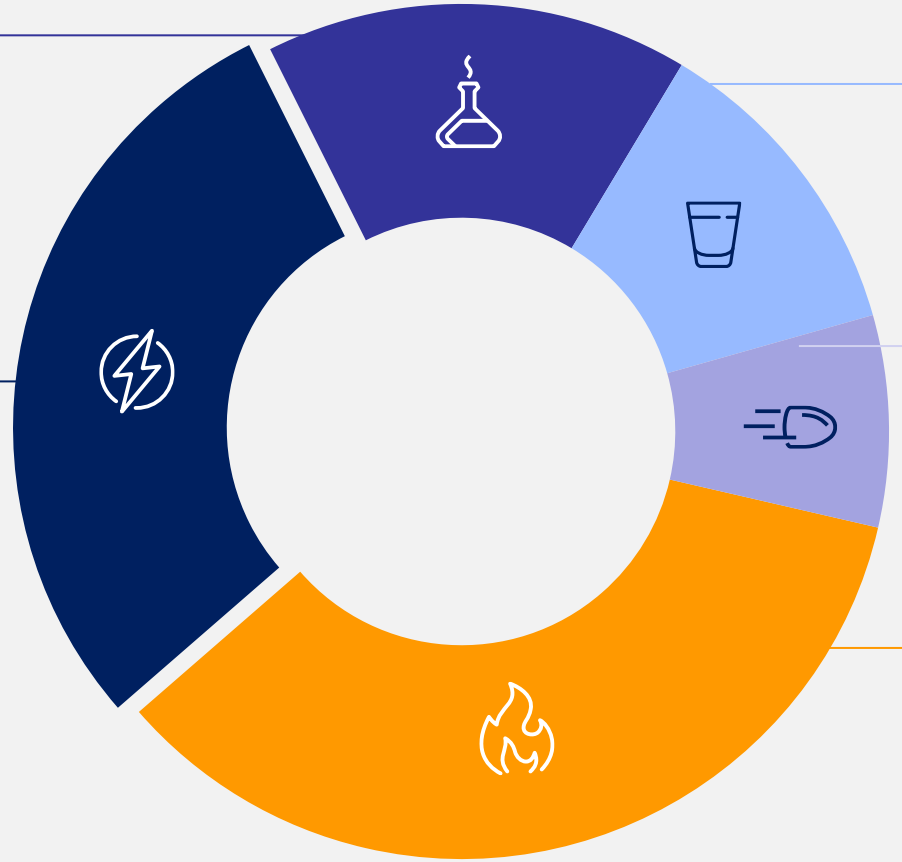
Key Properties

Heat and flame resistance

Anti-corrosion

Ability to harden and strengthen certain materials and metals

Strategic critical mineral that is used in all manner of civil and defense applications



16%
Chemicals
Paints, plastics, adhesives, mixed with alloys

29%
Energy & Transportation
Batteries, vehicles, wind turbines, solar panels

12%
Ceramic & Glass
Smart phone screens, camera lenses, binoculars, energy efficient windows

8%
Defense
Munitions, night vision goggles, explosives, communication equipment

35%
Flame Retardant
Clothing, furniture, electronics

SOURCE: USGS

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Estelle's Antimony Assets

Fully-funded to establish a U.S. domestic antimony supply chain by late 2026/2027

Key Highlights

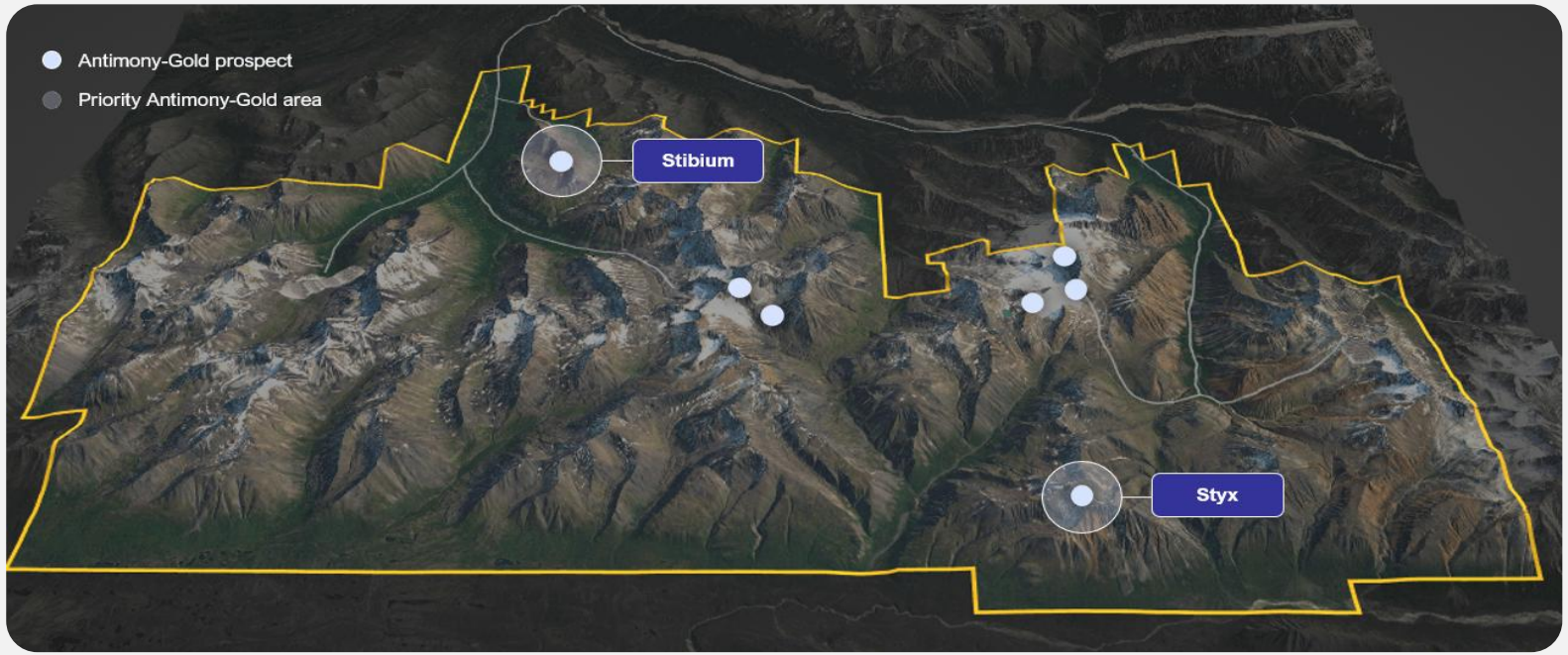
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Antimony-gold prospects

Up to 60.5% Sb
Surface outcropping, with 20+ samples > 20% Sb

US$43.4M
1 of 2 projects in the U.S. with DoW funding

2026/27
Target production

U.S Supply Security
Alaska based production hub



Core Differentiators

Commanding first-mover advantage as the sole emerging fully integrated antimony producer

With permitted land in an industrial zone, robust government support, and critical infrastructure in place for its planned Stage 1 and 2 downstream refinery at the deep-water Port MacKenzie, Nova is positioned to become a pivotal supplier in the U.S. antimony market

Sources: ASX Announcements: 10 October 2023, 5 & 11 December 2024.

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Key Antimony Prospects

High-grade antimony, massive stibnite in outcrop

Styx

High-grade antimony
9 samples > 1% Sb up to **54.1% Sb**

The main Styx occurrence is a >1m thick quartz-stibnite vein (up to 50% stibnite) with excellent outcrop exposure over 20m

Ore sorting - **132% upgrade yielding 49.1% antimony trisulfide** (Sb_2S_3)

Massive stibnite stockpiled at camp for potential near term antimony production





Stibium

High-grade antimony
12 samples > 30% Sb up to **60.5% Sb**

Surface sampling has identified an 800m long by 400m wide antimony rich zone at Stibium, which remains open

Drilling underway

Stibium access road in progress

Stibium Stand Alone Antimony-Gold Starter Mine

- Quick start up
- Low CAPEX
- Small footprint/quick permitting
- Early cashflow potential





Sources: ASX Announcements: 10 October 2023, 5 & 11 December 2024.

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Port MacKenzie – CM Processing Hub

Emerging fully integrated domestic antimony producer based in Alaska

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42.81 acres secured for downstream refinery with land permitted for a commercial operation of a U.S. Critical Minerals Production Hub

Development underway for downstream refinery at Port MacKenzie

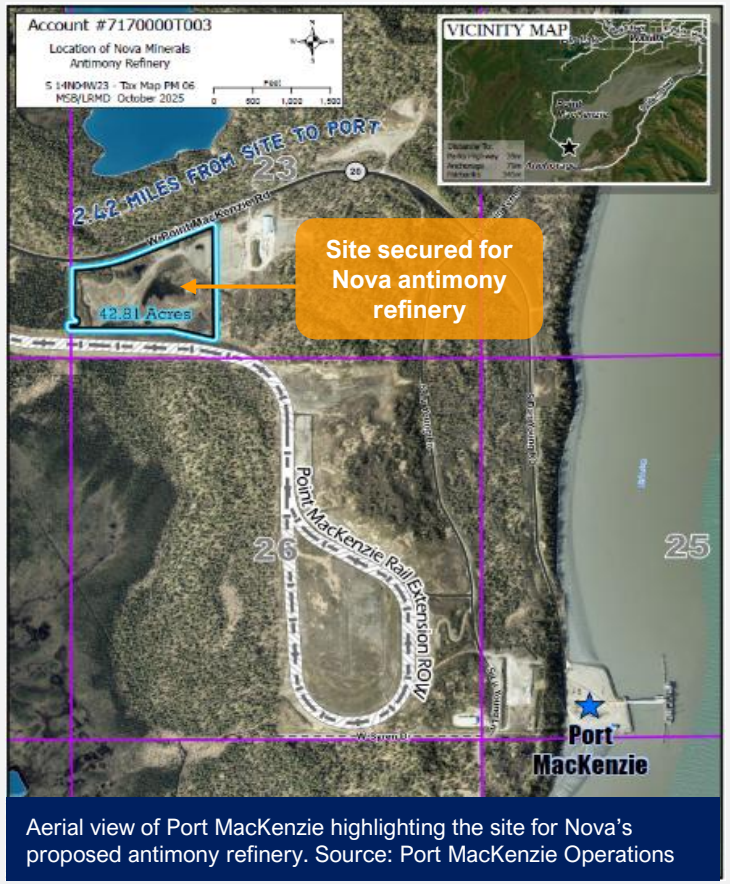
Port MacKenzie Infrastructure

Bulk commodity export facility	Site aligned with West Susitna Access Road
1,200-foot long deep-draft dock for large vessels	Proposed 32-mile rail spur
Separate 500-foot long barge dock	Onsite power



Conceptual rendering of proposed antimony refinery





Aerial view of Port MacKenzie highlighting the site for Nova's proposed antimony refinery. Source: Port MacKenzie Operations

Sources: ASX Announcements: 10 October 2025

Vertically Integrated Antimony Project

Proposed fully secured and integrated U.S. domestic antimony supply chain based in Alaska

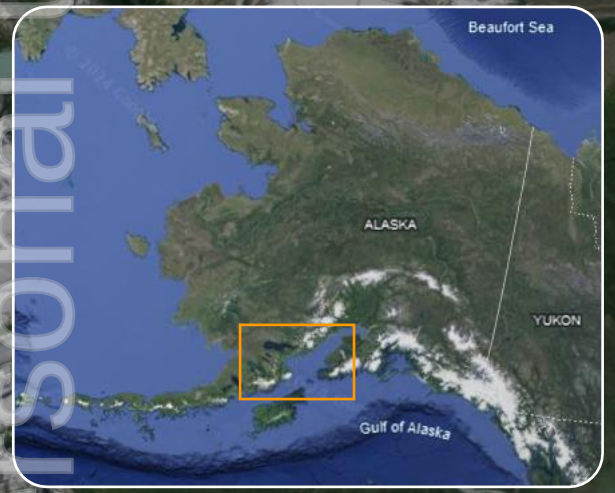
Estelle Project



Estelle Project Mines



Concentrator for Refinery Feedstock



Scale up operations to produce additional refined antimony products including trisulfide, oxide, and metal for the U.S. industrial base

Ongoing discussions with U.S. government agencies for Phase 2

Feedstock from existing mines

Feedstock from historical reclamations

Out of state feedstock

West Susitna Access Road Commencing construction in 2025



Land freight

Rail freight





Central Refinery

Port Mackenzie

Anchorage



Sea freight



Air freight

Future export potential

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Critical Minerals

Estelle's antimony will help address specific vulnerabilities in the U.S. supply chain



Factor	Current Status	Projected Impact of Estelle
Global production	China and Russia control >85% with ban on exports	Increase share of U.S. production
U.S. import reliance	Negligible domestic supply. 100% import reliant	Reduce dependencies on imports and mitigates geopolitical risks
Defense applications	100% reliant on foreign supply chains	Secure a fully integrated U.S. domestic supply chain
Price stability	Highly volatile due to Chinese exports controls	Diversified supply creates stability

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Thank You

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