ASX Announcement

9 September 2026

Nova Minerals' Marches towards Antimony Production with Arrival of Processing & Refining Equipment in Alaska

Nova Minerals Corp ("Nova Minerals" or the "Company") (NYSE American: NVA | ASX: NVA) is pleased to report the arrival of approximately 500 tons of equipment in Port MacKenzie, Alaska, to enable the construction of its planned antimony processing and refining facility.

This marks a significant milestone in the Company's efforts to establish a fully secured and integrated domestic supply chain for antimony, funded by a US$43.4 million award from the Department of War under Title III of the Defense Production Act.

The shipment included more than 40 containers and multiple oversized loads carrying crushing, ore sorting, milling, flotation and refining equipment. The barge departed Seattle on August 26, arriving in Cook Inlet on September 6.

A time lapse video of Nova's antimony processing plant equipment being unloaded at Port MacKenzie can be viewed at the link below.

The delivery of this critical processing equipment represents the culmination of six months of detailed procurement, consolidation, planning and logistics coordination undertaken by the Nova Minerals team. The delivery has advanced Nova Minerals' antimony strategy ahead of schedule, supporting its plans to develop a processing and refining facility in Alaska with production targeted for 2027.

Nova Minerals CEO, Mr. Christopher Gerteisen, commented:

"The shipment arrived ahead of schedule, which will enable us to get construction underway at speed. By acquiring and transporting modern processing and milling equipment from a recently decommissioned site in North America, rather than starting from scratch, we've been able to significantly accelerate the path to construction, and ultimately, the production of antimony. This approach has also delivered meaningful capital cost savings.

"Antimony is one of the critical minerals recognized by the Department of War as a priority for the United States. It has essential applications in defence, energy storage, and advanced electronics, which is why this project is so important to our national and economic security.

"We're proud to embark on the next phase of development and the construction of the antimony processing facility."

U.S. Congressman Nick Begich praised the effort, stating, "The arrival *of nearly 500 tons of infrastructure and refining equipment at Port MacKenzie marks an important first step toward refining antimony in the Mat-Su Valley and building a secure, fully domestic supply chain right here in Alaska,"* said Congressman Begich.

"I applaud the Department of War for recognizing the national security importance of this effort and investing in American production," he said.

"This is exactly the kind of project we need: Alaska resources, Alaska workers, and American production strengthening our national security."

Alaska State Rep. Kevin McCabe, whose district includes the areas where Nova Minerals will be operating, was delighted by the landmark occasion. *"I could not be more excited to finally see this movement on the part of Nova Minerals,*" said Rep. McCabe.

"*I have watched this project develop, have flown to the Estelle area, and I know how many jobs this will create and the stimulus it will provide to the Alaska economy. This is a fabulous stage of development, and Nova's use of Port MacKenzie demonstrates their commitment to the Valley and Alaska*."

The Port MacKenzie processing facility is designed to process stibnite-bearing material and, initially, produce antimony trisulfide as part of the U.S. Department of War project. The modular design of the facility provides flexibility to scale operations over time and potentially expand into the production of additional saleable refined antimony products, including antimony metal and antimony trioxide. This flexibility is intended to allow Nova Minerals to respond to evolving market requirements while building an integrated domestic processing capability in the United States.

The Port MacKenzie district provides a strategic location for the Company's development of a critical minerals' refinery. It affords access to a year-round deepwater port, Alaska's road and highway system, the West Susitna Access Road, and the Port MacKenzie rail spur that will connect to the Alaska Railroad mainline. These infrastructure advantages are expected to support the movement of materials and products as the project advances toward production.

Mat-Su Borough Mayor Edna DeVries noted the benefits of the project for the region and its residents. "*For some time, the Mat-Su Borough invested in the infrastructure necessary to* *position Port MacKenzie as an Alaskan industrial center. Seeing refining and processing equipment arrive at the port is evidence that those investments are paying off*," she remarked.

"*This project represents more than a shipment of equipment. It represents jobs, economic diversification, value-added resource development, and a stronger future for Alaska*", said Mayor DeVries.

Figure 1. *Barge loaded with Nova's antimony processing equipment arriving at Port MacKenzie*

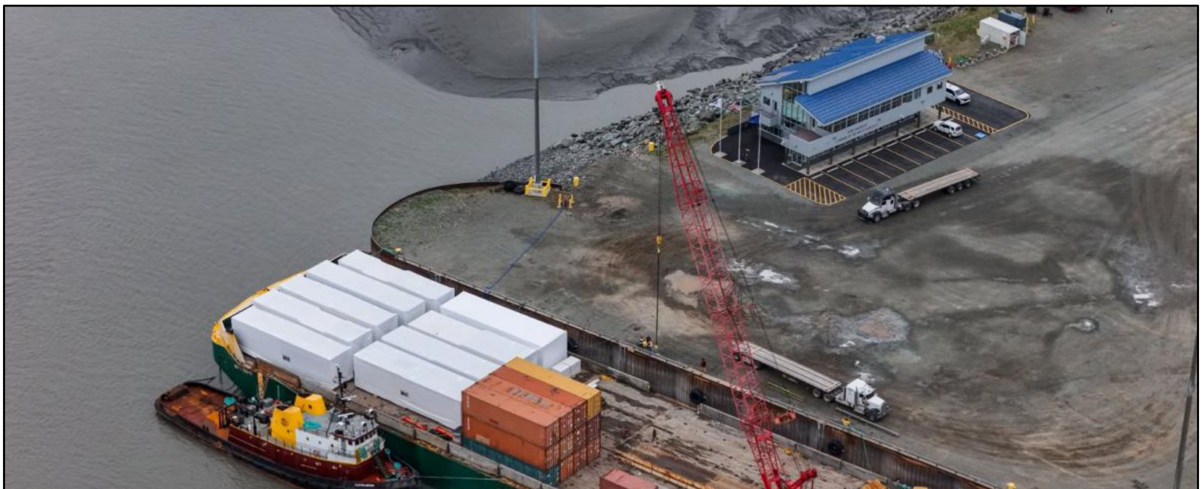

Figure 2. *Barge unloading at Port MacKenzie*

Figure 3. *40ft shipping containers loaded onto trucks for the short haul to the Nova Minerals antimony processing plant site*

Figure 4. *Aerial view of Nova Minerals antimony processing plant site which has been prepared ready for construction*

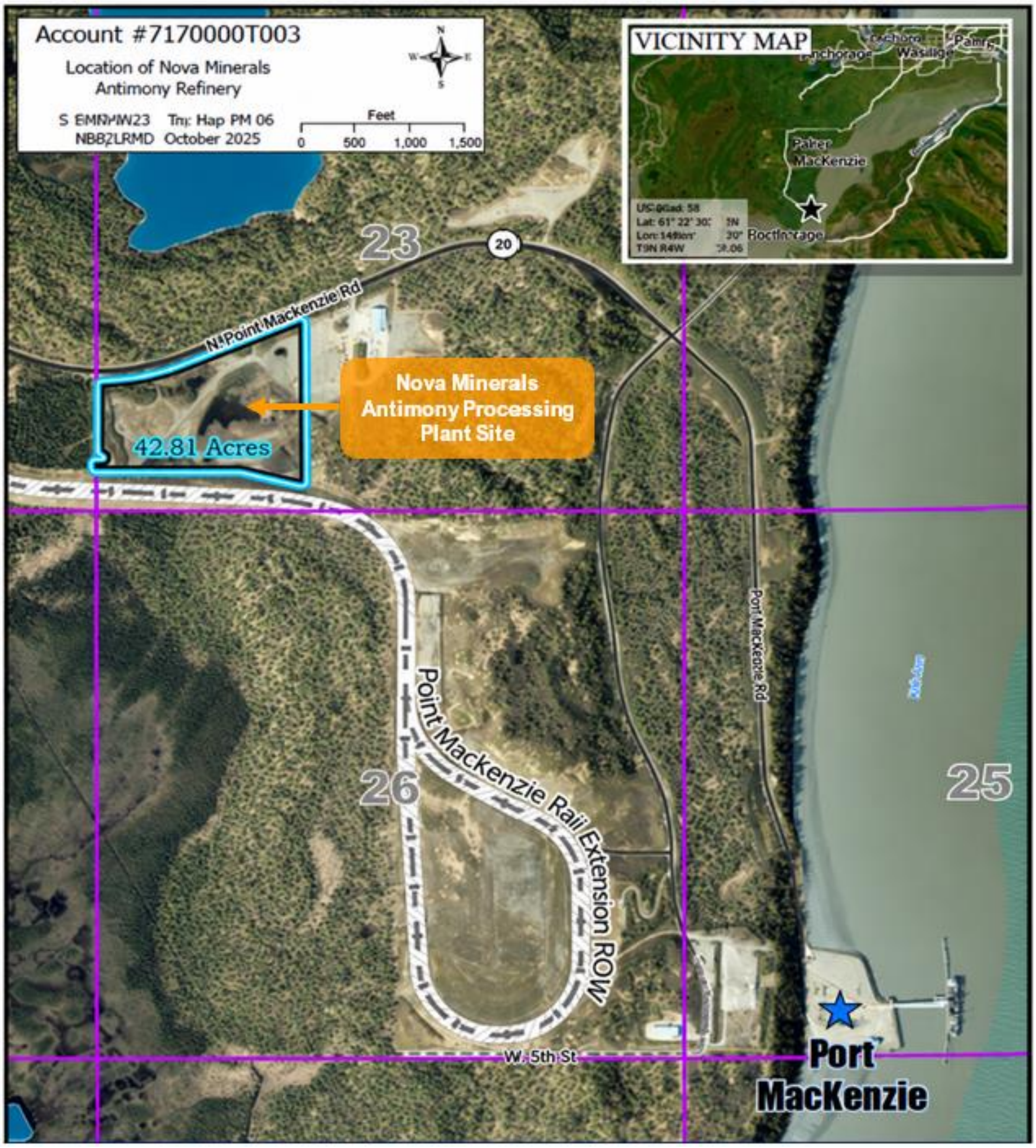

Figure 5. *Aerial view of Port MacKenzie highlighting the site for Nova's antimony processing plant*

Estelle Gold and Critical Minerals Project Discussion and Analysis

Further discussion and analysis of the Estelle Gold and Critical Minerals Project is available through the interactive Vrify 3D animations, presentations and videos, all available on the Company's website. www.novamineralscorp.com

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

Contacts

Christopher Gerteisen
CEO and Executive Director
E: info@novamineralscorp.com

Paul Ryan
Sodali & Co
Investor Relations & Media
E: paul.ryan@sodali.com
M: +61 409 296 511

Cameron Gilenko
Sodali & Co
Investor Relations & Media
E: cameron.gilenko@sodali.com
M: +61 466 984 953

About Nova Minerals Corp

Nova Minerals Corp 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 2027.

Website: www.novamineralscorp.com

LinkedIn: https://www.linkedin.com/company/nova-minerals-corp

X: @novaminerals

Cautionary Note Regarding Forward-Looking Statements

This news release contains "forward-looking information" within the meaning of applicable securities laws. Generally, any statements that are not historical facts may contain forward-looking information, and forward looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget" "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or indicates that certain actions, events or results "may", "could", "would", "might" or "will be" taken, "occur" or "be achieved." Forward-looking information is based on certain factors and assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, Gold and other metal prices, the estimation of initial and sustaining capital requirements, the estimation of labor costs, the estimation of mineral reserves and resources, assumptions with respect to currency fluctuations, the timing and amount of future exploration and development expenditures, receipt of required regulatory approvals, the availability of necessary financing for the Project, permitting and such other assumptions and factors as set out herein. apparent inconsistencies in the figures shown in the MRE are due to rounding Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: risks related to changes in Gold prices; sources and cost of power and water for the Project; the estimation of initial capital requirements; the lack of historical operations; the estimation of labor costs; general global markets and economic conditions; risks associated with exploration of mineral deposits; the estimation of initial targeted mineral resource tonnage and grade for the Project; risks associated with uninsurable risks arising during the course of exploration; risks associated with currency fluctuations; environmental risks; competition faced in securing experienced personnel; access to adequate infrastructure to support exploration activities; risks associated with changes in the mining regulatory regime governing the Company and the Project; completion of the environmental assessment process; risks related to regulatory and permitting delays; risks related to potential conflicts of interest; the reliance on key personnel; financing, capitalization and liquidity risks including the risk that the financing necessary to fund continued exploration and development activities at the Project may not be available on satisfactory terms, or at all; the risk of potential dilution through the issuance of additional common shares of the Company; the risk of litigation.

Although the Company has attempted to identify important factors that cause results not to be as anticipated, estimated or intended, there can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. Forward looking information is made as of the date of this announcement and the Company does not undertake to update or revise any forward-looking information which is included herein, except in accordance with applicable securities laws. All drilling and exploration activities is subject to no unforeseen circumstances.