NOVA MINERALS

Nova Minerals Provides an Update on Its 2026 Field Season Activities

Nova Minerals Corp (“Nova Minerals” or the “Company”) (NYSE American: NVA | ASX: NVA) is pleased to provide an update on its 2026 field season activities at its Estelle Gold and Critical Minerals Project (“Estelle” or the “Project”) in Alaska.

Highlights

- **Three Drill Rigs Currently Operating:** The Company currently has three diamond drill rigs operating onsite, conducting drilling 24 hours a day, seven days a week throughout the Alaskan summer.
- **Bulk Sampling and Drilling at the Styx Prospect:** Two diamond drill holes have now been completed from a newly constructed drill pad on the eastern side of Styx to test the down-dip extent of the 1 m-thick quartz-stibnite vein. In parallel, more than 50 tons of stibnite-rich material has been transported to camp for processing through the Whiskey Bravo ore sorter. This ore sorted coarse concentrate will provide initial feed material for the Port MacKenzie antimony pilot plant.
- **RPM Drilling Ongoing:** Several drill pads have been established along the ridgeline and in the eastern valley to test more than 3 km of strike at RPM. Drilling conducted at RPM so far this year has resulted in several newly discovered mineralized instrusives, and we eagerly await the assay results from these holes. Furthermore, at RPM Valley, several pads have been established to support infill and expansion of the existing resource.
- **Stibium Drilling Ongoing:** Due to difficult drilling conditions encountered from the top of the ridge, a new pad was established on the south face of Stibium lower down on the slope and 200m closer to the target zone. Drilling is ongoing.
- **Further Train Drilling Completed:** Two additional exploratory drill holes have been completed from a newly established pad at Train to test the depth and extent of outcropping mineralized quartz-arsenopyrite-chalcopyrite veining. Previous surface sampling returned high-grade gold assays of up to 128 g/t Au, providing a strong target for follow-up drilling.
- **Permitting Progress:** A detailed plan of operations for the antimony project has been submitted to the Alaska Dept of Natural Resources for final review and approval. Civil, wetlands and cultural resource surveys have also been completed along the Korbel and RPM trails, supporting the permitting process for approximately 30 miles of additional access trails.

- **Antimony Trisulfide Production:** Military-grade antimony trisulfide and antimony metal have been successfully produced at laboratory scale using a proprietary hydrometallurgical processing method. Samples have been submitted for independent analysis.
- **Infrastructure Work Ongoing:** Gravel quarrying activities are continuing, supported by the new machinery mobilized to site via the snow road this season. Construction of the Stibium trail has progressed to mile 6 and the first half mile of road sub-base has been laid, while the runway extension is also well underway.
- **Plant Equipment Nearing Delivery:** Over 40 containers of process equipment are in transit and being consolidated in Seattle ahead of a scheduled late-August barge shipment to Port MacKenzie, Alaska. Plant construction is expected to commence in 2026.
- **Geologic Reconnaissance Ongoing:** Geologic mapping and sampling have been ongoing with a detailed focus at RPM and Train. Property scale sampling is underway to provide more coverage over the ~200 sq mile Estelle Gold and Critical Minerals Project claim block.
- **Geophysics:** A ZTEM (Z-Axis Tipper Electromagnetic) survey has been flown across the entire claim block. The data is currently under evaluation and will help refine targeting for drilling and reconnaissance, with the potential to unlock further discoveries.
- **Board and Management Site Visits:** Independent Directors Avi Gellar and Dovi Berger visited the Estelle Project site late last month. Independent Chairman Richard Beazley, Executive Director Craig Bentley and Nova CFO Ashlie Thorburn are currently in Alaska visiting the site and meeting with State and other government officials.

Nova CEO, Mr Christopher Gerteisen, commented:

"This field season is the clearest evidence yet that Estelle is moving from exploration into execution. With three rigs running around the clock, permitting advancing across our mine plans and processing facilities, and mill equipment already in transit, every workstream is converging toward Estelle' first antimony production.

"We are converting years of exploration success into a near-term, funded path to production for antimony while also progressing Estelle's Gold Project, one of the world's largest undeveloped gold resources.

"Having successfully produced military-grade antimony trisulfide and antimony metal at laboratory scale, we are taking tangible steps toward securing a domestic supply of antimony for the United States, positioning Nova at the centre of America's critical minerals strategy."

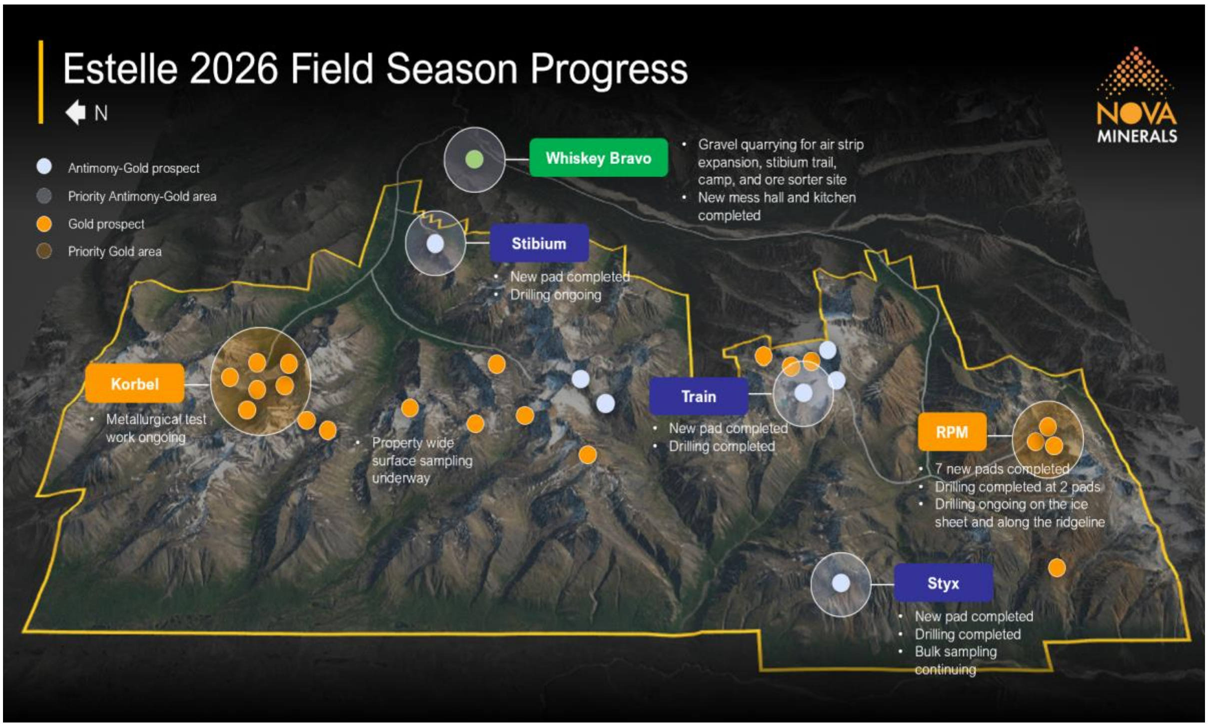

Figure 1. *Estelle property map with 2026 field season progress highlighted*

Figure 2. *Stibium drilling*

Figure 3. *Gravel quarrying for the Stibium trail, airstrip expansion and ore sorter site*

Figure 4. *RPM ridge drilling*

Figure 5. *Large Caribou class aircraft landing at the Whiskey Bravo airstrip*

Figure 6. *New pad being built at the bottom of the ridge at RPM*

Figure 7. *Nova CEO, Christopher Gerteisen, and Independent Chairman, Richard Beazley examining some of the stibnite rich material brought down from the Styx prospect*

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.