

Nova's RPM North Drilling Confirms Further Resource Upside with East Extension Discovery

07.01.2026 | [GlobeNewswire](#)

Anchorage Alaska, Jan. 07, 2026 - [Nova Minerals Ltd.](#) ("Nova" or the "Company") (NASDAQ: NVA) (ASX: NVA) (FRA: QM3) is pleased to announce further broad, near-surface gold results from its RPM North deposit, within the Company's flagship Estelle Gold and Critical Minerals Project, located in the prolific Tintina Gold Belt in Alaska.

Highlights

- 2025 drilling extends the halo around the high-grade core zone at RPM North with further broad intercepts and a new eastern discovery. RPM Valley results from the high-grade zone expected shortly.
- Broad near-surface gold intersections continue at RPM North, with the 2025 drill program confirming the eastern strike extension and infill results expected to support potential upgrades to the existing Measured and Indicated Mineral Resources at the main deposit, in support of the Feasibility Study (FS). Significant results include (Table 1, and Figures 3 and 5):
 - RPM-080
 - 180m @ 0.7 g/t Au from 4m, including;
 - 108m @ 1.1 g/t Au from 4m
 - 27m @ 2.5 g/t Au from 11m, and
 - 7m @ 8.1 g/t Au from 11m
 - 2m @ 19.7g/t Au from 15m
 - RPM-078
 - 162m @ 1.0 g/t Au from 3m including;
 - 54m @ 1.6 g/t Au from 109m
 - 7m @ 6.6 g/t Au from 147m, and
 - 2m @ 15.1 g/t Au from 147m
 - RPM-068
 - 167m @ 0.7 g/t Au from 187m, including;
 - 123m @ 0.9 g/t Au from 201m
 - 75m @ 1.1 g/t Au from 242m
 - RPM-070
 - 165m @ 0.6 g/t Au from 3m
- These strong results follow previous drilling and support the continuity of mineralization to the east, highlighting potential resource upside, where earlier drilling (RPM-004) intersected 259m @ 0.5 g/t Au from surface (ASX Announcement: 18 October 2021).
- To view a commentary video from Nova's CEO, Christopher Gerteisen, discussing the significance of these latest drill results, please [click here](#).
- Additional drill results will be released once received and reviewed under Nova's QA/QC procedures, after which an updated Mineral Resource Estimate (MRE) will incorporate results from the 2023-2025 drill programs.
- FS-level studies are ongoing, with METS Engineering undertaking additional metallurgical test work to build on the high gold recoveries achieved at RPM to date (ASX Announcement: 5 August 2025), Rough Stock Mining is conducting mining studies, and Whittle Consulting is completing optimization studies.
- Results from the extensive soil and rock chip surface samples taken from across the project area in 2025 will also be reported once received and processed.

Nova CEO, Mr Christopher Gerteisen, commented:

"The latest drilling results at RPM North are excellent and importantly, support the continuity of mineralization across the deposit and indicate that a zone of further mineralization extends to the east, which remains open along strike. This eastern extension has the potential to significantly increase the resource at RPM and will be a focus of the 2026 RPM resource drilling program.

RPM continues to demonstrate the exciting potential of Estelle as a future, tier-one North American gold project. We plan to build on the successes achieved to date, with further exploration aimed at identifying additional mineralization in 2026. All results will be incorporated into an updated resource estimate for the upcoming FS.

"Technical studies and optimization work are progressing to advance the project towards commercial production, and we will keep shareholders informed as relevant studies are completed to realize further value from the Estelle Gold and Critical Minerals Project."

2025 RPM North Drilling Summary

A total of seven diamond core holes were drilled at RPM North in 2025, designed to:

- • Follow-up previous drilling to the East, where hole RPM-004 intersected 259m @ 0.5 g/t Au from surface (ASX Announcement: 18 October 2021)
- • Conduct infill drilling at the main RPM North deposit to increase resource confidence
- • Add definition to the southern boundary of the ore zone
- • Test the connection with RPM Valley to the west

The latest diamond core drill results continue to increase resource confidence at RPM North, as well as adding new resource potential to the east. Holes RPM-068, RPM-070, and RPM-080 all intersected approximately 20m or so of granodiorite before transitioning to hornfels predominantly for the remainder. Mineralization occurs within sheeted to stockwork quartz and quartz-tourmaline veins. A large portion of these holes exhibited moderate to strong fractures with clay gouge and healed brecciated zones. These fractured zones contain moderate to strong argillic alteration. Hole RPM-080 had a high-grade intersection of 19.7 g/t Au from 15.2m to 17.6m, which can be attributed to the patchy and disseminated arsenopyrite shown in the two photos below.

Figure: RPM North hole RPM-080 2.4m @ 19.7g/t Au from 15.2m

Hole RPM-074 tested the southwestern extension of the mineralized intrusive and intersected hornfels at approximately 80m.

Hole RPM-076 was abandoned at 37m due to being set at the wrong dip, it was redrilled as hole RPM-078, which was designed to provide infill to the main deposit. The hole was collared in granodiorite and reached the northern contact with hornfels at approximately 125m, which remained the dominant lithology to the end of the hole.

RPM-072 was designed to test the connection between RPM North and RPM Valley and will be presented with the Valley results.

Detailed structural mapping, geophysical surveying, and geochemical sampling were conducted to vector towards the source intrusive. RPM North has exciting resource upside to the east, where drill holes RPM-004, RPM-068, and RPM-070 show extensive intervals of moderate-grade gold hosted in the Kahiltna flysch sedimentary rocks.

Figure 2: RPM plan view with all drill holes to date - Black drill traces represent the 2025 drill holes

Figure 3: RPM North Section RPM-068 and RPM-070 (62.5 azi)

Figure 4: RPM North RPM-078 (155 azi)

Figure 5: RPM North RPM-080 (36 azi)

Table 1 Significant intercepts

Hole_ID	From (m)	To (m)	Interval (m)	Au g/t
RPM-068 4	186	182	4	0.5
Including 132	172	39	133	1.0
124	186	62	124	0.8
132	143	11	132	1.5
187	354	167	187	0.7
And 201	325	123	201	0.9
Including 242	317	75	242	1.1
253	296	44	253	1.5
261	278	18	261	2.0
207	225	18	207	1.0
132	143	11	132	1.5
RPM-070 3	168	165	3	0.6
Including 75	98	23	75	0.8
107	144	37	107	0.8
118	135	17	118	1.0
129	135	6	129	1.6
And 189	252	64	189	0.4
And 272	357	85	272	0.5
RPM-074 23	43	20	23	0.9
RPM-078 3	165	162	3	1.0
Including 19	32	12	19	1.2
43	77	34	43	1.0
52	67	14	52	1.7
25	32	6	25	1.9
109	162	54	109	1.6
130	135	5	130	2.2
142	162	20	142	2.5
147	154	7	147	6.5
147	150	2	147	15.1
RPM-080 4	184	180	4	0.7
Including 4	111	108	4	1.1
11	38	27	11	2.5
11	18	7	11	8.1
15	18	2	15	19.7
91	107	16	91	1.2

Table 2: Drill hole details

Hole_ID	Easting	Northing	Elev (m)	EOH (m)	Azi	Dip	Zone	Assay Results
RPM-068 501991	6848806	1768	379	70	-60	RPM North	ASX: 7/1/26	
RPM-070 501990	6848806	1769	357	55	-70	RPM North	ASX: 7/1/26	
RPM-072 501992	6848804	1769	568	220	-50	RPM Valley	Not released	
RPM-074 501991	6848805	1770	191	190	-45	RPM North	ASX: 7/1/26	
RPM-076 501989	6848803	1770	37	355	-55	RPM North	ASX: 7/1/26	

RPM-078 501990 6848803 1770 183 355 -65 RPM North ASX: 7/1/26

RPM-080 501993 6848804 1770 184 35 -55 RPM North ASX: 7/1/26

Upcoming Milestones

- RPM Valley, Korbel, and Stibium drill results
- Further results and potential new discoveries from the 2025 surface exploration mapping and sampling program
- Material PFS test-work results as they become available
- Updated MRE
- Winter trail mobilization of heavy equipment
- Airborne geophysical surveys to commence in the spring of 2026
- Antimony phase 1 project updates
- Metallurgical test work ongoing
- Environmental test work ongoing
- West Susitna access road updates

Qualified Persons

Vannu Khounphakdee, Professional Geologist and member of Australian Institute of Geoscientists contracted by Nova Minerals to provide geologic consulting services. Mr. Khounphakdee holds a Master of Science in Mine Geology and Engineering. He is a qualified person with at least 5 years experience with this type of project. By reason of education, affiliation with a professional association, and past relevant work experience, Mr. Khounphakdee fulfills the requirements of Qualified Person (QP) for the purposes of SEC Regulation SK-1300 for data QA/QC checks relevant to this announcement.

Hans Hoffman is a State of Alaska Certified Professional Geologist contracted by Nova Minerals to provide geologic consulting services. Mr. Hoffman is a member of the American Institute of Professional Geologists and holds a Bachelor of Science degree in Geological Engineering with a double major in Geology and Geophysics. He is a qualified person with at least 5 years of experience with these types of projects. By reason of education, affiliation with a professional association, and past relevant work experience, Mr. Hoffman fulfills the requirements of Qualified Person (QP) for the purposes of SEC Regulation SK-1300 for the technical information presented in this announcement.

Christopher Gerteisen, Chief Executive Officer of Nova Minerals, is a Professional Geologist and member of Australian Institute of Geoscientists, and has supervised the preparation of this news release and has reviewed and approved the scientific and technical information contained herein. Mr. Gerteisen is a "qualified person" for the purposes of SEC Regulation S-K 1300.

Data Verification

For the 2025 diamond core drilling program, core samples were cut in half and crushed to achieve >90% passing a 2mm sieve and split down to 225 g to 275 g samples at Nova's on-site prep facility. Samples were then sent to ALS Fairbanks for additional prep and chemical analysis. Duplicates were collected every 1 in 20 samples at the same time using the same method (riffle split) as the parent sample. Blank material was inserted 1 in 40 samples. Standard Reference Material (SRM) was inserted 1 in 20 samples. Three different SRMs at three different grades levels were used.

ALS is a certified commercial laboratory and is independent of Nova Minerals. Samples are tested for gold using ALS Fire Assay Au-ICP21 technique. This technique has a lower detection limit of 0.001 g/t with an upper detection limit of 10 g/t. If samples have grades in excess of 10 g/t then Au-GRA21 is used to determine the over detect limit. Au-GRA21 has a detection limit of 0.05 g/t and an upper limit of 10,000 g/t. Four acid digestion with ICP-MS finish (ME-MS61) was used to evaluate 48 different elements.

About Nova Minerals Limited

Nova Minerals Limited is a Gold, Antimony and Critical Minerals exploration and development company

focused on advancing the Estelle Project, comprised of 514 km² of State of Alaska mining claims, which contains multiple mining complexes across a 35 km long mineralized corridor of over 20 advanced Gold and Antimony prospects, including two already defined multi-million ounce resources, and several drill ready Antimony prospects with massive outcropping stibnite vein systems observed at surface. The 85% owned project is located 150 km northwest of Anchorage, Alaska, USA, 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 Corp.](#)'s Fort Knox Gold Mine. The belt also hosts significant Antimony deposits and was a historical North American Antimony producer.

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

Forward Looking Statements

This press release contains "forward-looking statements" that are subject to substantial risks and uncertainties. All statements, other than statements of historical fact, contained in this press release are forward-looking statements. Forward-looking statements contained in this press release may be identified by the use of words such as "anticipate," "believe," "contemplate," "could," "estimate," "expect," "intend," "seek," "may," "might," "plan," "potential," "predict," "project," "target," "aim," "should," "will" "would," or the negative of these words or other similar expressions, although not all forward-looking statements contain these words. Forward-looking statements are based on Nova Minerals Limited's current expectations and are subject to inherent uncertainties, risks and assumptions that are difficult to predict. Further, certain forward-looking statements are based on assumptions as to future events that may not prove to be accurate. These and other risks and uncertainties are described more fully in the section titled "Risk Factors" in the final prospectus related to the public offering filed with the Securities and Exchange Commission. Forward-looking statements contained in this announcement are made as of this date, and Nova Minerals Limited undertakes no duty to update such information except as required under applicable law.

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