News Release September 26, 2025

Vanguard Mining Begins Mobilization for 2025 Redonda Copper-Molybdenum Drill Program, British Columbia

Vancouver, BC – September 26, 2025 – Vanguard Mining Corp. ("Vanguard" or the "Company") (CSE: UUU | OTC: UUUFF | Frankfurt: SL51) announces that it has commenced mobilization for the 2025 diamond drill program (the **"Drill Program"**) at its 100% Owned, 2746.46 Hectare Redonda Copper-Molybdenum Project **(the "Project")**, located within the Vancouver Mining Division of British Columbia near Campbell River.

The Drill Program will be guided by targets and structural corridors interpreted from the previously announced Precision GeoSurveys **("Precision")** airborne geophysical program, integrated with results from recent drilling and surface sampling. Recent drilling at Redonda returned intervals up to **142.6 metres (467.8 feet) grading 0.279% Cu and 0.0281% Mo**, while surface sampling delivered near-surface intervals ranging from **3.1 metres (10.17 feet) to 48 metres (157.4 feet) grading 0.529% CuEq (**See News Release dated January 25, 2024**).**

To execute the program, Vanguard has engaged Paradigm Drilling Ltd. **("Paradigm Drilling")**, which will deploy a Boyles B-15 hydraulic, track-mounted diamond drill equipped with NQ tooling and capable of testing targets to greater than 600 metres depth. Initial pads are permitted and being prepared, with step-outs planned to evaluate continuity of porphyry-style copper-molybdenum mineralization along prioritized trends.

Vanguard will work in close collaboration with the Klahoose First Nation for labour and logistics support throughout the campaign and will continue to advance engagement as activities progress.

David Greenway, CEO of Vanguard Mining Corp., commented: *"Mobilization is now underway for our 2025 program at Redonda, marking an important milestone for Vanguard. With permits secured and budgets in place, we are advancing a deep drilling campaign designed to test the most compelling targets identified through recent surveys and drilling. Previous* *work delivered highly encouraging results, including a 174-metre mineralized zone beginning at surface and strong surface sampling averaging approximately 0.5% copper-equivalent—both of which provide clear vectors for expansion at depth.*

British Columbia continues to support responsible resource development, and the Government of Canada's new Major Projects Office demonstrates a strong commitment to advancing critical projects efficiently. With these favorable conditions, our objective this season is to build on the 2023–2024 discovery and begin outlining the true scale of the Redonda system, added Greenway"

The Project is fully permitted to commence drilling, and the Company is fully funded for the proposed exploration program. The 2025 program is designed to follow up on a near-surface Copper/Moly discovery announced in 2023 and 2024.

2025 Program Scope and Targeting

The Company is currently permitted for up to 10 drill sites and is evaluating an aggressive 2025 program that includes detailed geological mapping of brecciation trends and deeper drilling below 500 metres within the known potassic core. Mineralized zones remain open to the north and south, with potential extensions along an old road system ~1 kilometre to the northwest. To the south, mineralization is interpreted to plunge beneath the Coast Plutonic Complex, where follow-up airborne geophysics and subsequent drilling are warranted. In addition, extensive iron skarns identified on the east side of Redonda Island may represent part of a larger magmatic-hydrothermal system at depth, reinforcing the Project's district-scale potential.

Program Highlights

- Mobilization underway for 2025 diamond drilling at Redonda (2,746.46 ha), near Campbell River, BC.
- Up to **10 permitted drill sites**; program contemplates deeper holes (>500 m) into potassic core and detailed mapping of brecciation trends.
- Prior work indicates mineralization open north–south, with a possible **NW extension (~1 km)** along an old road system.
- Southern plunge beneath the **Coast Plutonic Complex** to be assessed with additional geophysics and drilling.
- **Iron-skarn occurrences** on east Redonda Island support a **district-scale** magmatic-hydrothermal model.
- Paradigm Drilling engaged; **Boyles B-15** rig with **NQ** tooling to test **>600 m** depth.
- Ongoing collaboration with the **Klahoose First Nation** for labour and logistics.

The Company will provide updates on drill start, meterage, and subsequent assay results as they become available.

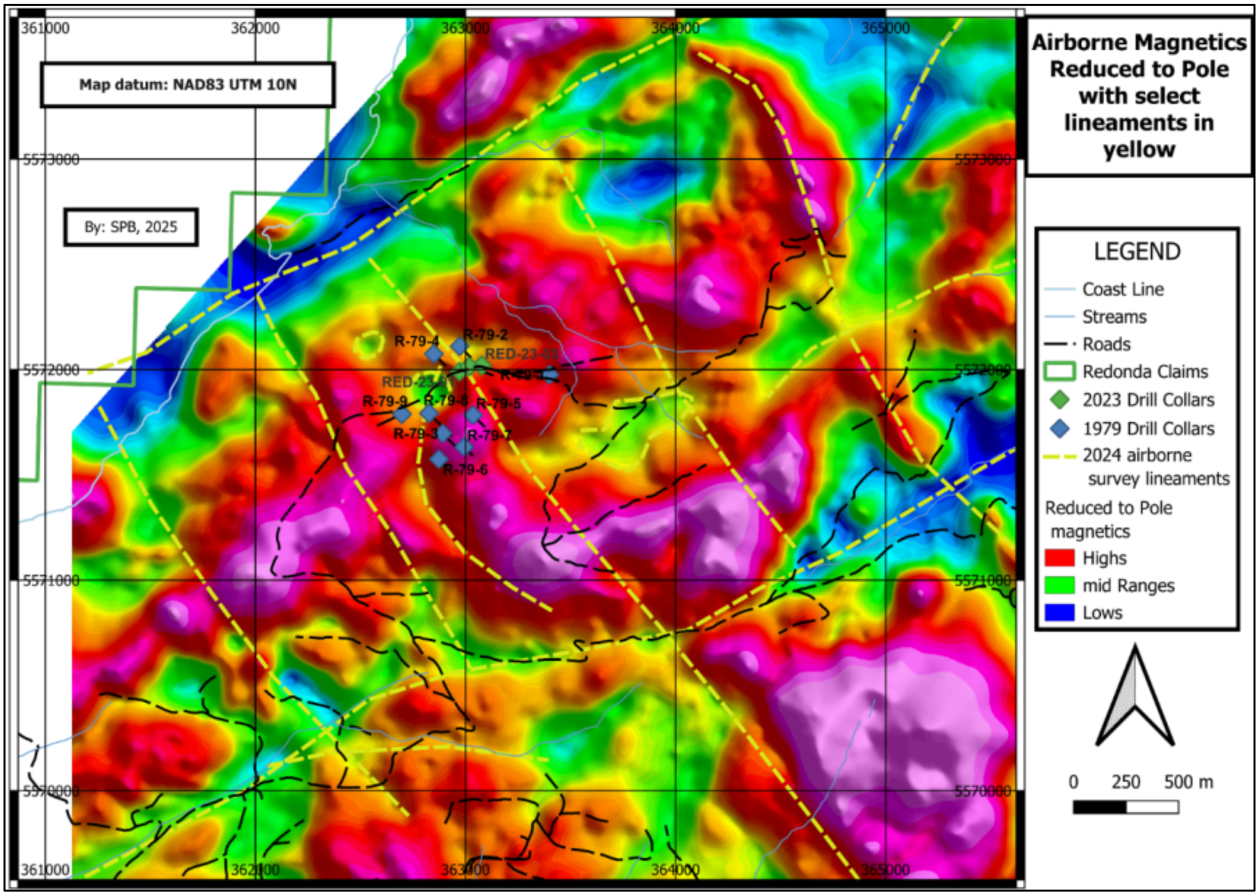

Figure 1: 2024 Airborne Magnetics (RTP) with lineaments – See release

Target Generation from 2024 Airborne Geophysics

Drill hole locations have been selected using a combination of historical datasets and results from the Company's late-2024 airborne geophysical survey, which integrated total magnetic intensity, gradient magnetics, and radiometrics. The survey delineates strong correlations with mapped geological domains, including a northeast–southwest–trending fault system exhibiting right-lateral offset and several circular magnetic lows interpreted as potential intrusive centres. Radiometric potassium anomalies define arcuate potassic-alteration zones—key vectors in porphyry copper-molybdenum systems—focusing priority targets both adjacent to historical drilling and along newly defined structural corridors. The full airborne data package, including GeoTIFF magnetic and radiometric maps, will be made available on the Company's website to illustrate the scale and quality of the Redonda exploration opportunity.

QA/QC and Data Verification

Core samples are shipped to an ISO/IEC 17025–accredited laboratory. Samples are analyzed using industry-standard multi-element packages (e.g., ICP-AES/ICP-MS) with appropriate over-limit assays. Vanguard inserts blanks, certified reference materials, and duplicates at regular intervals. The Qualified Person has reviewed the QA/QC program results and verifies that the sampling, analytical, and QA/QC protocols are appropriate for an early-stage exploration program. Historical information has been reviewed against available assessment reports; it cannot be independently verified to modern standards and is used for exploration guidance only.

Copper-Equivalent (CuEq) Note

CuEq is calculated as: Cu% + (Mo% × [Mo price/Cu price] × [Mo recovery/Cu recovery]). For comparative purposes only, CuEq herein assumes US$4.70/lb copper and US$25.00/lb molybdenum (molybdic oxide, ~57% Mo, in-warehouse Rotterdam basis), and 100% metallurgical recoveries for both metals where recoveries are unknown, which may not be representative of actual recoveries. CuEq is an exploration-stage comparative metric and does not imply economic viability.

Nearby Properties

References to mineralization on nearby properties (e.g., OKover, Gambier Copper) are provided for geological context only. Mineralization hosted on nearby or adjacent properties is not necessarily indicative of mineralization on the Redonda property.

About Redonda

The Redonda Project comprises nine mineral claims totaling 2,746.46 ha, located approximately 40 km northeast of Campbell River, British Columbia. The property is accessible year-round via scheduled barge service from Campbell River (e.g., MarineLink or other contract barges), with on-site access provided by 5 km of recently upgraded logging road from Redonda Bay. Active forestry maintains an extensive network of forest service roads across the claims. Field work in 2021 was conducted under a Letter of Support from the Klahoose First Nation within their Traditional Territory, together with a Free Use Permit, Drill Permit, and IP Exemption issued by the Ministry of Energy, Mines and Low Carbon Innovation (EMLI). Consultation with the Homalko First Nation has concluded, and a permit for additional drill sites is being issued.

Redonda lies within the Coast Suture Zone between the Wrangellia Terrane and the Coast Plutonic Complex. Early Cretaceous dioritic intrusions of the Coast Plutonic Complex are cut by at least three later intrusive phases: (i) a quartz plug; (ii) a wide, hornblende-rich dike locally brecciated over ~600 metres of exposed length; and (iii) several smaller feldspar dikes near the southwestern margin of the hornblende body. Copper-molybdenum mineralization is most concentrated along the hornblende dike, particularly within brecciated zones. The geological setting shares several characteristics with nearby porphyry systems, including the OKover copper-molybdenum deposit located ~34 km to the southeast (north of Powell River) and the Gambier Copper deposit in Howe Sound.

Qualified Person

The scientific and technical information contained in this news release has been reviewed and approved by J. T. Shearer, M.Sc., D.I.C., P.Geo. (BC & Ontario), a consulting geologist who is a "Qualified Person" as such term is defined under National *Instrument 43-101 – Standards of Disclosure for Mineral Projects (**"NI 43- 101"**)*. Mr. Shearer is not arms length for Vanguard.

About Vanguard Mining Corp.

Vanguard Mining Corp. is a mineral exploration and development company dedicated to the discovery and advancement of high-value strategic mineral assets. The Company is focused on creating long-term value through the responsible acquisition and development of highly prospective projects located in stable, mining-friendly jurisdictions worldwide.

All Stakeholders are encouraged to follow the Company on its social media profiles on LinkedIn, X.com, Facebook and Instagram and sign up for updates at Vanguardminingcorp.com

On Behalf of the Board of Directors

"David Greenway"

David Greenway, CEO

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Disclaimer for Forward-Looking Information

Certain statements in this release are forward-looking statements, which reflect the expectations of management regarding Vanguard's intention to continue to identify potential transactions and make certain corporate changes and applications. Forward looking statements consist of statements that are not purely historical, including any statements regarding beliefs, plans, expectations, or intentions regarding the future. Such statements are subject to risks and uncertainties that may cause actual results, performance, or developments to differ materially from those contained in the statements. No assurance can be given that any of the events anticipated by the forward-looking statements will occur or, if they do occur, what benefits Vanguard will obtain from them. These forward-looking statements reflect managements' *current views and are based on certain expectations, estimates and assumptions which may prove to be incorrect. A number of risks and uncertainties could cause actual results to differ materially from those expressed or implied by the forward-looking statements, including Vanguard's results of exploration or review of properties that Vanguard does acquire. These forward-looking statements are made as of the date of this news release and Vanguard assumes no obligation to update these forward-looking statements, or to update the reasons why actual results differed from those projected in the forward-looking statements, except in accordance with applicable securities laws.*

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