Clean Air Metals Reports 21.4 m Grading 7.64 g/t Pt.eq in Latest Drilling Results

Thunder Bay, ON, February 27, 2025 – Clean Air Metals Inc. ("**Clean Air Metals**" or the "**Company**") (TSX.V: AIR; FRA: CKU; OTCQB: CLRMF) is pleased to announce the first results from its ongoing winter drilling program at its 100%-owned Thunder Bay North Critical Minerals Project ("TBN"). Results from the first three (3) holes confirmed that the known areas of near-surface, high-grade mineralization at the Current deposit are more significant than initially thought. Assay results for the remaining 10 holes are pending and will be released when received.

Assay highlights:

- **21.4 m of 2.71 g/t Pt, 2.41 g/t Pd, 0.53% Cu and 0.28% Ni (7.64 g/t Pt.eq[1]; 2.56% Cu.eq[2])** from 96 m downhole in Hole CL25-002, including
  - **3.83 g/t Pt, 3.37 g/t Pd, 0.68% Cu and 0.34% Ni (10.39 g/t Pt.eq[1]; 3.48% Cu.eq[2]) over 5.75 m** from 100.3 m, and
  - **4.20 g/t Pt, 3.76 g/t Pd, 0.89% Cu and 0.34% Ni (11.86 g/t Pt.eq[1]; 3.97% Cu.eq[2]) over 6.4 m** from 111.0 m
- **49.0 m of 1.57 g/t Pt, 1.46 g/t Pd, 0.32% Cu and 0.21% Ni (4.63 g/t Pt.eq[1]; 1.55% Cu.eq[2])** from 74 m downhole in Hole CL25-001, including
  - **2.91 g/t Pt, 2.67 g/t Pd, 0.55% Cu and 0.29% Ni (8.15 g/t Pt.eq[1]; 2.73% Cu.eq[2]) over 8 m** from 96 m, and
  - **2.74 g/t Pt, 2.42 g/t Pd, 0.53% Cu and 0.27% Ni (7.66 g/t Pt.eq[1]; 2.57% Cu.eq[2]) over 9 m** from 110 m

Notes

1. Platinum equivalent are calculated as follows: Pt.eq = (Pt grade/31.1035 x $976 + Pd grade x 31.1035 x 86.2% x $966 + Cu grade x 2204 x 95.9% x $4.25 + Ni grade x 2204 x 57% x 6.98 + Au grade/31.1035 x 85% x $2,939 + Ag grade/31.1035 x 65.2% x $32.89) / $976 x 31.1035
2. Copper equivalents are calculated as follows: Cu.eq= (Cu grade x 2204 x $4.25 + Pt grade x 31.1035 x 80.6% x $976 + Pd grade x 31.0135 x 86.2% x $966 + Ni grade x 2204 x 57% x $6.98 + Au grade/31.1035 x 85% x $2,9392 + Ag grade/31.1035 x 65.2% x $32.89) / $4.25 / 2204

Equivalents are based on the following recoveries Pt 80.6%, Pd 86.2%, Cu 95.9% Ni 57%, Au 85%, Ag 65.2%; and metal prices from February 20, 2025, US Spot; Pt $976, Pd $966, Cu $4.25, Ni $6.98, Au $2939, Ag $32.89

Mike Garbutt, CEO of Clean Air Metals, remarked, "These latest results have validated our belief that the Current deposit hosts more near-surface high-grade mineralization than previously estimated. The impressive grade and significant thickness encountered during the recent drilling programs provide additional support for establishing a more robust, low-

tonnage, high-grade production model. These results have also highlighted the critical importance of leveraging downhole geophysics to locate the highest-value mineralization targets at Current and Escape as we continue to advance *the Thunder Bay North Project."*

Table 1. Assays results from reported holes

Hole ID	From (m)	To (m)	Length (m)	Pt (g/t)	Pd (g/t)	Cu (%)	Ni (%)	Pt+Pd (g/t)	Cu+Ni (%)	Pteq[1] (g/t)	Cueq[2] (%)
CL25-001	74.0	123.0	49.0	1.57	1.46	0.32	0.21	3.03	0.53	4.63	1.55
Incl	96.0	104.0	8.0	2.91	2.67	0.55	0.29	5.58	0.84	8.15	2.73
And	110.0	119.0	9.0	2.74	2.42	0.53	0.27	5.15	0.80	7.66	2.57
CL25-002	96.0	117.4	21.4	2.71	2.41	0.53	0.28	5.12	0.81	7.64	2.56
incl.	100.3	106.0	5.75	3.83	3.37	0.68	0.34	7.20	1.01	10.39	3.48
incl.	111.0	117.4	6.4	4.20	3.76	0.89	0.34	7.96	1.23	11.86	3.97
CL25-003	88.0	116.0	28.0	0.89	0.83	0.22	0.20	1.72	0.42	2.94	0.99
Incl	102.0	113.0	11.0	1.12	1.01	0.27	0.23	2.13	0.50	3.61	1.21

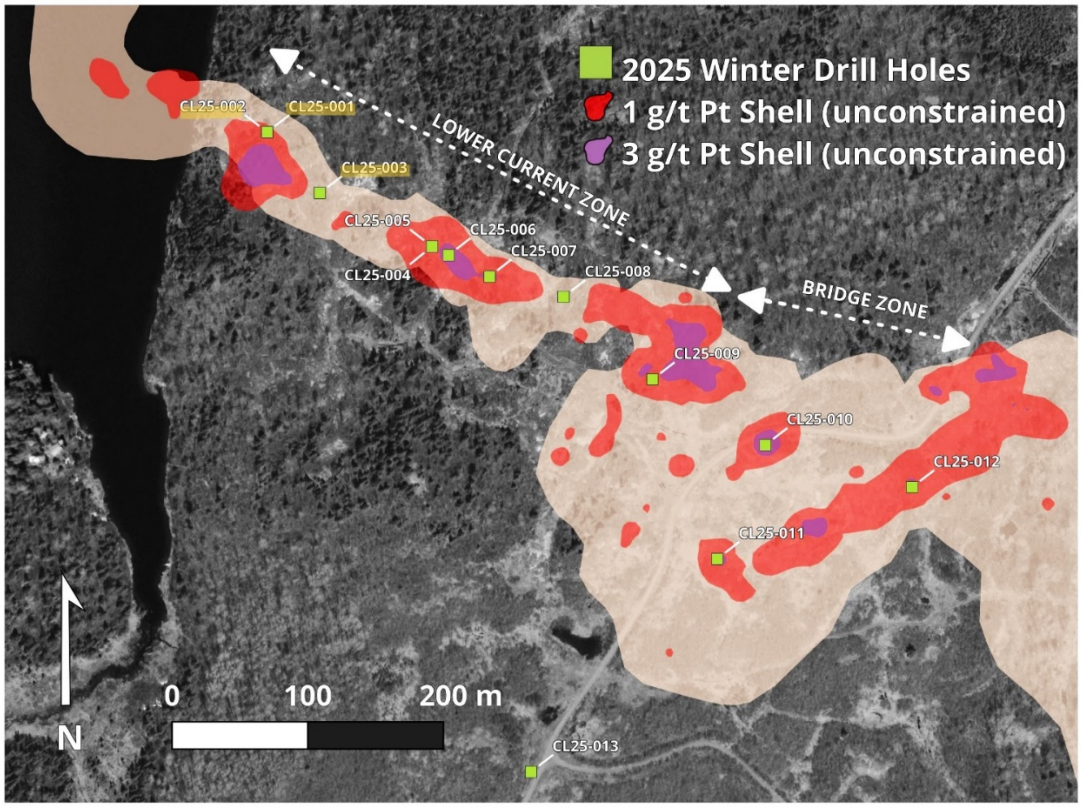
The Winter 2025 drilling program is strategically designed to augment the number, size, and grade of near-surface high-grade subzones at the Current deposit, building on the positive results from the Summer 2024 program *(see* September 10, 2024, and October 3, 2024 news releases), including:

- **51.79 m of 4.92 g/t Pt, 4.66 g/t Pd, 1.07% Cu and 0.55% Ni (14.82 g/t Pt.eq; 4.71% Cu.eq)** from 86 m downhole in Hole CL24-001;

- **31.40 m of 4.22g/t Pt, 4.04g/t Pd, 0.95% Cu and 0.56% Ni (13.04 g/t Pt.eq; 4.14% Cu.eq)** from 118 m downhole in Hole CL24-003.

These new findings, in conjunction with the summer program's results, validate the extensions of the mineralized subzones beyond the most recent resource model (NI 43-101 technical report on the Thunder Bay North Project, Ontario, Canada, SLR Consulting Canada Ltd, June 19, 2023). This further reinforces our strategy of advancing a high-grade, high-margin moderate tonnage project.

Figure 1. Plan view map showing drill hole locations for the ongoing 13-hole program at the Current deposit.



Downhole Geophysics Program

To enhance the targeting of high-grade mineralized subzones, Clean Air Metals has engaged Crone Geophysics to conduct downhole Electromagnetic (EM) surveys in the Lower Current zone. This advanced program is designed to accurately identify and target the thickest, most enriched portions of the subzones within both the Current and Escape deposits for future drilling campaigns.

Recent analyses of historical geophysical data have revealed that downhole EM surveys have been the most effective method for targeting high-grade mineralization at various depths. For the upcoming downhole EM, the approach will be significantly enhanced by employing smaller loop sizes and advanced sensor technologies specifically designed to improve the detection of mineralized subzones, ensuring more precise identification.

Clean Air Metals' Vice President of Exploration, Lionnel Djon, commented, *"The results from our recent drilling at the Current deposit have provided us with increased confidence in successfully targeting the highest-grade subzones. We're particularly excited by the lateral extensions of the known high-grade areas, which remain open along strike. The systematic application of borehole EM surveys to pinpoint the position of these high-grade 'plums' will allow us to target them downplunge to significant depths."*

Table 2. Hole Coordinates

Hole ID	Easting-NAD83_16 (m)	Northing NAD83_16 (m)	Elevation (m)	Azimuth (deg)	Dip (deg)	Hole length (m)
CL25-001	357548	5402688	493	208.2	-73.9	165
CL25-002	357548	5402688	493	210.6	-85.2	150
CL25-003	357587	5402644	494	288.0	-84.1	150

Update on Project Development Activities

After completing the winter drill program and subsequent geophysics work, the Company will evaluate the potential to update the resource, leading to a Preliminary Economic Assessment that details our high-grade, high-margin, low-capital development strategy for the Thunder Bay North project.

In line with our commitment to meaningfully advance the project, Clean Air Metals has submitted a Notice of Project Change and Project Definition Report to the Ontario Ministry of Mines in support of an Advanced Exploration Project designation. The status change is the first step towards obtaining permits for a potential underground ramp and bulk sample at the Current deposit.

Upcoming Investor Event

Clean Air Metals invites shareholders and interested parties to meet with Management and the Technical team at the **upcoming PDAC convention Core Shack (#3107B)** on **March 4 and 5, 2025** at the Metro Toronto Convention Centre, Toronto.

Qualified Person

Dr. Lionnel Djon, Ph.D., P.Geo., a Qualified Person under National Instrument 43-101 and Vice President of Exploration for the Company, has reviewed and approved all technical information in this press release.

Quality Assurance / Quality Control

Clean Air Metals uses ALS Global (“ALS”), a well-established and recognized mineral assay and geochemical analytical services company. The Thunder Bay laboratory holds ISO-9000 accreditation; the Vancouver facility holds ISO-17025 registration.

All NQ-sized drill cores are cut with a diamond-tipped saw blade, and half are submitted to ALS for sample preparation and analysis. Sample preparation is completed at the ALS sample preparation facility in Thunder Bay, ON, and analysis is completed at the primary ALS assay laboratory in Vancouver, B.C.

Clean Air Metals follows a quality control procedure for its core assay sampling program: inserting blind blanks and certified Palladium-Platinum and Copper-Nickel standards into the sample stream. The insertion procedure follows industry standards with control sample frequency depending on the length of the sampled interval.

Gold, platinum, and palladium are analyzed using fire assay (FA) with an inductively coupled plasma mass spectrometry (ICP-MS) finish. Samples with grades above the optimal ICP-MS detection limits are analyzed using optical emission spectroscopy (ICP-OES).

Also, thirty-three (33) elements of each sample, including copper, nickel, silver, chromium, cobalt, and sulphur, are analyzed by a multi-element analytical method using the atomic emission spectroscopy (ICP-AES) technique following four-acid digestion of the sample. When samples have grades above the optimal detection limits for this analytical method, they are re-analyzed using a high-grade assay method with an ICP finish.

About Clean Air Metals

Clean Air Metals is a development and exploration company advancing its flagship, 100% owned Thunder Bay North Critical Minerals ("TBN") project, 40 km northeast of Thunder Bay, Ontario. The TBN project, accessible by road and next to established infrastructure, hosts two (2) deposits - the Current and Escape deposits, only 2.5 km apart. Together, the deposits host a 13.8 Mt indicated mineral resource containing 2.4M Pt eq. oz (Technical Report on the Thunder Bay North Project, Ontario Canada, NI43-101, SLR Consulting Canada Ltd, June 19, 2023) with significant potential for expansion down-plunge.

One of the rare primary platinum resources outside of South Africa, the TBN project is in a stable and mining-friendly jurisdiction and benefits from longstanding relationships with local First Nations. With its proven technical team, Clean Air Metals is committed to growing the resources at the TBN project and creating long-term value for shareholders.

Social Engagement

Clean Air Metals Inc. acknowledges that the Thunder Bay North Critical Minerals Project is located within the area encompassed by the Robinson-Superior Treaty of 1850 and includes the territories of the Fort William First Nation, Red Rock Indian Band, Biinjitiwabik Zaaging Anishinabek and Kiashke Zaaging Anishinaabek. Clean Air Metals also acknowledges the contributions of the Métis Nation of Ontario, Region 2 and the Red Sky Métis Independent Nation to the rich history of our area.

The Company appreciates the opportunity to work in these territories and remains committed to the recognition and respect of those who have lived, travelled, and gathered on the lands since time immemorial. Clean Air Metals is committed to stewarding Indigenous heritage and remains committed to building, fostering and encouraging a respectful relationship with First Nations, Métis and Inuit peoples based upon principles of mutual trust, respect, reciprocity and collaboration in the spirit of reconciliation.

ON BEHALF OF THE BOARD OF DIRECTORS

"*Mike Garbutt*"

Mike Garbutt, CEO of Clean Air Metals Inc.

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