

# **Clean Air Metals reports new Assays from Escape Deposit and commences additional 15,000m drill program to target Norilsk-style Massive Sulfides**

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THUNDER BAY, April 19, 2021 - [Clean Air Metals Inc.](#) ("Clean Air Metals" or the "Company") (TSXV: AIR) (OTCQB: CAIR) (FRA: CKU) is pleased to announce new assay results (Table 1) from the drilling campaign at the Escape Lake Deposit. The Company is currently underway with two drills at the Company's Thunder Bay North Project (the "Project"). A total of 30,000m of systematic drilling connecting the Escape South and Steepledge South resource areas is planned for the Escape Lake Deposit in 2021.

Highlights (Table 1) include:

- Hole ELR20-041 intersected 0.3m of 8.17/t Palladium (Pd), 8.34g/t Platinum (Pt), 7.15% Copper (Cu) and 0.30% Silver (Ag) from 341.5m - 341.8m downhole located in the Escape Lake Deposit area 350m north of the centroid of the Escape Lake Deposit High Grade Zone.
- Hole ELR21-037 intersected 9.0m of 1.47g/t Palladium (Pd), 1.28g/t Platinum (Pt), 0.61% Copper (Cu) and 0.27% Silver (Ag) from 373.0m - 382.0m downhole located between the Escape South High Grade Zone and the Steepledge North High Grade Zone.
- Hole ELR21-043 intersected 9.0m of 1.37g/t Palladium (Pd), 1.14g/t Platinum (Pt), 0.52% Copper (Cu) and 0.36% Silver (Ag) from 317.0m - 326.1m downhole located between the Escape South High Grade Zone and the Steepledge North High Grade Zone.

The recent discovery of a high-grade massive sulphide lens in the Escape Lake Deposit (Figure 2) and similar material discovered in the Current Lake Deposit (Figure 3) are considered to be transported material and exploration vectors to larger source area. A third drill and local crew has now mobilized to the project site and has commenced drilling on the high priority massive sulphide targets on the Thunder Bay North Property (Figure 4). The targets are high conductivity geophysical features identified in basal structural and stratigraphic locations with high potential to host massive sulphide mineralization. A total of 15,000m in 25-30 holes has now been allocated to testing of the initial six massive sulphide target areas.

The fertility of the Escape Lake magma conduit deposit is well illustrated by the recent mineral resource update, reported January 20, 2021. The Escape Lake Deposit has an overall Indicated mineral resource of 505,369 ounces at 3.67g/t PdEq, 4,286,220 tonnes and is geologically open along trend. The Current Lake Deposit in turn has an Indicated mineral resource of 1,328,789 oz PdEq at an average grade of 3.44 g/t PdEq in 11,999,177 tonnes (pursuant to the January 20, 2021 NI 43-101 Technical Report and Mineral Resource Estimate for the Thunder Bay North Project, Thunder Bay, Ontario, prepared by Kuntz Engineering Ltd. with QP Glen Kuntz, P.Geol., as posted to SEDAR on March 4, 2021).

Abraham Drost, CEO of Clean Air Metals stated that "the Company confirms the high-level similarities of the magma conduit system and structural and stratigraphic controls on mineralization at Thunder Bay North with the Talnakh complex, one of the world's foremost Nickel-Copper-PGM mining camps. Based on the recent resource update and discovery of massive sulphide in the Escape Lake Deposit with favorable metal ratios and the recent completion of a structural analysis and MT geophysical surveys, we are committing to a substantial ramp up of our drilling exploration efforts on multiple bullseye ultra-low resistivity targets at the base of both the Escape Lake and Current Lake magma conduit deposit systems."

Table 1: New Assay Results Update - Escape Lake Zone, Thunder Bay North

Hole ID	Company	From, m	To, m	Length, m	Pt+Pd (g/t)	Cu+Ni (%)	Pt (g/t)	Pd (g/t)	Cu (%)	Ni (%)
ELR21-037	AIR	286	288	2.0	1.29	0.17	0.63	0.67	0.10	0.07
ELR21-037	AIR	294	312	18.0	1.52	0.50	0.68	0.84	0.32	0.18
ELR21-037	AIR	318	322	4.0	1.29	0.44	0.57	0.71	0.21	0.22
ELR21-037	AIR	330	353	23.0	1.65	0.57	0.74	0.91	0.32	0.25
ELR21-037	AIR	357	360	3.0	1.64	0.55	0.73	0.90	0.31	0.24
ELR21-037	AIR	366	370	4.0	1.81	0.56	0.83	0.97	0.35	0.21
ELR21-037	AIR	373	382	9.0	2.75	0.88	1.28	1.47	0.61	0.27
ELR21-039	AIR	297	299	2.0	1.05	0.21	0.45	0.61	0.06	0.14
ELR21-039	AIR	339	341	2.0	1.09	0.39	0.50	0.60	0.19	0.20
ELR21-041	AIR	336.9	337.57	0.7	20.18	7.32	8.63	11.55	4.93	2.39
ELR21-041	**incl	336.9	337.57	0.7	14.38	7.26	6.45	7.93	4.76	2.50
ELR21-041	AIR	341.5	341.8	0.3	16.51	7.45	8.34	8.17	7.15	0.30
ELR21-043	AIR	274	280	6.0	1.16	0.41	0.50	0.66	0.24	0.17
ELR21-043	AIR	296	300	4.0	1.37	0.49	0.63	0.74	0.26	0.23
ELR21-043	AIR	317	326.1	9.1	2.51	0.88	1.14	1.37	0.52	0.36
ELR21-043	AIR	334	336	2.0	1.36	0.41	0.63	0.73	0.23	0.18
ELR21-044A	AIR	318.4	319.9	1.5	2.49	0.68	1.17	1.32	0.46	0.22
ELR21-047	AIR	341.8	346.53	4.7	1.99	0.65	0.90	1.08	0.39	0.26

Note:

1) All intercepts are estimated to be >95% of true width based on drill hole inclination

2) Mineralized intervals calculated at 1 ppm Pt+Pd cutoff

\*\* Previously reported composite assay interval on March 18, 2021 on a Rush basis

#### COVID Policy

Clean Air Metals has adopted COVID-19 avoidance and personal protection measures for its geological staff, drilling contractor and service suppliers. Personnel are required to maintain physical distance, use Personal Protective Equipment (PPE), self-monitor and self-isolate or elect to work from home. Management had previously eliminated plans for a camp setup to service a planned diamond drill campaign on the Escape Lake Project. The Company is aware of Thunder Bay Health Unit guidelines that provide for "mandatory" self-isolation for returning overseas travel. The guidelines also "strongly recommend" self-monitoring and self-isolation as needed after travel into the Northwest region from other areas of the Province and interprovincially. Mineral Exploration and Development has been deemed an essential service in the

#### Province of Ontario

(<http://www.netnewsledger.com/2020/03/23/ontario-covid-19-business-allowed-to-remain-open-list-march-23-2020/>). The Company has procured the services of a locally staffed and serviced diamond drilling contractor to complete the diamond drilling program.

#### Qualified Person

Mr. Allan MacTavish, P.Geo. a Qualified Person under National Instrument 43-101 and VP, Project Manager of the Company, has reviewed and approved all technical information in this press release.

#### Social Engagement

[Clean Air Metals Inc.](#) and its wholly-owned subsidiary Panoramic PGMs (Canada) Ltd. acknowledge that the Thunder Bay North Project is on the traditional territories of the Fort William First Nation, Red Rock First Nation and Binjitiwabik Zaaging Anishinabek. The parties together are the Cooperating Participants in a Memorandum of Agreement dated January 9, 2021 and the issue of Warrants, reported January 28, 2021.

#### About Clean Air Metals Inc.

Clean Air Metals' flagship asset is the 100% owned, high grade Thunder Bay North Project, a platinum, palladium, copper, nickel project located near the City of Thunder Bay, Ontario and the Lac des Iles Mine owned by Impala Platinum. The Clean Air Metals project hosts the Current Lake deposit and magma conduit and the Company is actively exploring the Escape Lake deposit, a twin structure to the Current Lake deposit. Executive Chairman Jim Gallagher and CEO Abraham Drost lead an experienced team of geologists and engineers who are using the Norilsk magma conduit stratigraphic and mineral deposit model to guide ongoing exploration and development studies. As the former CEO of [North American Palladium Ltd.](#) which owned the Lac des Iles Mine prior to the sale to Impala Platinum in December 2019, Jim Gallagher and team are credited with the mine turnaround and creation of significant value for shareholders.

#### ON BEHALF OF THE BOARD OF DIRECTORS

"Abraham Drost"

Abraham Drost, Chief Executive Officer of [Clean Air Metals Inc.](#)

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#### Cautionary Note

The information contained herein contains "forward-looking statements" within the meaning of applicable securities legislation, including statements regarding the potential of the Thunder Bay North Project and the Escape Lake and Current Lake deposits and timing of technical studies and mineral resource estimates. Forward-looking statements relate to information that is based on assumptions of management, forecasts of future results, and estimates of amounts not yet determinable. Any statements that express predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance are not statements of historical fact and may be "forward-looking statements." Forward-looking statements are subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking statements, including, without limitation: political and regulatory risks associated with mining and exploration; risks related to the maintenance of stock exchange listings; risks related to environmental regulation and liability; the potential for delays in exploration or development activities or the completion of feasibility studies; the uncertainty of profitability; risks and uncertainties relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits; risks related to the inherent uncertainty of production and cost estimates and the potential for unexpected costs and expenses; results of prefeasibility and feasibility studies, and the possibility that future exploration, development or mining results will not be consistent with the Company's expectations; risks related to commodity price fluctuations; and other risks and uncertainties related to the Company's prospects, properties and business detailed elsewhere in the Company's disclosure record. Should one or more of these risks and uncertainties

materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking statements. Investors are cautioned against attributing undue certainty to forward-looking statements. These forward-looking statements are made as of the date hereof and the Company does not assume any obligation to update or revise them to reflect new events or circumstances, except in accordance with applicable securities laws. Actual events or results could differ materially from the Company's expectations or projection.

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