

Neotech Metals Corp. Drills 86 m of 1.06% TREO from Bedrock Surface Approximately

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300 Meters from the Pike Zone Mineralized Corridor in Its Inaugural Drill Program at Hecla-Kilmer

Vancouver, February 24, 2025 - [Neotech Metals Corp.](#) (CSE: NTMC) (OTCQB: NTMFF) (FSE: V690) ("Neotech" or "the Company") is pleased to announce preliminary geochemical assay results from its exploratory diamond drilling program of the Niobium and Rare Earth Element ("REE") carbonatites located at the Hecla-Kilmer ("H/K") Project near Otter Rapids in the James Bay Lowlands of Northern, Ontario.

A total of 12 new drill holes (of which 11 are still to be reported) were completed in 2024 by Neotech to supplement the 24 legacy drillholes completed by VR Resources ("VR") in previous exploration campaigns. The 2024 drillholes (see Map Figure 1) were designed to test for intervals of Total Rare Earth Oxide ("TREO") and Niobium Oxide ("Nb₂O₅") within the alkaline intrusive carbonatite complex, targeting 3 primary areas identified through historical magnetic and gravity surveys. Target areas include the Pike Zone (7 drill holes, 3061 meters), Northeast Zone (3 holes, 1281 meters), and South Rim Zone (2 holes, 698 meters). Drill hole locations and assays reported in the press release are shown on Map 1.

Hole HK24-034, located approximately 300m south of the Pike Zone region, have confirmed the presence of multiple mineralized intervals that contain elevated levels of niobium and/or rare earth elements. These intervals are coincident with altered and/or mineralized intervals that were identified visually by Neotech core loggers in the field. The results for this hole include:

Highlights from HK24-034

From (m)	To (m)	Interval (m)	TREO* (%)	PMREO** (%)
44	130	86	1.06	0.18
184	208	24	0.64	0.12

Sample analysis and data compilation remains ongoing, and any additional mineralized intervals identified in the remaining drill holes will be reported in subsequent news releases.

"The discovery of bedrock-surface mineralization near the Pike Zone presents significant opportunities for the Hecla-Kilmer Project," stated CEO Reagan Glazier. "The strong PMREO values in HK24-034 are consistent with previous intercepts and highlight a clear path to enhancing the project's overall value."

Map Figure 1 - Drill Map of Hecla-Kilmer's Pike Zone from 2024 Drill Season

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/9768/241860_c65e6edd04fb7960_001full.jpg

Methodology and Quality Assurance/Quality Control ("QA/QC")

Drillholes were drilled at various inclined angles with the assay intervals as total core widths. The material produced from the diamond drillholes was sampled at two metre intervals with the core split in half, resulting in average sample sizes of 2-4 kg. Half of the core is sent to the analytical laboratory, and the other half is kept in storage as required by industry standards and by Ontario provincial regulations. The original core was logged, photographed, and sampled on location by Neotech personnel.

The bagged and catalogued samples were delivered to Activation Laboratories Ltd. ("Actlabs") in Timmins,

Ontario, for initial preparation and final analysis. All sample preparation and analytical work referenced in this report were conducted by Actlabs, an independent geoanalytical laboratory accredited to ISO-IEC 17025:2017 and ISO 9001:2015 standards. In addition to Actlabs' internal QA/QC protocols, Neotech Metals incorporated its own control samples in each batch submitted for analysis.

Quality control samples, including blanks, duplicates, and standards (Certified Reference Materials) were inserted into the sample series at set intervals. For all analysis methods, the minimum number of QA/QC samples was two CRM standards per hole, one duplicate and/or one blank for every 10 samples taken, for a total of 10% QA/QC samples for the entire dataset. The procedures were implemented during the sample collection, preparation and analytical stages to ensure the robustness and reliability of the analytical results. QA/QC data was also verified by an independent third party to ensure the validity of the datasets.

All analytical results reported herein have passed internal QA/QC review and compilation. All assay results of drill core samples were provided by Actlabs, a Certified Laboratory, which performed their measure of the concentration of rare earth elements (REE) with the analytical method that uses lithium borate fusion prior to the second stage sodium peroxide fusion and Inductively Coupled Plasma Mass Spectrometry (ICP-MS). Major Element Oxides were done using the lithium borate analytical method and Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

Upcoming 2025 Exploration Season

Neotech is currently developing plans for an expansion/resource-definition drilling program and preliminary mineralogical-metallurgical test work on the diamond drill core from this program. Ongoing geological modelling and targeting will continue as the Company receives additional assays.

ON BEHALF OF THE BOARD

Reagan Glazier, Chief Executive Officer and Director
Neotech Metals Corp.

About the Neotech Metals

Neotech Metals Corp. is a mineral exploration company dedicated to discovering and developing valuable mineral resources within promising jurisdictions around the world. With a strong commitment to environmental stewardship and sustainable practices, Neotech is positioned to make a positive impact while maximizing the potential of its exploration properties.

The company has a diversified portfolio of Rare-Earth Element and Rare Metals projects, including the Hecla-Kilmer, located 20 km from the Otter Rapids 180MW hydroelectric power generation station and active Ontario Northway railway, along with its TREO and Foothills projects located in British Columbia. All three projects are 100% wholly-owned.

Qualified Person

Technical Information for this news release has been prepared in accordance with the Canadian regulatory requirements set out in National Instrument 43-101. Jared Galenzoski VP Exploration, P.Geo., and Qualified Person, has reviewed and approved all of the data and statements made for this news release.

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*TREO (Total Rare-Earth Oxides) has been used to express the results in the press release. TREO is calculated by converting the elemental ppm to Rare-Earth Oxides using a conversion factor and is the summation of $\text{CeO}_2 + \text{La}_2\text{O}_3 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2$

$O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$.

****PMREO (Permanent Magnet Rare-Earth Oxides)** has been used to express the results in the press release. TREO is calculated by converting the elemental ppm to Rare-Earth Oxides using a conversion factor and is the summation of $Pr_6O_{11} + Nd_2O_3 + Tb_4O_7 + Dy_2O_3$

Forward-Looking Statements

Certain information contained herein constitutes "forward-looking information" under Canadian securities legislation. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "will", "will be" or variations of such words and phrases or statements that certain actions, events or results "will" occur. Forward-looking statements are based on the opinions and estimates of management as of the date such statements are made and they are from those expressed or implied by such forward-looking statements or forward-looking information subject to known and unknown risks, uncertainties and other factors that may cause the actual results to be materially different, including receipt of all necessary regulatory approvals. Although management of the Company have attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. The Company will not update any forward-looking statements or forward-looking information that are incorporated by reference herein, except as required by applicable securities laws.

The CSE has not reviewed, approved, or disapproved the contents of this press release.

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