Red Metal Resources Planning 2025 Work Program on 100% Owned Hydrogen-Prospective Mineral Claim Package Spanning Quebec and Ontario

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Vancouver, February 20, 2025 - Red Metal Resources Ltd. (CSE: RMES) (OTC Pink: RMESF) (FSE: I660) ("Red Metal" or the "Company") is pleased to announce that it is planning a Phase 1 work program and data compilation for its recently acquired, 100% owned, portfolio of highly prospective mineral claims and mineral claim applications, consisting of seven separate claim packages, covering 172 mineral claims and totaling over 4,546 hectares.

These highly prospective claim packages are located to the North, Northeast and the Southwest of Quebec Innovative Materials Corp.'s ("QIMC") recent hydrogen-in-soil discovery in the Saint-Bruno-de-Guigues area, of over 1,000 ppm, announced on September 4th 2024, as well as covering similar geology to the west located in the Larder Lake Mining District of Ontario, along the Quebec border near the town of Ville-Marie, QC.

Figure 1. RMES 7 Mineral Claim blocks in Ontario and Quebec in proximity to recent Hydrogen discovery

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4932/241568_1eb61dfe54ac5b01_001full.jpg

These claim blocks are contiguous on three sides to Quebec Innovative Materials Corp. and cover possible extensions in multiple directions. To date, 164 of the 172 claims have been approved by the Quebec Ministry of Natural Resources and Forests and the Ontario Ministry of mines.

Ontario's Firstbrook Township hosts documented occurrences of copper, lead, cobalt, silver and kimberlite. The area boasts excellent infrastructure, including power and easy road access.

Geologic or white hydrogen offers a clean, renewable and potentially abundant source of energy with a range of environmental and economic benefits. Its carbon-free nature, high energy density and compatibility with existing infrastructure make it a promising solution for meeting future energy needs and achieving global climate goals.

Red Metal Resources President and CEO, Caitlin Jeffs stated, "We have established a significant and highly prospective claim package covering 172 mineral claims and totaling over 4,546 hectares to the North, Northeast and the Southwest of Quebec Innovative Materials Corp.'s ("QIMC") recent hydrogen-in-soil discovery in both Quebec and directly across the border in Ontario. Red Metal is actively planning a Phase 1 work program to encompass its Quebec and Ontario claims and highlight the potential for new discoveries of hydrogen as well as base and precious metals as we continue to advance our Carrizal Copper/Gold property in Cordillera, Chile."

Red Metal Resources is planning an initial exploration program that could include but not limited to:

- Gas sampling from the soil and underwater surveys in Timiskaming Lake. These surveys can be used to locate degassing zones associated with faults in the Timiskaming rift.

- Gravimetry and audiomagnetotellurism (AMT) geophysics to assess variations in the thickness of local sedimentary rock deposits (gravity troughs) over the Archean basement. AMT data will assist in locating graben-related faults in the St-Bruno-de-Guigue area that are covered by quaternary sediments.
- Regional remote sensing gas surveys to identify specific targets to provide useful remote sensing data for hydrogen and helium exploration.
- Fieldwork can be carried out with access to properties through main roads and paved highways.

The Company is currently reviewing regional geologic data to assist in the evaluation of potential additional acquisitions in the immediate area as well as the formulation of an initial exploration plan with further details to be provided in due course.

This news release contains information about adjacent properties on which the Company has no right to explore or mine. Investors are cautioned that mineral deposits on adjacent properties are not indicative of mineral deposits on the Company's properties.

Qualified Person

The technical content of this news release has been reviewed and approved by Caitlin Jeffs, P. Geo, who is a Qualified Person ("QP") as defined in National Instrument 43-101, Standards of Disclosure for Mineral Projects.

About Red Metal Resources Ltd.

Red Metal Resources is a mineral exploration company focused on growth through acquiring, exploring and developing clean energy and strategic minerals projects. The Company's portfolio of projects include seven separate mineral claim blocks and mineral claim applications, highly prospective for Hydrogen, covering 172 mineral claims and totaling over 4,546 hectares, located in Ville Marie, Quebec and Larder Lake, Ontario, Canada. As well, the Company has a Chilean copper project, located in the prolific Candelaria iron oxide copper-gold (IOCG) belt of Chile's coastal Cordillera. Red Metal is quoted on the Canadian Securities Exchange under the symbol RMES, on OTC Link alternative trading system on the OTC Pink marketplace under the symbol RMESF and on the Frankfurt Stock Exchange under the symbol I660.

For more information, visit www.redmetalresources.com

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