



## Infinico Metals Corp. Samples 4.45% Li<sub>2</sub>O at its Dalhousie Project

Vancouver, Canada, December 20, 2023 – Infinico Metals Corp. (“Infinico” or the “Company”) (TSX-V: INFM) is pleased to report assay results from the recently completed rock chip sampling program carried out on its Dalhousie Project, located 180 kilometres northeast of Val-d’Or, Québec.

The company conducted a one-day rock chip sampling program in November of 2023 at its Dalhousie project. The program was following up on a newly identified pegmatite outcrop on the west-end of the property. The results from a total of six rock chip samples collected are shown in Table 1.. Five of the six samples grade above **1.30% Li<sub>2</sub>O** and up to **4.45% Li<sub>2</sub>O**.

Table 1. Assay results from the November sampling program

| Sample ID | Sample Type | Rock Type | Li <sub>2</sub> O* (%) | Cs (ppm) | Ta <sub>2</sub> O <sub>5</sub> ** (ppm) |
|-----------|-------------|-----------|------------------------|----------|---|
| K28401    | Rock Chip   | Pegmatite | <b>0.92</b>            | 41.10    | 21.2                                    |
| K28402    | Rock Chip   | Pegmatite | <b>1.59</b>            | 33.30    | 44.8                                    |
| K28403    | Rock Chip   | Pegmatite | <b>4.39</b>            | 59.40    | 107.6                                   |
| K28404    | Rock Chip   | Pegmatite | <b>4.45</b>            | 32.90    | 57.5                                    |
| K28405    | Rock Chip   | Pegmatite | <b>1.37</b>            | 91.90    | 68.5                                    |
| K28406    | Rock Chip   | Pegmatite | <b>3.91</b>            | 75.40    | 57.0                                    |

\*A standard conversion factor of 2.15 was used to convert Li (ME-MS89L) to Li<sub>2</sub>O values.

\*\*A standard conversion factor of 1.22 was used to convert Ta (ME-MS89L) to Ta<sub>2</sub>O<sub>5</sub>

The six samples were collected from a newly recognized spodumene bearing pegmatite outcrop on the west-end of the Dalhousie Project (Figures 1 & 2). The pegmatite outcrop has a minimum strike length of 110 metres based on the limited sampling and mapping undertaken in November 2023. Due to snow cover and time constraints on the field season, no further work has been undertaken.

A detailed mapping and sampling program is planned for spring 2024. The work program will assist in understanding the true extent of the newly discovered lithium bearing pegmatite, as well as helping to identify previously unrecognized lithium bearing pegmatites elsewhere on the Dalhousie Project.

Sam Walding, Infinico’s CEO commented: “The identification of lithium bearing pegmatites on the Dalhousie property is incredibly exciting. Lithium has not previously been recognized at Dalhousie and this gives us a compelling new target to follow up on. The presence of lithium on the project complements Infinico’s on-going exploration for the critical metals Ni, Cu, and Co also present at Dalhousie. As soon as the conditions allow, Infinico will be on the ground conducting detailed mapping and sampling to gain a full understanding of this new lithium discovery.”

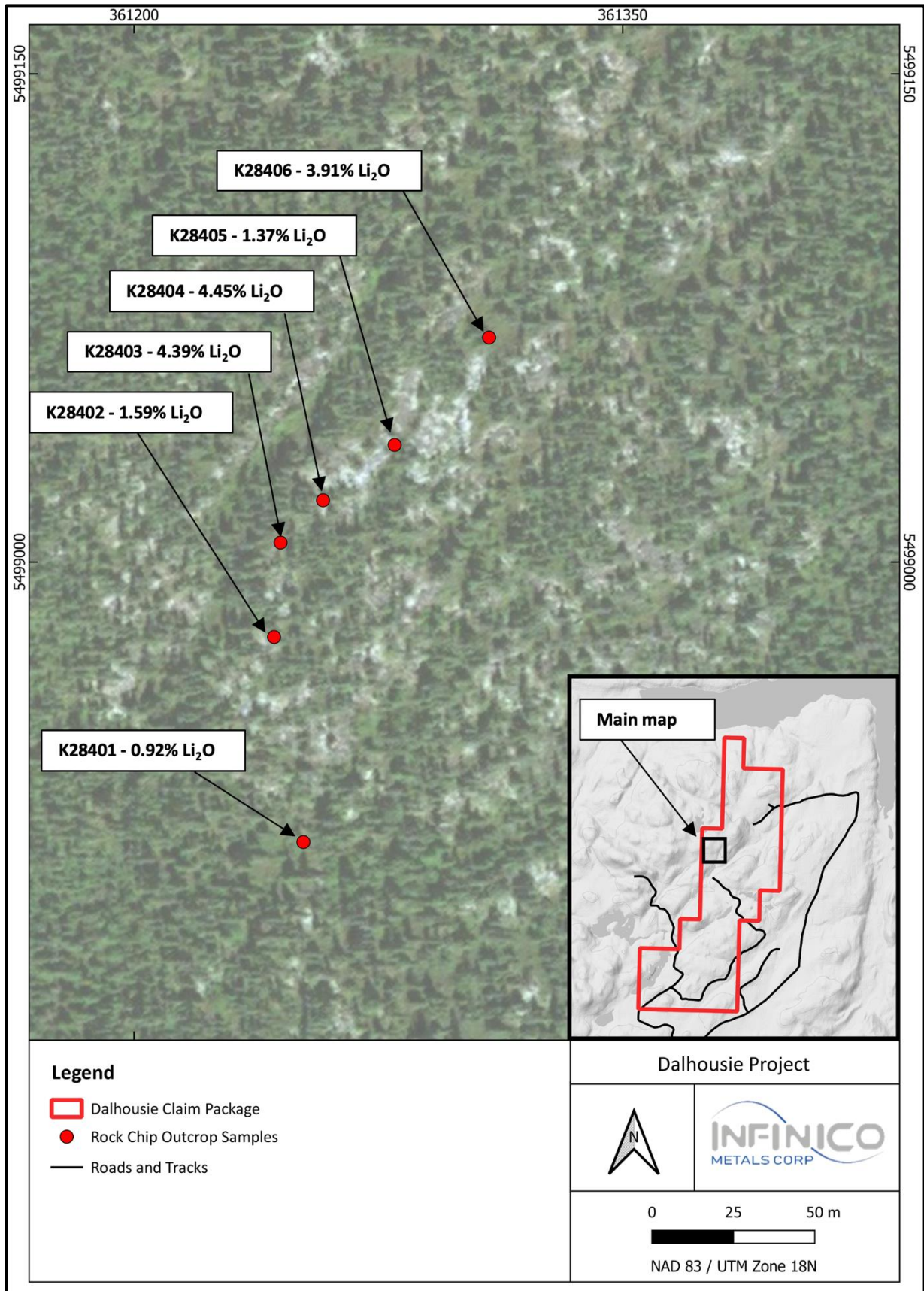


Figure 1. Plan map showing Infinico rock chip samples on a satellite image background.



Figure 2. Photograph of the lithium bearing pegmatite sampled during the field work. Hammer is approximately 40 cm long for scale.

## **About the Dalhousie Project**

The Dalhousie Project is located approximately 180 kilometres northeast of Val d'Or, Quebec, Canada. The project is fully accessible by road with nearby mining infrastructure and expertise. The project is host to a cluster of magmatic nickel sulphide occurrences within a mafic-ultramafic intrusive complex, as well as a newly recognised lithium bearing pegmatite.

## **Quality Assurance / Quality Control**

Infinico Metals adheres to a strict sampling, sample handling, sample transportation and analyses. Samples are shipped to ALS Canada Ltd.'s preparation facility in Val-d'Or. Pulps are analyzed at the ALS Canada Ltd. facility in Vancouver. All samples are analysed by sodium peroxide fusion with ICP-AES/MS finish.

## **Qualified Persons**

The technical information in this news release has been prepared by Szabolcs Orban, MSc, EFG, EurGeol (#1883), OGQ (AS-1617), Vice President of Exploration at Infinico Metals Corp., and Geneviève Boudrias, P.Geo, M.Sc., OGQ (#608), President of GBG Inc., an independent consulting geologist for Infinico Metals Corp. Both are 'qualified persons' as defined in NI 43-101. Mr. Orban and Mrs. Boudrias have both read and approved the content of this news release.

## **About Infinico Metals Corp.**

Infinico Metals Corp. is a public company on the TSX Venture Exchange (TSX-V: INFM) focusing on the exploration for critical metals in the province of Québec. The Company has signed option agreements on the Nicobi Project, hosting magmatic Ni-Cu-Co sulphide mineralization, which will be drill-tested early in 2024, and on the Dalhousie Project, which also hosts magmatic Ni-Cu-Co sulphide mineralization.

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