

### News Release

# Drilling Intersects Best Results to Date at the Marimaca Oxide Deposit: 308m at 0.94% CuT from 32m including 186m at 1.37% CuT from 154m; 26m at 4.83% CuT from 202m

Vancouver, British Columbia, January 23<sup>rd</sup>, 2023 – Marimaca Copper Corp. ("Marimaca Copper" or the "Company") (TSX: MARI) is pleased to announce the final reverse circulation ("RC") drill results from the 2022 infill drilling campaign. Results reported in this release reflect 2,766m of drilling across 13 drill holes predominantly located in the northern portion of the Marimaca Oxide Deposit ("MOD"). The results include the best copper intersection drilled to date (LAR-109), on a grade-times-width basis, at the MOD, since it's discovery in 2016. Drilling was focused in the northern and central zones of the MOD, following up on the higher-grade green oxide centres identified in the previously reported 2022 infill drilling in the northern MOD.

## **Highlights**

- Drilling focused on the northern and central zones of the MOD following up on previous 2022 infill results which identified high-grade green oxide zones in the northern MOD (see press release dated December 5<sup>th</sup>, 2022 and November 21<sup>st</sup>, 2022)
  - The northern MOD was previously interpreted to be lower grade, dominantly WAD (black oxide) copper mineralization
  - Results expected to have positive implications for average grade in northern area of the deposit for the updated Mineral Resource Estimate ("MRE") planned for the first half of 2023, targeting conversion of Inferred Resources into Measured and Indicated categories
- Highlights from reported results include
  - LAR-109 intersected 308m at 0.94% CuT from 32m, including 186m at 1.37% CuT from 154m, including 26m at 4.83% CuT from 202m
  - $_{\odot}$  TAR-37 intersected 62m at 1.02% CuT from 2m, including 28m at 1.84% from 2m
  - o ATR-167 intersected 46m at 1.23% CuT from 180m within a broader intersection of 76m at 0.79% CuT from 150m
  - $_{\odot}$  TAR-40 intersected 68m at 0.30% CuT from 60m including 26m at 0.60% CuT from 90m
  - **o** The northern MOD continues to demonstrate potential for growth beyond the northeast limits of the 2022 MRE pit
- Results represent the final assays of the 2022 infill RC campaign
  - 2,762m of diamond drilling (geological and geotechnical drilling) remains outstanding from the 2022 program with final assays pending

### **2023 Exploration Planning**

- Marimaca is finalizing plans for the H1 2023 exploration program which will follow-up on drill hole MAD-22, which
  intersected primary sulphides (dominantly chalcopyrite) down-dip of the MOD (92m at 2.11% CuT from 140m including
  22m at 5.27% CuT) see press release dated December 15, 2022
- The Company will provide an update to the market in due course

### Sergio Rivera, VP Exploration of Marimaca Copper, commented:

"The final results of the 2022 infill RC program mark the completion of an exceptionally successful year at the MOD. Grades intersected in the northern MOD continue to surprise us to the upside, while results from LAR-109, the best hole we have drilled to date at the MOD, highlights the continuity of higher-grade copper mineralization in the central MOD.



Today's results improve our confidence in the potential for upside in the planned 2023 MRE – as discussed previously, the highergrade nature of mineralization identified in the northern MOD vs. the current interpolation of grades has positive implications for Marimaca's mineral inventory.

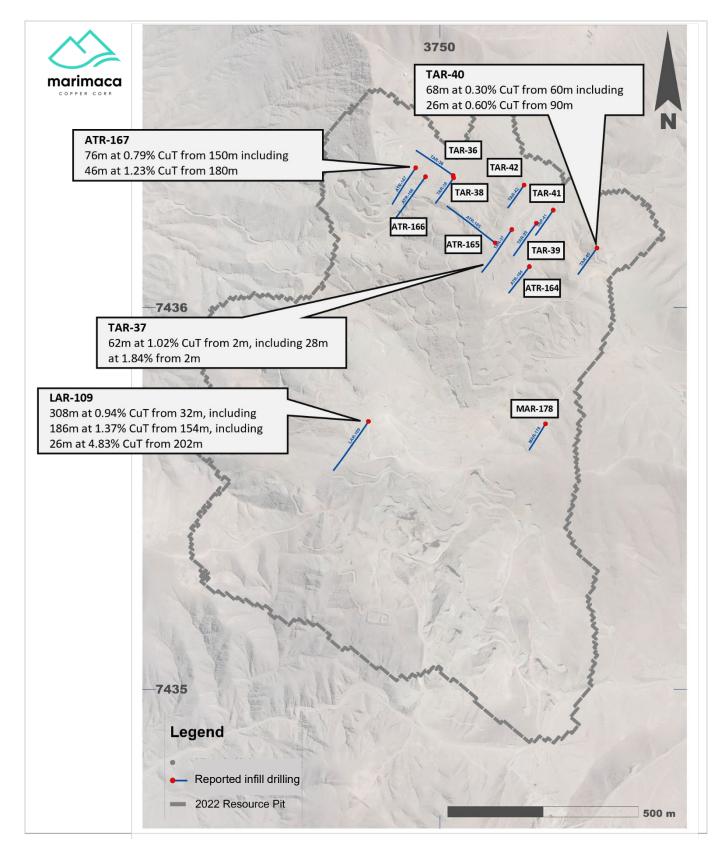
Equally as exciting, we are in the final stages of planning for the H1 2023 exploration program where we intend to investigate the potential for extensions to the sulphide mineralization identified in MAD-22. We look forward to updating the market when plans have been finalized."

## **Overview of Drilling Campaign Objectives**

Marimaca's 2022 drilling campaign consisted of over 41,500m of RC and diamond drilling between the MOD infill and the MAMIX zone, the depth extension of the MOD. The 2022 MRE, announced on October 13, 2022 incorporates 19,580m of the approximate 41,500m of drilling completed in 2022 for a total of over 110,000m of drilling completed since 2016. The balance of the 2022 infill drilling program will be included in a subsequent MRE planned for H1 2023 with the objective of converting Inferred Resources to the Measured and Indicated Categories to underpin a Definitive Feasibility Study ("DFS").



## Figure 1: Plan View of Infill Drilling Results





## Table 1. Summary of Drill Results

| Hole    | Depth (m) |                           | From (m) | To (m) | Interval (m) | CuT (%) |  |  |
|---------|-----------|---------------------------|----------|--------|--------------|---------|--|--|
| ATR-164 | 200       |                           | 68       | 102    | 34           | 0.27    |  |  |
|         |           | including                 | 44       | 56     | 12           | 0.31    |  |  |
|         |           |                           | 170      | 196    | 26           | 0.26    |  |  |
| ATR-165 | 300       |                           | 18       | 80     | 62           | 0.20    |  |  |
| ATR-166 | 250       |                           | 84       | 96     | 12           | 0.28    |  |  |
|         |           |                           | 124      | 158    | 34           | 0.28    |  |  |
|         |           |                           | 192      | 214    | 22           | 0.23    |  |  |
| ATR-167 | 226       |                           | 150      | 226    | 76           | 0.79    |  |  |
|         |           | including                 | 180      | 226    | 46           | 1.23    |  |  |
| MAR-178 | 150       |                           | 72       | 118    | 46           | 0.29    |  |  |
| LAR-109 | 350       |                           | 32       | 340    | 308          | 0.94    |  |  |
|         |           |                           | 32       | 136    | 104          | 0.32    |  |  |
|         |           | including                 | 32       | 44     | 12           | 0.42    |  |  |
|         |           | and                       | 64       | 122    | 58           | 0.40    |  |  |
|         |           |                           | 154      | 340    | 186          | 1.37    |  |  |
|         |           | including                 | 160      | 198    | 38           | 0.41    |  |  |
|         |           | and                       | 202      | 228    | 26           | 4.83    |  |  |
|         |           |                           | 238      | 262    | 24           | 0.62    |  |  |
|         |           | and                       | 278      | 328    | 50           | 1.60    |  |  |
| TAR-36  | 230       | No significant intercepts |          |        |              |         |  |  |
| TAR-37  | 250       |                           | 2        | 64     | 62           | 1.02    |  |  |
|         |           | including                 | 2        | 30     | 28           | 1.84    |  |  |
|         |           |                           | 172      | 218    | 46           | 0.37    |  |  |
|         |           | including                 | 182      | 216    | 34           | 0.42    |  |  |
| TAR-38  | 150       |                           | 90       | 104    | 14           | 0.28    |  |  |
|         |           |                           | 120      | 128    | 8            | 0.22    |  |  |
| TAR-39  | 200       |                           | 4        | 62     | 58           | 0.24    |  |  |
|         |           |                           | 86       | 92     | 6            | 0.35    |  |  |
|         | 160       |                           | 60       | 128    | 68           | 0.30    |  |  |
| TAR-40  |           | including                 | 90       | 116    | 26           | 0.60    |  |  |
| TAR-41  | 150       |                           | 24       | 72     | 48           | 0.27    |  |  |
|         |           | including                 | 24       | 42     | 18           | 0.51    |  |  |
| TAR-42  | 150       | No significant intercepts |          |        |              |         |  |  |



## Table 2. Drill Collars and Survey

| Hole    | Easting  | Northing  | Elevation | Azimuth | Inclination | Depth |
|---------|----------|-----------|-----------|---------|-------------|-------|
| ATR-164 | 375234.3 | 7436107.9 | 1111.5    | 220     | -60         | 200   |
| ATR-165 | 375144.9 | 7436169.9 | 1116.3    | 310     | -60         | 300   |
| ATR-166 | 374962.3 | 7436343.4 | 1065.1    | 220     | -60         | 250   |
| ATR-167 | 374936.5 | 7436366.9 | 1065.6    | 220     | -60         | 226   |
| LAR-109 | 374812.7 | 7435702.0 | 1123.7    | 220     | -60         | 350   |
| MAR-178 | 375276.7 | 7435695.8 | 1132.8    | 220     | -60         | 150   |
| TAR-36  | 375034.8 | 7436346.5 | 1069.2    | 310     | -60         | 230   |
| TAR-37  | 375188.5 | 7436205.0 | 1099.9    | 220     | -60         | 250   |
| TAR-38  | 375036.0 | 7436340.3 | 1069.4    | 220     | -60         | 150   |
| TAR-39  | 375252.9 | 7436221.5 | 1092.3    | 220     | -60         | 200   |
| TAR-40  | 375411.5 | 7436156.4 | 1130.4    | 220     | -60         | 160   |
| TAR-41  | 375297.0 | 7436256.0 | 1085.3    | 220     | -60         | 150   |
| TAR-42  | 375220.6 | 7436321.6 | 1082.2    | 220     | -60         | 150   |

## Sampling and Assay Protocol

True widths cannot be determined with the information available at this time. RC holes were sampled on a 2m continuous basis, with dry samples riffle split on site and one quarter sent to the Andes Analytical Assay preparation laboratory in Calama and the pulps then sent to the same company laboratory in Santiago for assaying. A second quarter was stored on site for reference. Samples were prepared using the following standard protocol: drying; crushing to better than 85% passing -10#; homogenizing; splitting; pulverizing a 500-700g subsample to 95% passing -150#; and a 125g split of this sent for assaying. All samples were assayed for %CuT (total copper) and %CuS (acid soluble copper) by AAS. A full QA/QC program, involving insertion of appropriate blanks, standards and duplicates was employed with acceptable results. Pulps and sample rejects are stored by Marimaca Copper for future reference.

## **Qualified Person**

The technical information in this news release, including the information that relates to geology, drilling and mineralization was prepared under the supervision of, or has been reviewed by Sergio Rivera, VP of Exploration, Marimaca Copper Corp, a geologist with more than 35 years of experience and a member of the Colegio de Geólogos de Chile, Instituto de Ingenieros de Minas de Chile and of the Society of Economic Geologist USA, and who is the Qualified Person for the purposes of NI 43-101 responsible for the design and execution of the drilling program.

The QP confirms he has visited the project area, has reviewed relevant project information, is responsible for the information contained in this news release, and consents to its publication.

## **Contact Information**

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#### **Forward Looking Statements**

This news release includes certain "forward-looking statements" under applicable Canadian securities legislation. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Forward-looking statements reflect the beliefs, opinions and projections on the date the statements are made and are based upon a number of assumptions and estimates that, while considered reasonable by Marimaca Copper, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forwardlooking statements and the parties have made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: risks related to share price and market conditions, the inherent risks involved in the mining, exploration and development of mineral properties, the uncertainties involved in interpreting drilling results and other geological data, fluctuating metal prices, the possibility of project delays or cost overruns or unanticipated excessive operating costs and expenses, uncertainties related to the necessity of financing, the availability of and costs of financing needed in the future as well as those factors disclosed in the annual information form of the Company dated March 28, 2022, the final short form base prospectus and other filings made by the Company with the Canadian securities regulatory authorities (which may be viewed at www.sedar.com). Accordingly, readers should not place undue reliance on forward-looking statements. Marimaca Copper undertakes no obligation to update publicly or otherwise revise any forward-looking statements contained herein whether as a result of new information or future events or otherwise, except as may be required by law.

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