



## **LION COPPER AND GOLD ANNOUNCES AGREEMENT FOR STAGE ONE WORK PROGRAM WITH RIO TINTO & COMMENCEMENT OF PERMITTING PROCESS**

**May 17, 2022, Vancouver, British Columbia** — **Lion Copper and Gold Corp.** (“**Lion CG**” or the “**Company**”) (TSX-V: LEO) (OTCQB: LCGMF) is pleased to announce it has reached final agreement with Rio Tinto America Inc. (“**Rio Tinto**”) on the scope of the Stage 1 Program of Work referenced in the Parties’ March 18, 2022 Option Agreement. See news release dated [March 21, 2022](#) for details.

With this key milestone achieved, Rio Tinto will provide funding to the Company in the amount of US\$3,750,000 for Mason Valley project development, exploration efforts and other agreed-upon corporate purposes, including without limitation:

- Project Permitting and Baseline Studies
  - Exploration Plan of Operations
  - Hydrology
  - Geochemistry
  - Wildlife surveys
  - Pre-Plan of Operations
  - Stakeholder Engagement
  - Permitting/Strategy Development
- Metallurgical Testing of MacArthur and Yerington Samples
  - Testing of Oxide, Transitional and Primary Copper Sulphide samples with Nuton™ technologies
- Engineering Scoping Studies
  - MacArthur Project and Execution Planning including a refresh of the 2021 study with Nuton™ technologies
  - Yerington Project Scoping Study including the application of Nuton™ technologies
- 6,500 ft Drill Program to Evaluate Sulphide Growth Potential
  - Drilling beneath the Yerington pit
  - Drilling beneath the current MacArthur resource pit shell

The Company is pleased to report that a bulk metallurgical sample has been delivered to Rio Tinto’s Nuton™ labs, where comprehensive metallurgical testing and optimization studies are being undertaken on oxide, transitional and sulphide material sourced from both the MacArthur and Yerington deposits.

Additionally, the Company is pleased to report that on May 12, 2022, it initiated the Project environmental permitting process with the U.S. Bureau of Land Management, a first step in formalizing the Company’s permitting efforts.

Travis Naugle, Lion CG’s CEO, states “We appreciate having quickly attained Stage 1 agreement with Rio Tinto’s Nuton™ team and look forward to further advancing the MacArthur and Yerington projects. Our first emphasis on environmental permitting reflects our shared values in ESG and local stakeholder engagement. We value Rio

Tinto's support of our goal to advance the MacArthur Project, Yerington and our other Mason Valley assets with the potential use of Nuton™ technology toward the domestic production of copper with low carbon impact."

**About Lion CG**

Lion Copper and Gold Corp. is a Canadian-based company advancing its flagship MacArthur Copper Project in Mason Valley, Nevada, in addition to advancing its exploration projects including the Chaco Bear and Ashton properties in highly prospective regions in British Columbia, Canada, and the Blue Copper Prospect in Montana, USA.

**On behalf of the Board of Directors,**

Stephen Goodman

President

**For more information please contact:**

Karen Robertson

Corporate Communications

778-898-0057

Email: [info@lioncg.com](mailto:info@lioncg.com)

Website: [www.lioncg.com](http://www.lioncg.com)

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