
GALLIUM MINERALOGY BREAKTHROUGH

GOLCONDA, ARIZONA

PRESENTATION
AUGUST 2025



IMPORTANT NOTICES

DISCLAIMER

This presentation and information contained in it is being provided to shareholders and investors for information purposes only. Shareholders and investors should undertake their own evaluation of the information and otherwise contact their professional advisers in the event they wish to buy or sell shares. To the extent the information contains any projections the Company has provided the projections based upon the information available to the Company. The Company does not make any representations as to the accuracy or otherwise of that third party information.

COMPETENT PERSON STATEMENT

The information in this announcement that relates to Exploration Results, is based on information compiled by Dr. Danny Sims, a Competent Person who is a licensed geologist and Registered Member of the Society for Mining, Metallurgy & Exploration ("SME"). Dr Sims is a consultant to Gold 50 US Inc (a wholly owned subsidiary of G50 Corp Limited), who has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person - as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Sims consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this Presentation that relates to previous mining and/or exploration work is based on information included in the Company's Prospectus dated 21 May 2021 and ASX announcements referenced within this presentation including July 14, 2025 Announcement "47.2m at 2.00 g/t Gold and 40.2 g/t Silver confirms new discovery at Golconda, Arizona" and "Golconda Gallium Mineralogy Breakthrough" dated 6 August 2025. The Company confirms that it is not aware of any new information or data that materially affects the information included within the Prospectus dated 21 May 2021 and the ASX announcements referenced.

FORWARD LOOKING AND CAUTIONARY STATEMENTS

This Presentation contains "forward-looking information" that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the pre-feasibility and feasibility studies, the Company's business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral resources, results of exploration and relations expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of lithium and other metals; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. This list is not exhaustive of the factors that may affect our forward-looking information. These and other factors should be considered carefully, and readers should not place undue reliance on such forward-looking information. The Company disclaims any intent or obligations to or revise any forward-looking statements whether as a result of new information, estimates, or options, future events or results or otherwise, unless required to do so by law.

Statements regarding plans with respect to the Company's mineral properties may contain forward-looking statements in relation to future matters that can be only made where the Company has a reasonable basis for making those statements. Competent Person Statements regarding plans with respect to the Company's mineral properties are forward looking statements. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. There can be no assurance that the Company will be able to confirm the presence of mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of the Company's mineral properties.



GALLIUM MINERALOGY BREAKTHROUGH AND EXTRACTION POTENTIAL

- **Gallium in Sericite:** Approximately 90% of the total gallium is hosted in sericite, a type of muscovite, making it the primary target for concentration and extraction
- **Hydrothermal Alteration:** Gallium is enriched in sericite, which is the dominant alteration mineral related to widespread hydrothermal alteration associated with gold, silver, and zinc mineralisation
- **Positive Vector:** Sericite alteration is a positive vector for Au-Ag-Zn mineralisation. The fact that gallium is largely present in just one mineral is a major benefit for its potential extraction

SERICITE AS PRIMARY HOST

Extraction Advantages

Gallium presence in a single mineral

- **Simplifies extraction**
- **Enhancing potential recovery from deposits**
- **Sericite's coarse-grained rock nature and amenability to flotation will favor traditional mineral processing for extraction.**



NEW DOMESTIC US SUPPLY POTENTIAL

Advancement in Gallium Understanding

Unlocking the full potential of Golconda begins with thorough mineralogy and metallurgical workflows that pave the way for its commercialisation. Our partners SGS Lakefield, are providing significant support for our ongoing conversations with potential partners who need to understand the timing and processing pathways for domestic US gallium production.

Supported by High-Grade Gold and Silver Discovery

Recent drilling revealed a substantial discovery of gold, silver, and zinc across multiple depths and strike lengths.



HIGHLIGHTS FROM PHASE 2 RC DRILLING AND SIGNIFICANT GALLIUM INTERCEPTS

Phase 2 RC Drilling Focus

Phase 2 RC drilling targeted high priority gallium alteration zones, aiming to maximize significant mineral intercepts.

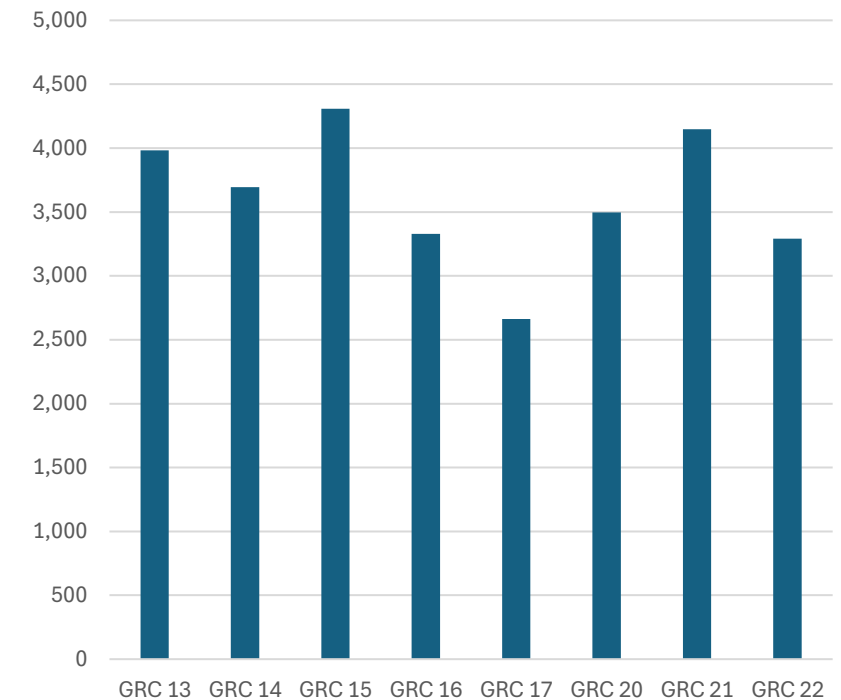
Significant Gallium Intercepts

Multiple drill holes yielded long intercepts with high gallium grades, confirming mineralization consistency

Significant Intercepts:

- 216m at 18.4 g/t Ga from 4.6m in GRC 13
- 209m at 17.7 g/t Ga from 4.6m in GRC 14
- 204m at 21.7 g/t Ga from surface in GRC 15
- 171m at 19.5 g/t Ga from 3.01m in GRC 16
- 138.7m at 19.2 g/t Ga from surface in GRC 17
- 189m at 18.5 g/t Ga from surface in GRC 20
- 247m at 16.8 g/t Ga from surface in GRC 21
- 180m at 18.3 g/t Ga from surface in GRC 22

Gallium Intercepts (gm x m)



DRILLING IN THE SHADOWS OF HEADFRAMES: DISTRICT SCALE, OPEN ALONG STRIKE AND DEPTH

Drilling and Mineral Interception

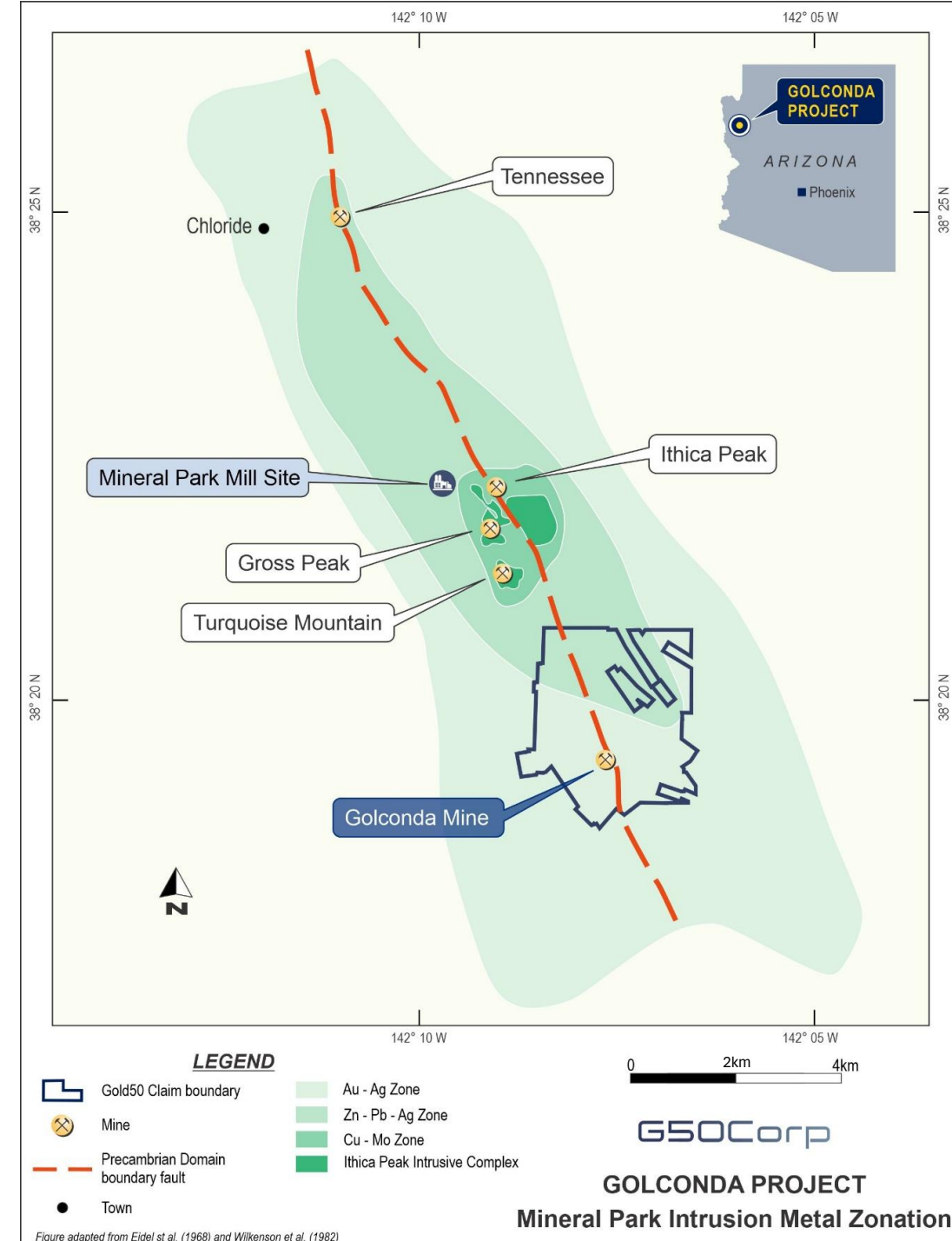
G50's drilling from 2023 to 2025 covered a large area, intercepting gold, silver, and gallium in argillic alteration zones.

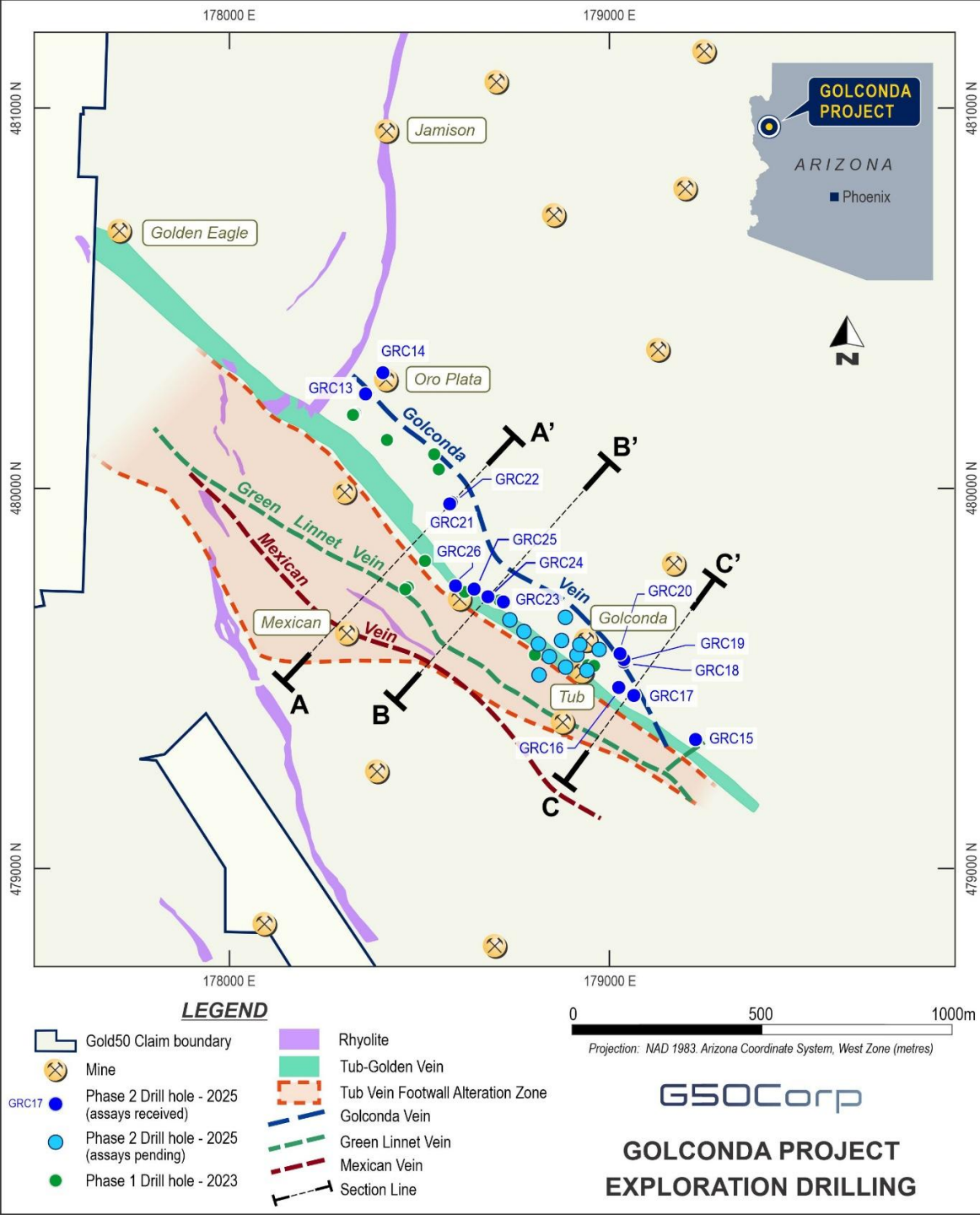
Mineral Park District and Vein Deposits

The Mineral Park copper-molybdenum deposit is central, with polymetallic veins mined for precious and base metals across G50's claims area.

Gallium Mineralogy and Exploration Potential

Mineralogical tests show gallium in silicate minerals in argillic alteration, suggesting larger exploration potential at Golconda Project.



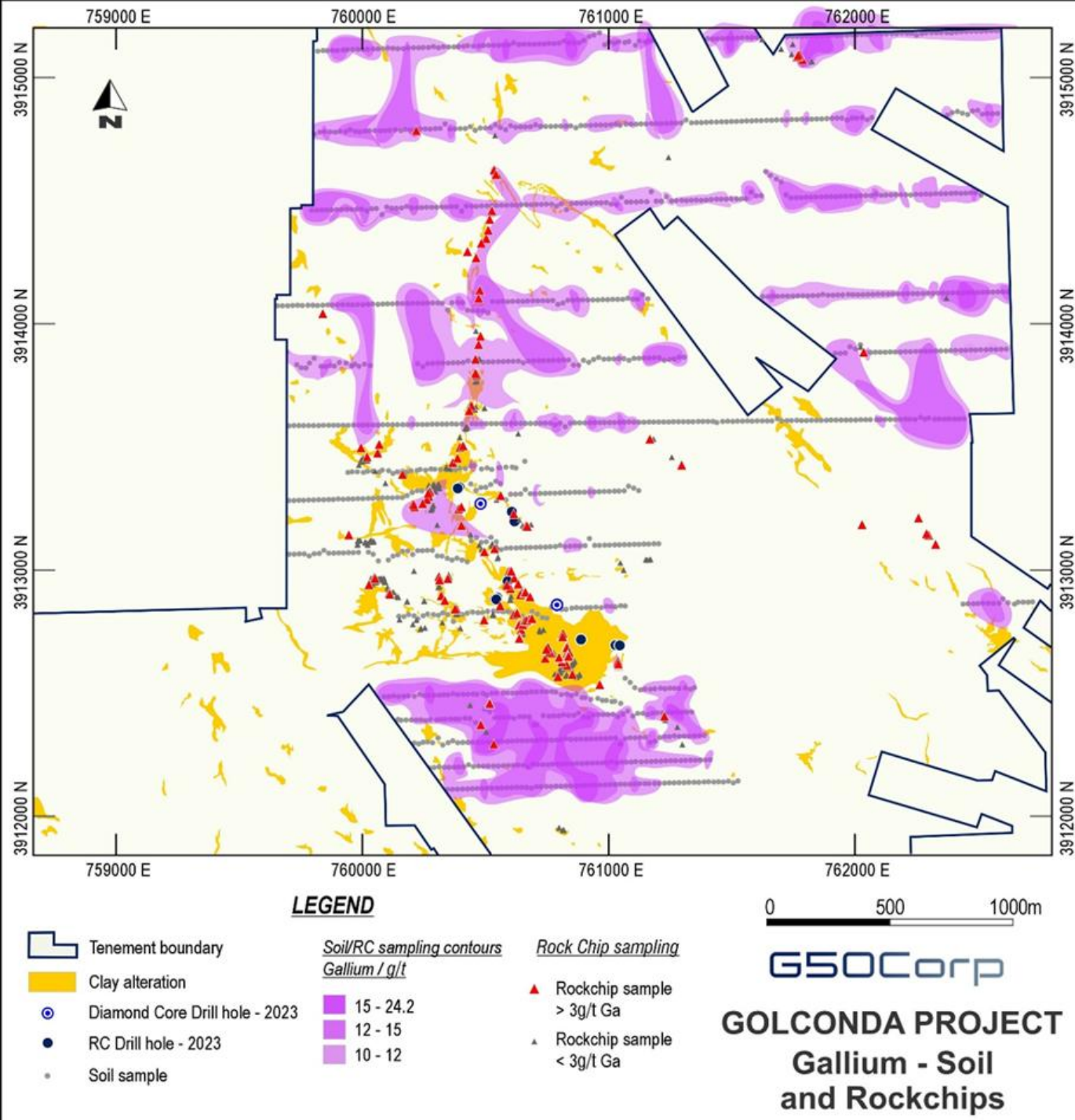


PLAN VIEW OF RC COLLAR LOCATIONS

SIGNIFICANT UPSDIE FOR GROWTH POTENTIAL

The plan displays precise locations of RC collars used in drilling by G50. RC collars are distributed to cover target zones for effective exploration drilling.

Over 1 km between GRC 13, GRC 14 and GRC 15



Current drilling has only tested a **1km x 200m** target

Significant upside to test targets up **to 5x known** gallium occurrence

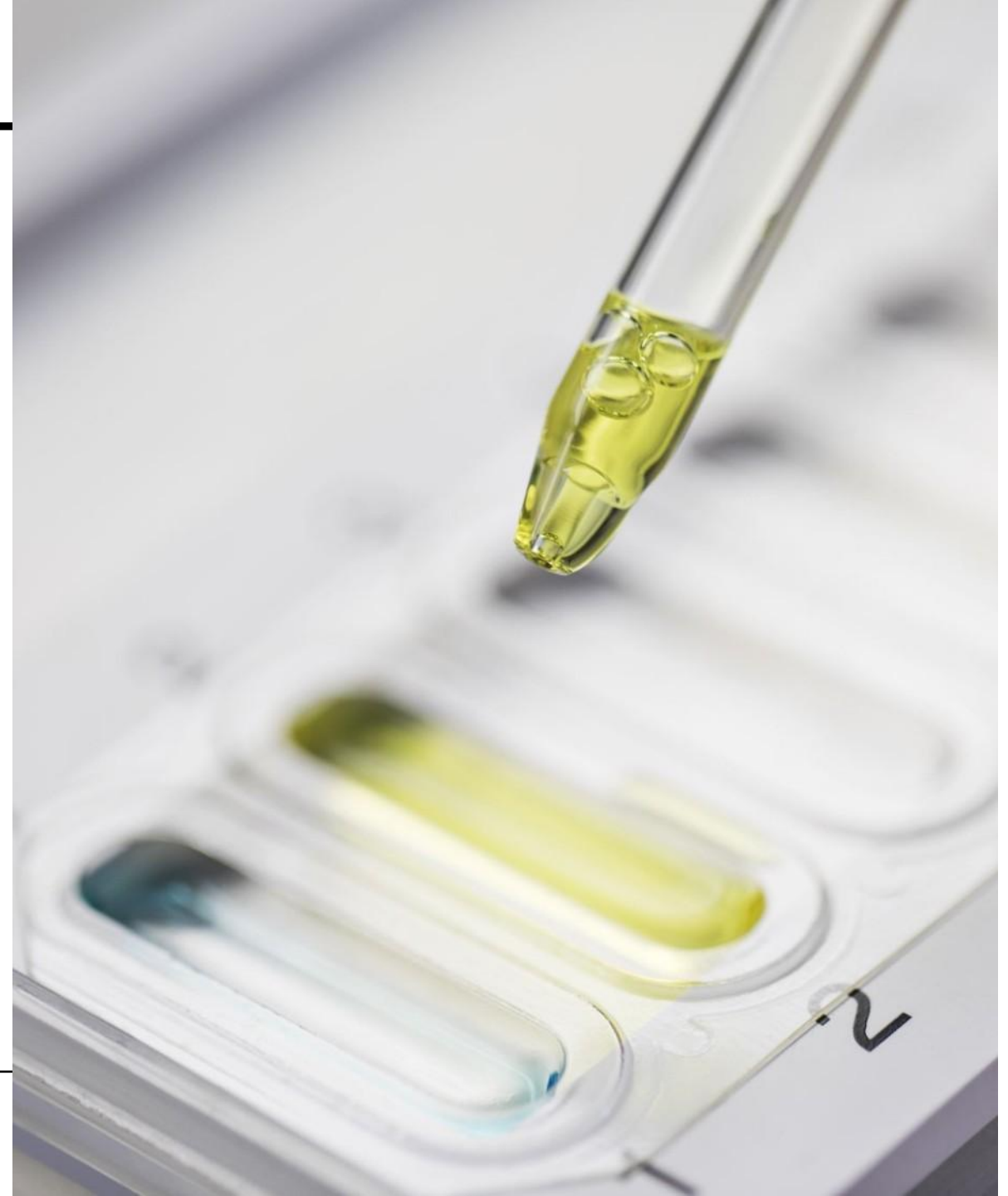
PLANNED EXTRACTION AND HYDROMETALLURGICAL STUDIES

Engagement of Expert Laboratory

SGS Lakefield will conduct specialized studies on gallium extraction from sericite (muscovite) concentrates.

Gallium Extraction Investigation

Hydrometallurgy department input will guide methods to extract gallium effectively informing the optimal techniques to concentrate gallium bearing minerals



KEY BENEFITS

Golconda is positioning itself as a significant precious metals and potential gallium supply for US domestic needs, including defense and data center power demand. This strategic positioning aligns with market demands and enhances the project's long-term prospects.

Strategic Positioning

High Gallium Concentration

Approximately 90% of the total gallium is hosted in sericite, making it the primary target for concentration and extraction. This high concentration simplifies the extraction process and enhances the project's economic viability.

Positive Vector for Mineralisation

Sericite alteration is a positive vector for gold, silver, and zinc mineralization. This means that the presence of sericite not only indicates gallium but also other valuable minerals, increasing the project's overall potential.

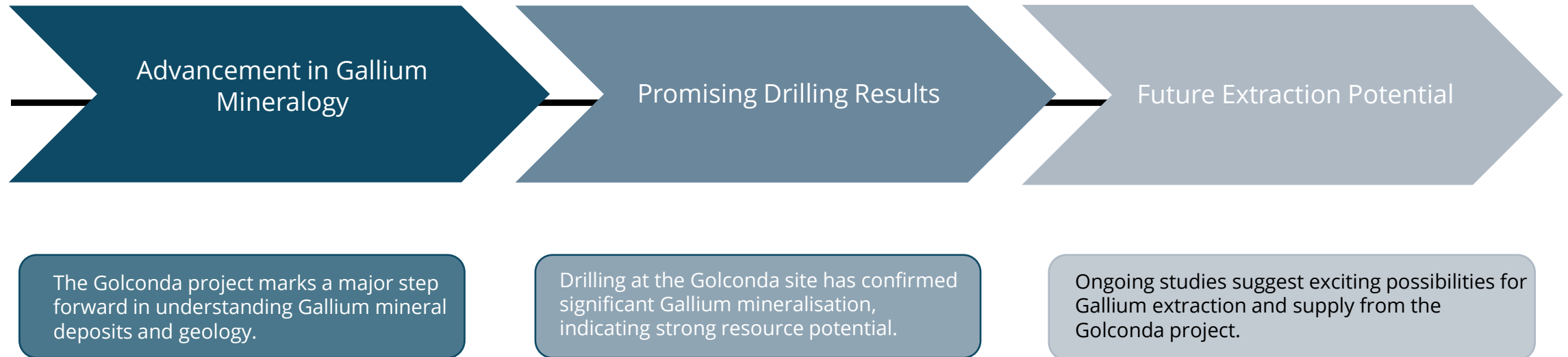
Consistent Drilling Results

Advanced Understanding and Extraction

The additional test work has significantly advanced the understanding of gallium within the alteration zone at Golconda. This positions the company to develop a conventional extraction and processing flow sheet for gallium recovery. This advancement marks an important milestone for both the Golconda Project and G50 Corp

Recent drilling has confirmed consistent gallium intercepts and grades, along with a new large gold, silver, and zinc discovery across both strike and depth. This consistency enhances the project's reliability and attractiveness to investors.

CONCLUSION





SAMPLE SELECTION AND ANALYTICAL METHODS (EPMA, LA-ICP-MS)

Sample Selection for Analysis

Core and RC samples from specific drill holes were selected for detailed mineralogical investigation.

Electron Probe Microanalysis (EPMA)

EPMA identified minerals and characterized grain size, shape, and relationships among mineral grains.

Laser Ablation ICP-MS

LA-ICP-MS analyzed main minerals to quantify trace elements, especially gallium abundance.

Ongoing Gallium Concentration Tests

Further tests are in progress to optimize concentration and extraction of gallium-bearing minerals.

APPENDIX

EXPLORATION INFORMATION EXTRACTED FROM ASX ANNOUNCEMENTS

In respect of Exploration Results referred to in this report and previously reported by the Company in accordance with JORC Code 2012, the Company confirms that it is not aware of any new information or data that materially affects the information included in the ASX announcements titled:

- "Prospectus – Gold 50 Limited" – 4 August 2021
- "35m at 5.2 g/t Gold, Discovery at Golconda" - 19 June 2023
- "308m at 28.6 g/t Gallium at Golconda" - 27 July 2023
- "New Targets to Follow Up 6m at 546 g/t Silver at Golconda" – 14 October 2024
- "Mineralogy Study Confirms Presence of Gallium in Three Related Minerals at Golconda" – 11 June 2025
- "47.2m at 2.00 g/t Gold and 40.2 g/t Silver confirms new discovery at Golconda, Arizona" – 14 July 2025
- "Golconda Gallium Mineralogy Breakthrough" – 6 August 2025

All material assumptions and technical parameters underpinning the information in the reports continue to apply and have not materially changed.