

Corporate Presentation May 2022

Cautionary Notes



Cautionary Note Regarding Forward-Looking Statements

Except for statements of historical fact relating to us, certain statements contained in this presentation constitute forward-looking information, or financial information, or financial information, or financial information") within the meaning of the United States of America laws. Forward-looking information may be contained in this document and our other public filings. Forward-looking information relates to statements concerning our outlook and anticipated events or results and in some cases can be identified by terminology such as "may", "will", "could", "should", "expect", "plan", "anticipate", "believe", "intend", "estimate", "projects", "predict", "potential", "continue" or other similar expressions concerning matters that are not historical facts.

Forward-looking statements in this presentation are based on certain key expectations and assumptions made by us. Although we believe that the expectations and assumptions on which such forward-looking statements are based are reasonable, undue reliance should not be placed on the forward-looking statements because we can give no assurance that they will prove to be correct. Forward-looking statements are subject to various risks and uncertainties which could cause actual results and experience to differ materially from the anticipated results or expectations expressed in this presentation. The key risks and uncertainties include, but are not limited to: local and global political and economic conditions; governmental and regulatory requirements and actions by governmental authorities, including changes in government policy, government ownership requirements, changes in environmental, tax and other laws or regulations and the interpretation thereof; developments with respect to the coronavirus disease ("COVID-19") pandemic, including the duration, severity and scope of the pandemic and potential impacts on mining operations; and other risk factors detailed from time to time in our reports filed with the Securities and Exchange Commission ("SEC").

Forward-looking statements in this presentation include statements concerning, among other things: forecasts; outlook; timing of production; production; production; cost, operating and capital expenditure guidance; our intention to return excess attributable free cash flow to shareholders; the timing and implementation of the dividend policy; or the implementation of any share buyback program or other supplements to the 'Base Dividend'; statements regarding plans or expectations for the declaration of future dividends and the amount thereof; future cash costs and all-in sustaining costs ("AISC") per payable ounce of gold, silver and other metals sold; the prices of gold, silver and other metals; mineral resources, mineral reserves, realization of mineral reserves, and the existence or realization of mineral resource estimates; our ability to discover new areas of mineralized stripping at our operations; the timing of production and production nand development programs;; current financial resources being sufficient to carry out plans, commitments and business requirements for the next twelve months; movements in commodity prices not gold, silver and development of proposed mines and production rates for gold, silver and other metals produced by us; the estimated cost of sustaining of construction and development of proposed mines and process facilities; ongoing or future development plans and capital replacement; estimates of expected or anticipated economic returns from our mining projects, including future sales of metals, concentrate or other products produced by us and the timing thereof; our plans and expectations for our properties and operations; and all other timing, exploration, development, operational, financial, budgetary, economic, legal, social, environmental, regulatory, and political matters that may influence or be influenced by future events or conditions.

Such forward-looking information and statements are based on a number of material factors and assumptions, including, but not limited in any manner to, those disclosed in any other of our filings, and include: the inherent speculative nature of exploration results; the ability to explore; communications with local stakeholders; maintaining community and governmental relations; status of negotiations of joint ventures; weather conditions at our operations; commodity prices; the ultimate determination of and realization of Mineral Reserves; existence or realization of Mineral Reserves; the development approach; availability and receipt of required approvals, titles, licenses and permits; sufficient working capital to develop and operate the mines and implement development plans; access to adequate services and supplies; foreign currency exchange rates; interest rates; access to capital markets and associated cost of funds; availability of a qualified work force; ability to negotiate, finalize, and execute relevant agreements; lack of legal challenges with respect to our properties; the timing and amount of future production; the ability to meet production, availability of sufficient financing; the ultimate ability to mine, process, and sell mineral products on economically favorable terms; and any and all other timing, exploration, development, operational, financial, budgetary, economic, legal, social, geopolitical factors that may influence future events or conditions. While we consider these factors and assumptions to be reasonable based on information currently available to us, they may prove to be incorrect.

You should not place undue reliance on forward-looking information and statements. Forward-looking information and statements are only predictions based on our current expectations and our projections about future events. Actual results may vary from such forward-looking information for a variety of reasons including, but not limited to, risks and uncertainties disclosed in our filings on our website at <u>www.goldresourcecorp.com</u>, on EDGAR at <u>www.sec.gov</u> and other unforeseen events or circumstances. Other than as required by law, we do not intend, and undertake no obligation to update any forward-looking information to reflect, among other things, new information or future events.

All references to "\$" in this presentation are to U.S. dollars unless otherwise stated

Cautionary Note Regarding Non-GAAP Measures

This presentation includes certain terms or performance measures commonly used in the mining industry that are not defined under the United States of America generally accepted accounting principles ("GAAP"), including free cash flow, cash costs and AISC per payable ounce of gold and silver sold, realized metal prices, earnings before interest, taxes, depreciation and amortization ("EBITDA"), adjusted attributable net income, adjusted basic attributable earnings per share, consolidated cash and consolidated net cash. Non-GAAP measures do not have any standardized meaning prescribed under GAAP and, therefore, they may not be comparable to similar measures employed by other companies. We believe that, in addition to conventional measures prepared in accordance with GAAP, certain investors use this information to evaluate our performance. The data presented is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with GAAP.

Growing Junior Producer



- Junior precious metals producer with significant base metal credits
- Low-cost producer with potential to lower costs further by improving operating practices
- New, independent board and management focused on disciplined growth
- Strong Balance sheet and cash flow to fund growth
- Consistent dividend payer >\$120M paid over 11 years
- Disciplined capital allocation practices
- Organic pipeline of potential development projects from large land position in Mexico and Michigan, USA



Properties – Mexico and Michigan



BACK FORTY

DON DAVID GOLD



Production, Development & Exploration Company

- High-grade gold & silver potential
- Mining friendly jurisdiction
- Large land position with exploration potential



Don David Gold Mine

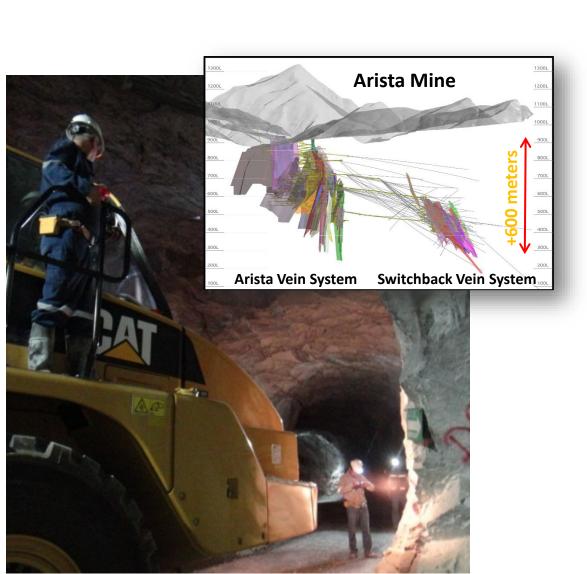
- Our Mexico Operations are focused on health, safety and ESG
- New geological models are leading to much better mine planning
- Six potential high-grade gold and silver properties 560 square kilometers
- 55-kilometer mineralized structural corridor

| Property / Project | Interest | Exploration | Development | Production |
|--------------------|----------|--------------|--------------|--------------|
| Arista Mine | 100% | \checkmark | \checkmark | ✓ |
| Alta Gracia | 100% | \checkmark | \checkmark | \checkmark |
| Margaritas | 100% | \checkmark | | |
| Chamizo | 100% | \checkmark | | L |
| Fuego | 100% | \checkmark | | |
| Rey | 100% | \checkmark | | |



Arista Mine

- Epithermal vein system
 - Intermediate sulfidation
- Large system, parallel veins
- High-grade gold, silver deposit (polymetallic)
 - Base metals; Cu, Pb, Zn
- Current 6-year mine life with infill expansion probable



GOLD RESOURCE

R P O R A T I O N

CO

Arista Mine - Potential







- Two infill holes intercepted higher gold grades than modeled
- Q2/Q3 drilling confirmed downdip extension of Switchback vein system
- Intercepts identifying precious and base metal mineralization ~80 meters below mine workings
- Significant gold and silver mineralization intercepted outside existing reserves - deeper intersections of Switchback system
 previously only identified base metal mineralization

Processing plant





- Flexible mill design
- Flotation Circuit (Arista Mine)
 - Nominal ~1,800 tonne/day (t/d)
- Agitated leach circuit*
 - Targeted initial 150 t/d throughput
 - Nominal ~300 t/d ball mill capacity
- 2021 Combined Mill Processing: 1,512 t/d

Highlights:

- Filter plant & dry stack facilities completed in 2021
- Power capacitors installed to increase stability & lower diesel consumption
- Gold regrind circuit construction progressing 6-10% increase in Au recovery

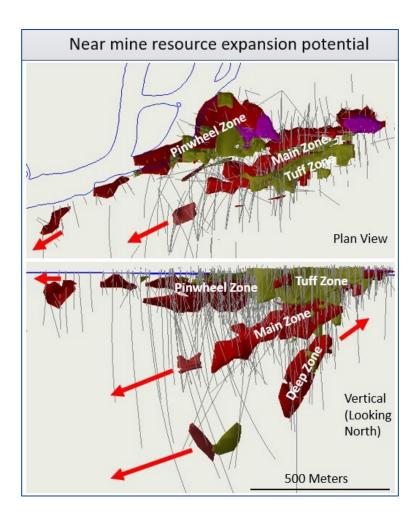
Back Forty Project

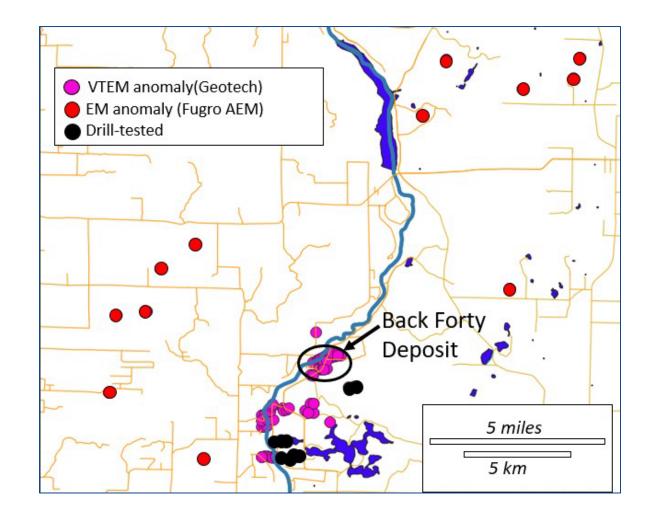
- Back Forty Project will provide 10+ years of production in the near term
- Gold mineralization increases by ~500%
- Once in production, the grade and profitability of Back Forty are expected to be superior to the grade and profitability of Don David Gold
- Two mine company with geographic diversification
- Clear path to mid-tier status with anticipated rerating of GORO stock



Back Forty - Potential







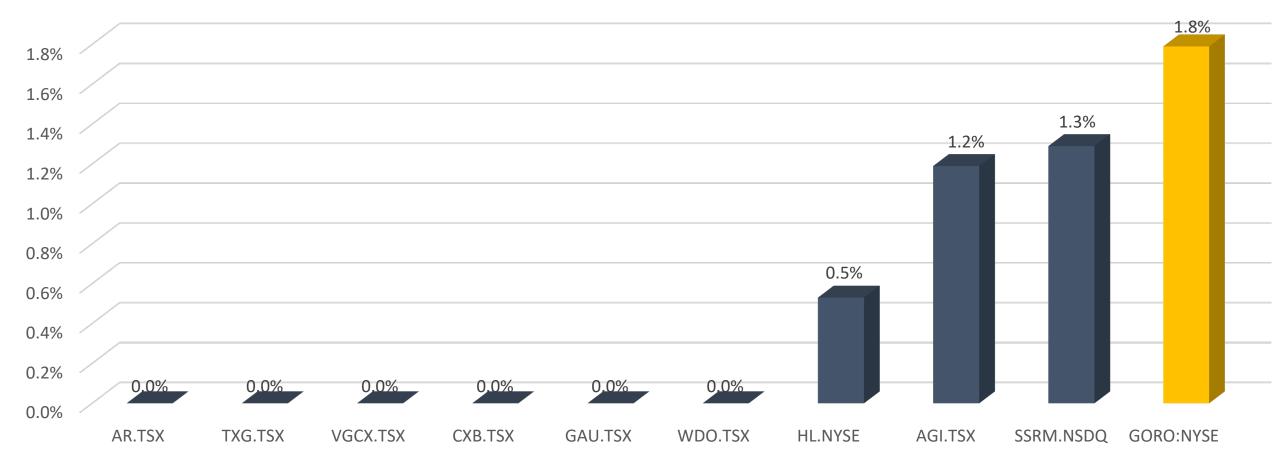
With Back Forty we will now...



| Finalize | New block models and resource estimates for Back Forty Project |
|-----------------|--|
| Develop | Revised mine plan |
| Evaluate | Alternative process flowsheets |
| Complete | Definitive feasibility study |
| Review / Refine | Permitting strategy to ensure successful receipt of permits |
| Expedite | Construction of project |

Superior Dividend Yield

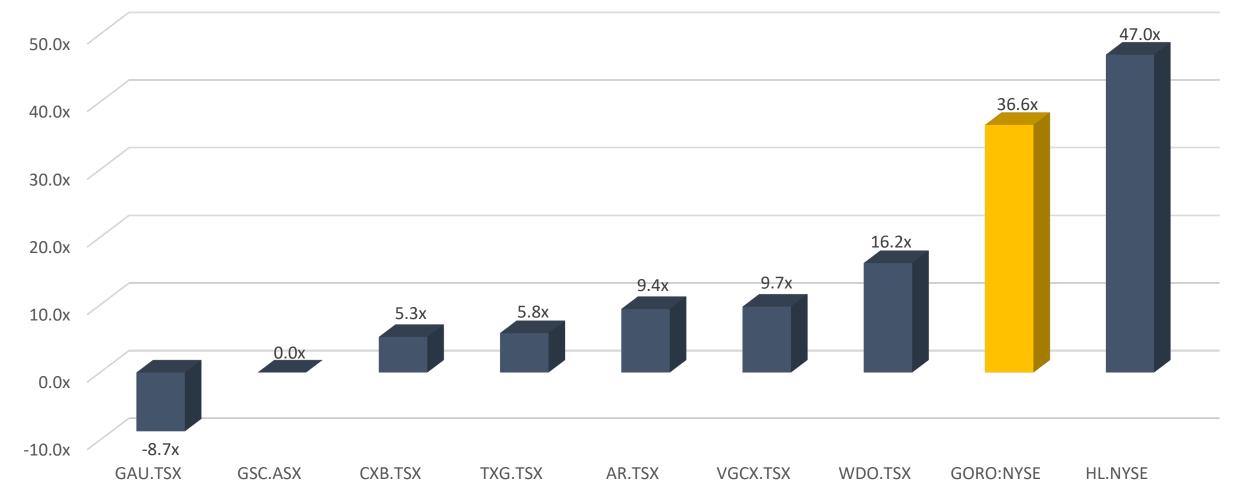




Source: Peer group based on BMO publication (May 6, 2022) – Figures derived from FY 2022 Estimate GORO figures based on published 10-Q filing as at March 31, 2022

Price to Earnings

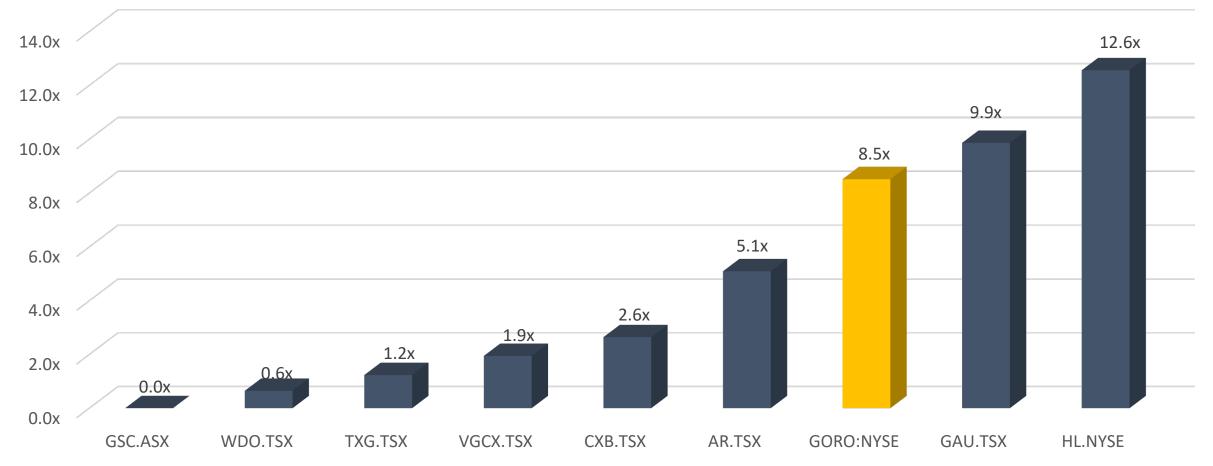




Source: Peer group based on BMO publication (May 6, 2022) – Figures derived from FY 2022 Estimate GORO figures based on published 10-Q filing as at March 31, 2022







Source: Peer group based on BMO publication (May 6, 2022) – Figures derived from FY 2022 Estimate GORO figures based on published 10-Q filing as at March 31, 2022

Conservative Capital Structure



| Capital Structure | US\$ (where applicable) |
|-------------------------------------|-------------------------|
| Shares Outstanding | 88.3M |
| Options, DSUs, RSUs | 3.0M |
| Fully Diluted | 91.3M |
| Cash Position (03/31/22) | \$31.2M |
| Long and Short-term Debt (03/31/22) | \$0.00 |

GRC Shares (as at May 10, 2022 Close)



| | US\$ (w | here applicable) |
|---|----------------|------------------|
| Share Price | | \$1.79 |
| Avg. daily volume (NYSE American) (3-mths trail | ing) | 1.48M |
| 52-week range | | \$1.50 - \$2.99 |
| Market Capitalization | | US\$158M |
| Year-End | | December 31 |
| Top Six Holders | Position (000) | As % |
| Van Eck Associates Corp. | 4,800 | 5.4% |
| The Vanguard Group, Inc. | 3,308 | 3.7% |
| Dimensional Fund Advisors LP | 2,009 | 2.3% |
| Ruffer LLP | 1,720 | 1.9% |
| Mirae Asset Global Investments | 1,615 | 1.8% |
| BMO Global Asset Management | 1,542 | 1.7% |

Why Gold Resource Corporation



• Focused on creating value through highly disciplined growth & capital allocation

• Commitment to environmental & social stewardship

• Healthy balance sheet & strong cash flows

• Strong leadership, technical and operational team



Supplemental Information Related to Our ESG Programs

GORO – ESG Quarter Highlights

Committed to Responsible Environmental, Social and Governance (ESG) Initiatives

- Processing tailings through the filtration plant and dry stack facility; contributing to water conservation and accelerated reclamation of the open pit
- Processed over 1,000 tonnes of artisanal tailings from the local community to ensure proper environmental treatment and storage
- Eighth straight year Don David Gold Mine has earned the prestigious Empressa Sociamente Responsable award
- Back Forty Project feasibility study progressing under a mandate to ensure environmentally friendly practices are incorporated into the optimized design
- Engaged with experts and the community to develop an ESG framework focused on environmental stewardship and the health and sustainability of our host communities





Socially Responsible - Health and Safety Focused



Company awarded Mexico's "ESR" seal for eighth

consecutive year







Safety Commissions







Fire Brigade



Labor Environment



Protections



Health & Safety Golden Rules





Environmental and Social Initiatives

In addition to costs savings at site, added benefit of power line, completed in 2019, was access to electricity for about 25,000 homes for the first time

Plant Nursery / Reforestation



Dental Clinic Health Clinic



Town Infrastructure



Sustainable Development



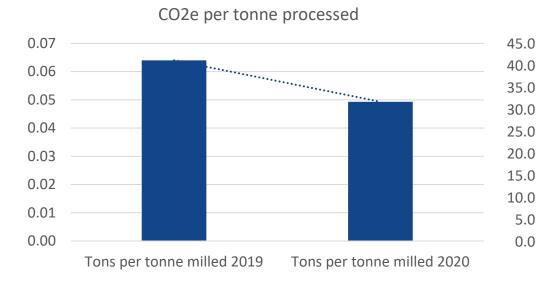
Commitment to Hire

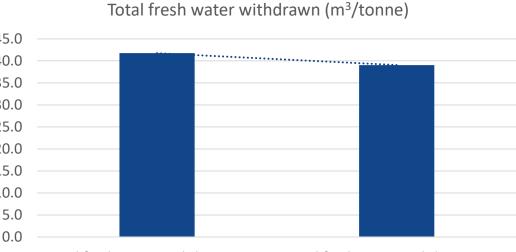
Student Scholarships



Q4 2021 - 2020 Sustainability Accounting Standards Board Report Released

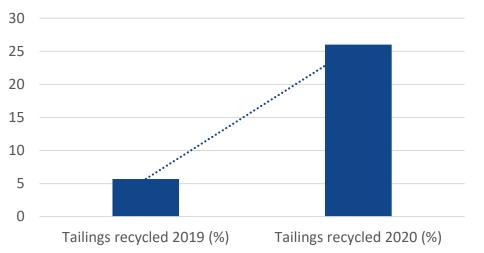




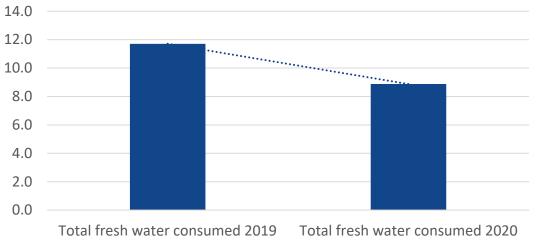


Total fresh water withdrawn 2019 Total fresh water withdrawn 2020

Tailings Recycled (%)



Total fresh water consumed (m³/tonne)



Tres Palmas Mine Camp





Green construction saved over two million plastic bottles from the landfill as recycled plastic "block walls".









