April 2024

TSX-V: ABRA OTCQX: ABBRF



A High-Growth Silver and Gold Explorer

www.abrasilver.com

## **Disclaimers**



This presentation, as supplemented or amended from time to time, is for information purposes only and does not constitute an offer to sell or a solicitation of an offer to buy securities. The information contained herein has been prepared for the purpose of providing interested parties with general information to assist them in their evaluation of AbraSilver Resource Corp. ("AbraSilver" or the "Company") and this presentation should not be used for any other purpose.

This presentation does not contain, nor does it purport to contain, a summary of all of the material information concerning the Company or the terms and conditions of any potential investment in the Company. If and when you determine to proceed with discussions and investigations regarding a possible investment in the Company, prospective investors are urged to carry out independent investigations in order to determine their interest in investing in the Company. Prospective investors should not construe the contents of this presentation as legal, tax, regulatory, financial or accounting advice and are urged to consult with their own advisers in relation to such matters. This presentation is not, and under no circumstances is to be construed as, a prospectus, an advertisement or a public offering of securities in Canada, the United States, or any other jurisdiction has reviewed or in any way passed upon this document or the merits of the securities described herein, and any representation to the contrary is an offence.

FORWARD-LOOKING STATEMENTS: This presentation contains "forward-looking statements" and/or "forward-looking information" (collectively, "forward-looking statements") within the meaning of applicable securities legislation. All statements, other than statements of historical fact, are forward-looking statements. Generally, forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expect", "is expected", "in order to", "is focused on" (a future event), "estimates", "intends", "anticipates", "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", or the negative connotation thereof. In particular, statements regarding the Company's future operations, future exploration and development activities or other development plans constitute forward-looking statements. By their nature, statements referring to mineral reserves or mineral resources constitute forward-looking statements in this news release include, but are not limited to statements with respect to the results (if any) of further exploration work to define and expand or upgrade mineral resources and reserves at the Diablillos Project ("Diablillos" or the "Project"); the anticipated exploration, drilling, development, construction and other activities of the Company and the results of such activities, including the completion of a preliminary scoping study in H1/2024; the mineral reserve estimates of the Project (and the assumptions underlying such estimates); the ability of exploration work (including drilling) to accurately predict mineralization; the focus of the anticipated Phase IV exploration campaign at the Project; the ability to realize upon mineralization in a manner that is economic; and any other information herein that is not a historical fact.

The Company considers its assumptions to be reasonable based on information currently available but cautions the reader that these assumptions regarding future events, many of which are beyond the control of the Company, may ultimately prove to be incorrect since they are subject to risks and uncertainties that affect the Company, its properties and business. Such risks and uncertainties include, but are not limited to, changes in demand for and price of gold, silver and other commodities (such as fuel and electricity) and currencies; changes or disruptions in the securities markets; legislative, political or economic developments in Argentina; the need to obtain permits and comply with laws and regulations and other regulatory requirements; the possibility that actual results of work may differ from projections/expectations or may not realize the perceived potential of the Company's projects; risks of accidents, equipment breakdowns and labour disputes or other unanticipated difficulties or interruptions; the possibility of cost overruns or unanticipated expenses in development programs; operating or technical difficulties in connection with exploration, mining or development activities; the speculative nature of exploration and development, including the risks of diminishing quantities of grades of reserves and resources; and the risks involved in the exploration, development and mining business and the additional risks described in the Company's most recently filed Annual Information Form, annual and interim management's discussion and analysis and other disclosure documents which are available on SEDAR+ (www.sedarplus.ca) under the Company's issuer profile. The Company's anticipation of and success in managing the foregoing risks could cause actual results to differ materially from what is anticipated in such forward-looking statements. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking s

# A High-Growth Silver & Gold Explorer





### An Advanced-Stage Open Pit Oxide Silver-Gold Project

- P&P Reserves<sup>(1)</sup>: 42.3Mt @ 91 g/t Ag and 0.81 g/t Au
- 123 M oz Silver & 1.1 M oz Gold (209 M oz Silver-Equivalent)



### Robust Pre-Feasibility Study ("PFS") Results(2)

- ► NPV<sub>5%</sub>: **US\$494 Million** (~C\$670M); **IRR of 26%**; **2.6 year payback**
- Avg. Production: 13.3Moz AgEq (7.7Moz Ag, 71 koz Au); AISC of \$12.40/oz AgEq



### Industry-Leading Track Record of Delivering Resource Growth

- Since 2020, ABRA has grown Diablillos' M&I resource by ~100%, at an avg discovery cost of only US\$0.11/oz AgEq (3)
- Large land package with multiple high-priority exploration targets



## Robust Balance Sheet & Supportive Shareholders

- Healthy cash position of ~C\$7M (as of Sept. 30)
- Top Shareholder: Eric Sprott (~12%)



# Attractive Valuation Upside & Strong Shareholder Support



| CAPITALIZATION (as of Apr. 02, 2024)   |               |
|--|---------------|
| Basic Shares Outstanding               | 563M          |
| Share Price (CAD)                      | \$0.35        |
| Market capitalization                  | C\$200M       |
| Cash (estimate at Sept. 30th)          | ~C\$7M        |
| Average daily trading volume (FY 2023) | +1.3M         |
| 52-week high/low (CAD)                 | \$0.48/\$0.22 |

| TOP SHAREHOLDERS        |      |
|-------------------------|------|
| Eric Sprott             | 12%  |
| Management & Board      | 4%   |
| Institutional Investors | ~30% |
| Retail Investors        | ~55% |

#### **Analyst Coverage**



VIII EIGHT CAPITAL

Don DeMarco

Felix Shafigullin





Michael Curran

Christopher Ecclestone

#### Multiple Near-Term Catalysts on the Horizon



Complete Pre-Feasibility Study at Diablillos (Q1)



Commence Phase IV Exploration Campaign



Drill results from large-scale La Coipita Cu porphyry project (partnership with Teck)



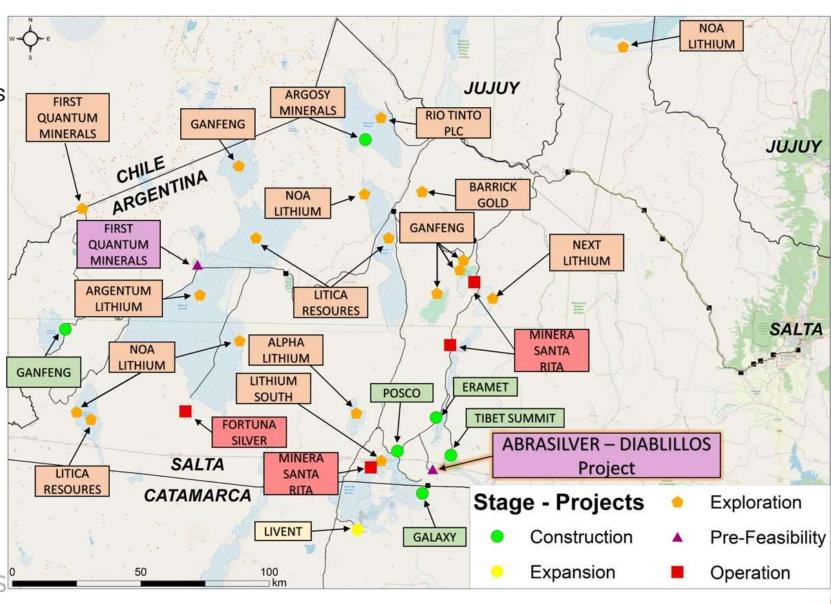
Advance technical studies and development plans

# Salta Ranked #1 for Investment Attractiveness<sup>1</sup> in Latin America



A Salta: Home to some of the largest global mining companies **ABRASILVER** RioTinto BARRICK ANGLOGOLDASHANTI FIRST QUANTUM FORTUNA GanfengLithium posco eramet

**Lithium** America





## Robust PFS Results - With Significant Upside



| March 2024 PFS Study – Operation Metrics     |  |  |  |  |
|--|--|--|--|--|
| Mine Life / Throughput                       | <b>13 years</b> (9,000 tpd)  |  |  |  |
| Initial Capital Expenditures                 | \$373 million  |  |  |  |
| Avg Annual Production – First 5 years        | 14.5M oz silver, 44koz gold (17.9Moz AgEq)<br>@ AISC: US\$9.97/oz AgEq |  |  |  |
| Avg Annual Production – Life-of-Mine ("LOM") | 7.7M oz silver, 71koz gold (13.3Moz AgEq)<br>@ AISC: US\$12.40/oz AgEq |  |  |  |

## PFS Study – Financial Metrics<sup>1</sup>

NPV @ 5% (US\$) \$494 Million

NPV @ 5% (CAD\$)
\$672
Million

IRR 26 %

2.4 Years

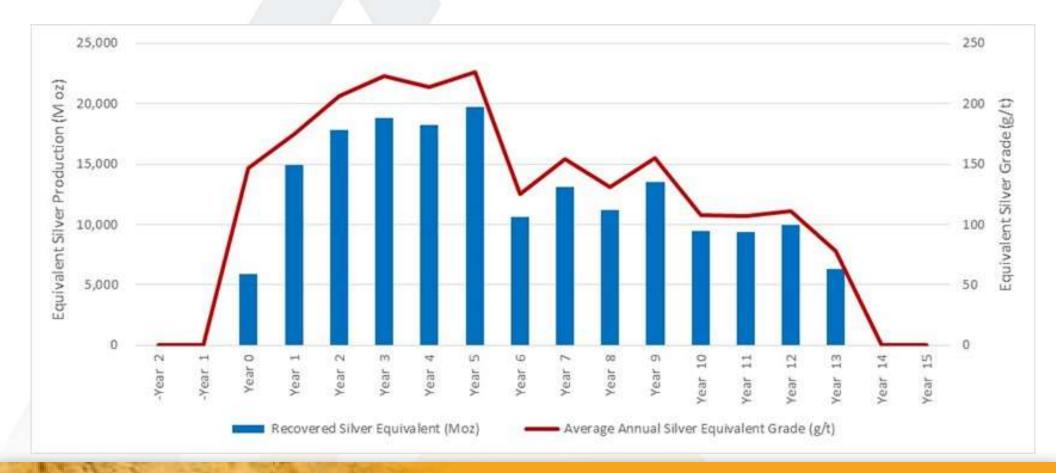
# Attractive Production Profile With High Grades Upfront



Avg annual production in first five years of 17.9Moz AgEq with peak of 19.7Moz AgEq (Year 5)

Avg grade in first five years of +209 g/t AgEq (peak of 226 g/t AgEq in Year 5)

Avg after tax cash flow of +US\$155M per year over first five-years



# PFS - Multiple Opportunities For Further Upside





### **Phase IV Exploration**

- Expand Resources & Reserves within existing deposits and new mineralized zones
- Priority targets: Oculto, JAC, Fantasma, Laderas, JAC North & Alpaca



# **Evaluating Sulphide Potential** at Depth

- PFS based exclusively on oxides with max depth of ~300m
- Selective deeper drilling to date has encountered mineralization down to ~550m with high grades of Cu, Au & Ag



### **Processing Material Below Cut-off Grade**

- Evaluating potential to process lower-grade material currently being classified as waste via low-cost processing options (e.g. heap leaching)
- Initial analysis indicates higher net asset value & IRR can be achieved



# Improved Fiscal Terms (Taxes & Mining Export Duties)

- Total taxes, royalties & export duties in PFS total \$1,087 million.
- Argentinean federal government considering proposal to lower taxes from 35% to 25%, eliminate export duties & other favourable measures

## **Excellent Torque to Rising Silver & Gold Prices**



At spot prices, the Diablillos project has a Net Present Value (NPV) of **CAD\$900 M or \$1.60/sh.** ABRA is currently trading at ~**0.20x** NPV.

NPV5% increases by C\$106m for every change of US\$1/oz Ag & US\$100/oz Au

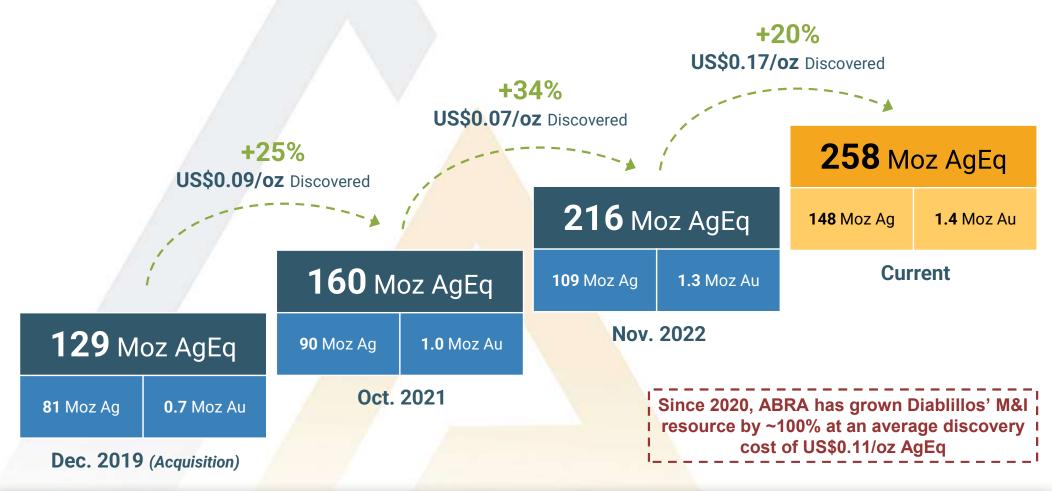
|  | PFS Study<br>(Mar 2024)         | Spot Prices<br>(Mar. 21 2024) | PFS Prices<br>+ 15% |
|--|---------------------------------|-------------------------------|---------------------|
| Silver/Gold Price                                | \$23.50 / <mark>\$1,85</mark> 0 | \$24.76 / \$2,181             | \$27.03 / \$2,128   |
| IRR (after-tax)                                  | 26%                             | 30%                           | 33%                 |
| NPV 5.0% (US\$ M)                                | \$494 M                         | \$662 M                       | \$742 M             |
| NPV 5.0% (CAD\$ M)  CAD:USD rate of 1.36:1       | \$672 M                         | \$900 M                       | \$1,009 M           |
| NPV / share (\$CAD) Shown on a basic share count | \$1.19/sh                       | \$1.60/sh                     | \$1.79/sh           |
| Current Price / NPV                              | 0.27x                           | 0.20x                         | 0.18x               |

## Strong Record of Delivering Resource Growth



✓ Updated Diablillos M&I Resource of 258 Moz AgEq → represents an increase of 20% relative to the November 2022 resource – underpinned by the recently-discovered, high-grade JAC target

### Diablillos Resource Growth Since Acquisition (M&I Contained)(1)(2)



Source: Capital IQ; Corporate disclosure; National Bank Financial

Resource growth calculated based on AgEq and reflects Au:Ag ratio and metallurgical recoveries

<sup>2019-2021:</sup> US\$2.7M (15,100m drilled); 2021-2022: US\$4.1M (18,500m drilled); 2022-2023: US\$7.3M (24,100m drilled); 2021-2022: US\$4.1M (18,500m drilled); 2022-2023: US\$7.3M (24,100m drilled); 2021-2022: US\$4.1M (18,500m drilled); 2021-2022: US\$4.1M (18,500m drilled); 2022-2023: US\$7.3M (24,100m drilled); 2021-2022: US\$4.1M (18,500m dril

# Diablillos Projected Mine Site Layout



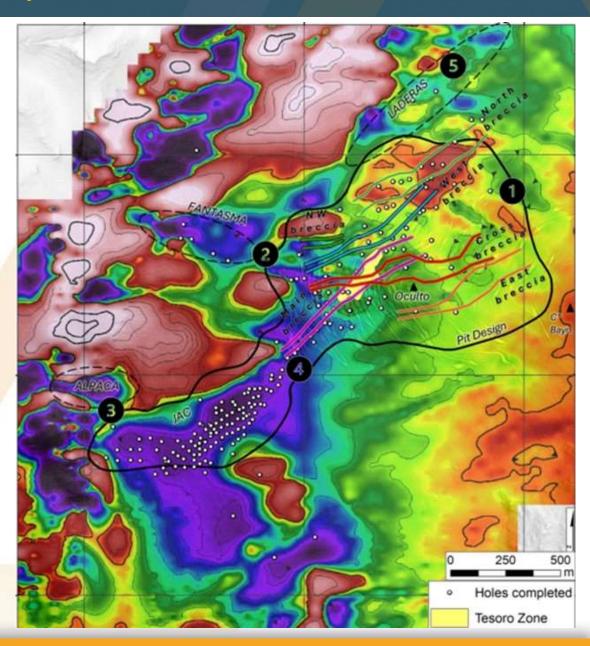


# District-Scale Potential: Mineralization Open in Multiple Directions



- Multiple targets to expand high-grade zones around Oculto & JAC pit shells:
  - Continuity of high grades within Oculto pit shell
  - Extension of Fantasma Zone towards Oculto
  - 3. Connection of Alpaca to JAC
  - Oculto-JAC connection
  - 5. Laderas expansion

Additional potential exists for new mineralized zones, including untested Jasperoid trend to the north



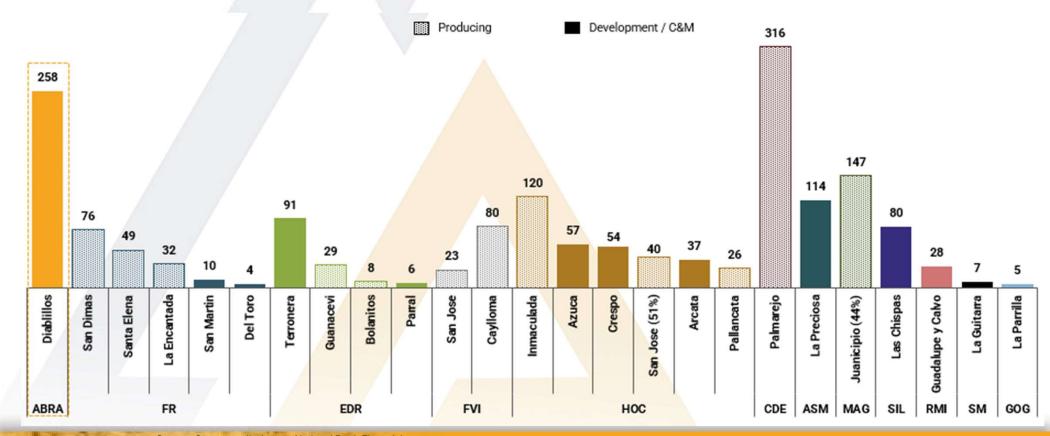
# Diablillos - Large Scale Silver Resource With Significant Upside Potential



A Diablillos boasts a significant M&I Resource compared to other primary silver assets in Latin America

Numerous smaller-scale assets are either being operated or developed by mid-tier silver producers

#### Diablillos Compared to Select Primary Silver Assets in Latin America (M&I Contained - Moz AgEq)(1)

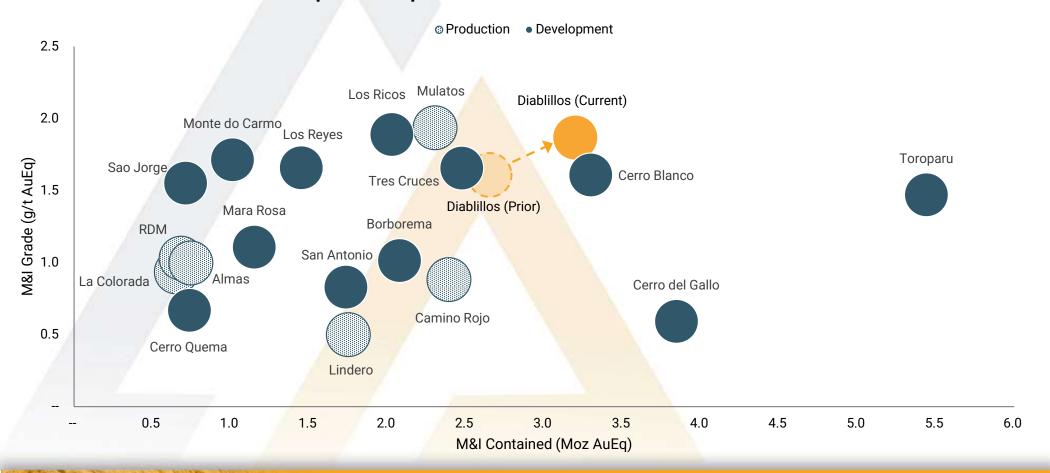


# Diablillos: A Stand-Out High-Grade Project



Diablillos contains an M&I resource totalling 3.2 Moz AuEq at 1.9 g/t AuEq making it one of the largest and highest-grade open pit assets utilizing conventional CIL/CIP/Leach processing in Latin America

#### Select Comparable Open Pit Precious Metal Assets in Latin America



# La Coipita Project (San Juan, Argentina)



ABRA owns an option to acquire a large +70,000 ha project in one of the world's most endowed Cu-Au belts (e.g. Filo del Sol, Los Azules, Pelambres)





# La Coipita - Partnership with Teck Resources



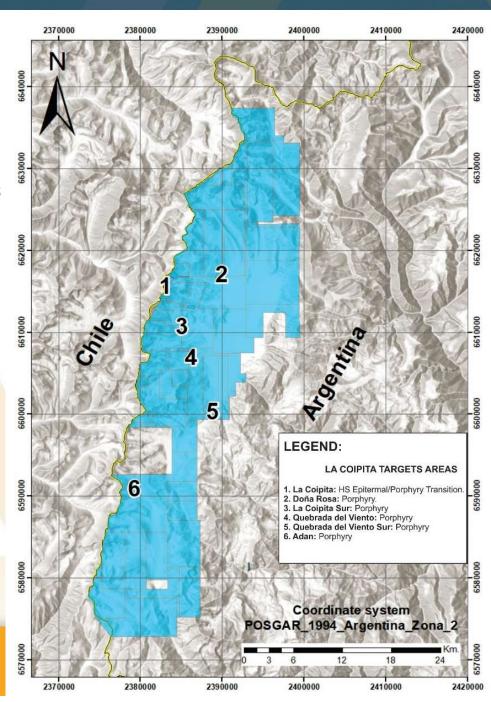
ABRA intersected large-scale Cu porphyry:

- 226m of 0.34% Cu, 0.07 g/t Au & 66 ppm Mo
- 694m of 0.16% Cu & 81 ppm Mo
- Surface geochemistry dimensions of 2,000 metres x 1,500 metres

Teck has option to earn an 80% interest by (1):

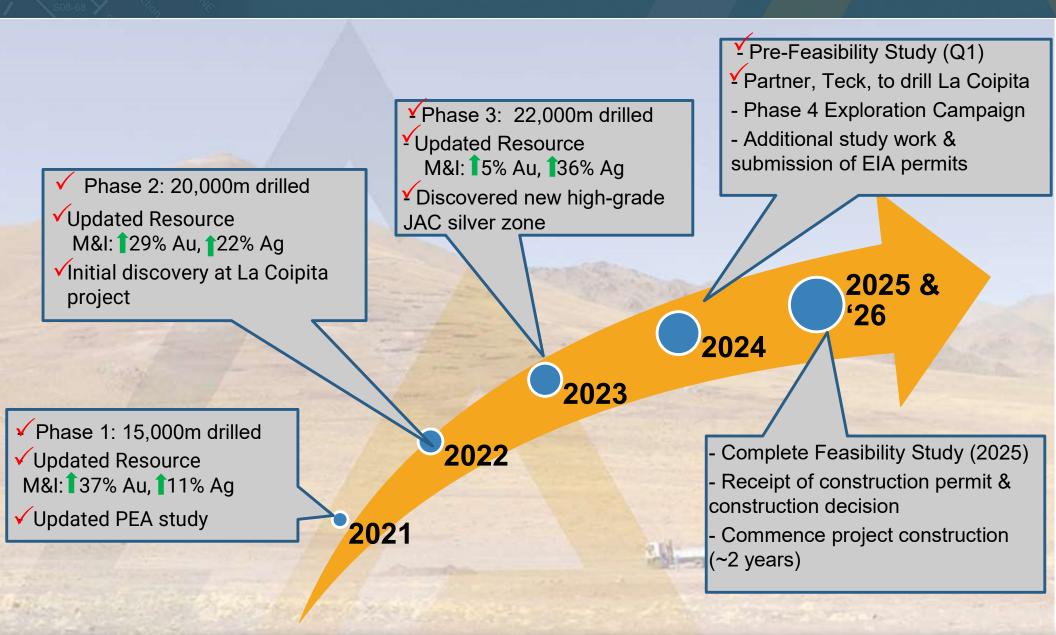
- Funding US\$20M in exploration over 5 years
- Cash payments & equity placement in ABRA totaling US\$3M
  - \$500k upfront payment (paid)
  - \$1.0M equity placement in ABRA by Jan. 31, 2025 (at a 25% premium to VWAP)
  - 4 \$1.5M cash payment by Jan. 31, 2028
- Making up to US\$6.3M in optional cash payments to underlying project vendors

<sup>(1)</sup> For additional information refer to the Company's press release dated Jan. 22, 2024



# Creating Shareholder Value Through Execution





# Key Drivers for Investing



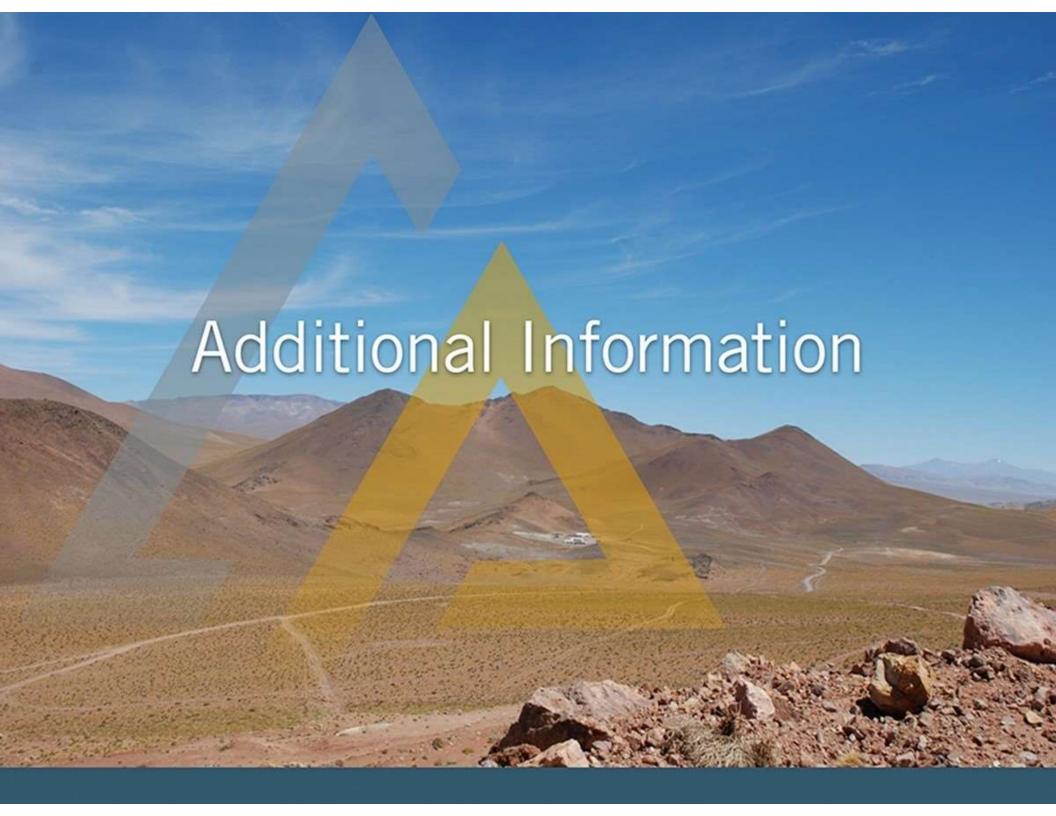
Large Reserve Base With Excellent Exploration Upside<sup>1</sup>: P&P Reserves of 42.3Mt at 91 g/t Ag and 0.81 g/t Au for +123 Moz Ag and 1.1 Moz Au (209Moz AgEq)

**Right Jurisdiction:** 2021 Fraser Institute #1 most attractive jurisdiction in Latin America, with billions of dollars being spent in new investment in Salta

**Strong Balance Sheet:** Cash position of ~ CAD\$7M (as at Sept 30 2023), fully funded to add value through ongoing exploration campaigns

**Top Tier Shareholders:** Strong support from strategic and large institutional investors (Eric Sprott is largest shareholder ~12%)

**Extensive Exploration Upside Potential:** Numerous exploration targets to further expand mineral resources & define new mineralized zones



## Additional Disclaimers



NON-IFRS MEASURES: This news release contains certain non-IFRS measures, including all-in sustaining cash cost ("AISC"). AISC includes operating costs, royalties, sustaining capital, closure costs, and corporate G&A and is calculated based on guidance provided by the World Gold Council ("WGC"). WGC is not a regulatory industry organization and does not have the authority to develop accounting standards for disclosure requirements. The Company believes that these measures, together with measures determined in accordance with IFRS, provide investors with an improved ability to evaluate the underlying performance of the Company and the results of the Company's pre-feasibility study (the "PFS"). Non-IFRS measures do not have any standardized meaning prescribed under IFRS, and therefore they may not be comparable to similar measures employed by other companies. The data 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 IFRS.

DISCLOSURE FOR MINERAL PROJECTS: In this presentation, the definitions of proven and probable mineral reserves, and measured, indicated and inferred mineral resources are those used by the Canadian provincial securities regulatory authorities and conform to the definitions utilized by the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM"), as the CIM Definition Standards on Mineral Resources and Mineral Reserves adopted by the CIM Council, as amended.

The Mineral Resources disclosed in this presentation are further described in the technical report entitled "NI 43-101 Technical Report, Mineral Resource Estimate, Diablillos Project" dated January 10, 2024 and effective November 22, 2023. The Mineral Reserves disclosed in this presentation were reported in a press release dated March 25, 2024 and a National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") compliant technical report will be filed on SEDAR+ and the Company's website within 45 days of March 25, 2024. This presentation also contains information in respect of the Company's exploration projects. Certain of the potential quantities and grades included in this presentation are conceptual in nature, that there has been insufficient exploration to define a mineral resource in respect of certain of the Company's exploration targets and it is uncertain if further exploration will result in such targets being delineated as a mineral resource.

The technical information contained in this presentation has been approved by David O'Connor, PGeo. Mr O'Connor is a Member of the Australasian Institute of Mining and Metallurgy ("AusIMM"), and is a Qualified Person in accordance with NI 43-101.

THIRD PARTY INFORMATION: This presentation includes market and industry data which was obtained from various publicly available sources and other sources believed by the Company to be true. Although the Company believes it to be reliable, the Company has not independently verified any of the data from third-party sources referred to in this presentation, or analyzed or verified the underlying reports relied upon or referred to by such sources, or ascertained the underlying assumptions relied upon by such sources. The Company does not make any representation as to the accuracy of such information.

TAXATION: Prospective investors should be aware that the purchase of securities of the Company or any entity related thereto may have tax consequences. The Company assumes no responsibility for the tax consequences of any investment. Each prospective investor is strongly encouraged to consult its own tax advisor concerning any purchase of securities of the Company or any entity related thereto.

## Management & Directors

Strong Team with Extensive Technical and M&A Expertise



#### Management

#### John Miniotis, Chief Executive Officer

18+ years of experience in the mining industry (Lundin Mining, AuRico Metals, Barrick, BMO) focused primarily on mergers & acquisitions, equity capital markets, IR & corp finance

#### David O'Connor, Chief Geologist

- 40+ years' experience acquiring, exploring, and developing mineral projects in South America & executive management
- Responsible for early exploration at the world-class Olympic Dam project

#### Klaus Zalewski, Senior VP Projects

Professional civil engineer with 40 years of experience in the construction and mining industries, focusing on project and operations management, leading PFS and BFS level technical studies

#### Carlos Pinglo, Chief Financial Officer

25+ years experience in financial management with a focus on Latin American jurisdictions

#### **Eugenio Ponte, Country Manager**

25+ years experience primarily focused in environmental and corporate social responsibility in various projects throughout Argentina

#### **Board**



**Jens Mayer** Director

Flora Wood Director

**Stephen Gatley** Director







Hernán Zaballa Director

Sam Leung Director

Nicholas Teasdale Director









# Large P&P Reserves: ~210M oz Silver-Equivalent AB



| Mineral Reserve<br>(all domains) | Tonnage<br>(000 t) | Au<br>(g/t) | Ag<br>(g/t) | AgEq<br>(g/t) | Contained Ag<br>(koz) | Contained Au<br>(koz) | Contained<br>AgEq<br>(koz) |
|----------------------------------|--------------------|-------------|-------------|---------------|-----------------------|-----------------------|----------------------------|
| Proven                           | 12,364             | 0.86        | 177.7       | 246           | 46,796                | 341                   | 97,839                     |
| Probable                         | 29,930             | 0.80        | 79.7        | 143           | 76,684                | 766                   | 136,267                    |
| Total Proven and<br>Probable     | 42,294             | 0.81        | 90.8        | 154           | 123,480               | 1,107                 | 209,619                    |

#### Notes for Mineral Reserve Estimate:

- Mineral reserves have an effective date of March 07, 2024.
- 2. The Qualified Person for the Mineral Reserve Estimate is Mr. Miguel Fuentealba, P.Eng.
- The mineral reserves were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), Definition Standards for Mineral Resources and Reserves, as prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.
- 4. The mineral reserves were based on a pit design which in turn aligned with an ultimate pit shell selected from a WhittleTM pit optimization exercise. Key inputs for that process are:
  - Metal prices of U\$\$ 1,750/oz Au; U\$\$ 22.50/oz Ag
  - Variable Mining cost by bench and material type. Average costs are U\$\$ 1.94/t for all lithologies except for "cover" Cover mining cost
    of U\$U 1.73/t, respectively.
  - Processing costs for all zone, USS 22.97/t.
  - Infrastructure and G&A cost of USS 3.32/t.
  - Pit average slope angles varying from 37° to 60°
  - The average recovery is estimated to be 82.6% for silver and 86.5% for gold.
- The Mineral Reserve Estimate has been categorized in accordance with the CIM Definition Standards (CIM, 2014).
- 6. A Net Value per block ("NVB") cut-off was used to constrain the Mineral Reserve with the reserve pitshell. The NVB was based on "Benefits = Revenue-Cost" being positive, where, Revenue = [(Au Selling Price (USS/oz) Au Selling Cost (USS/oz)) x (Au grade (g/t)/31.1035)) x Au Recovery (%)] + [(Ag Selling Price (USS/oz) Ag Selling Cost (USS/oz)) x (Ag grade (g/t)/31.1035)) x Ag Recovery (%)] and Cost = Mining Cost (USS/t) + Process Cost (USS/t) + Transport Cost (USS/t) + G&A Cost (USS/t) + [Royalty Cost (%) x Revenue]. The NVB method resulted in an average equivalent cut-off grade of approximately 46g/t AgEq.
- In-situ bulk density was read from the block model, assigned previously to each model domain during the process of mineral resource estimation, according to samples averages of each lithology domain, separated by alteration zones and subset by oxidation.
- 8. All tonnages reported are dry metric tonnes and ounces of contained gold are troy ounces.
- 9. Mining recovery and dilution factors have not been applied to the Mineral Resource estimates.

## Oculto Geological Model

Epithermal Ag-Au Deposit with Cu-Au Porphyry Intrusive



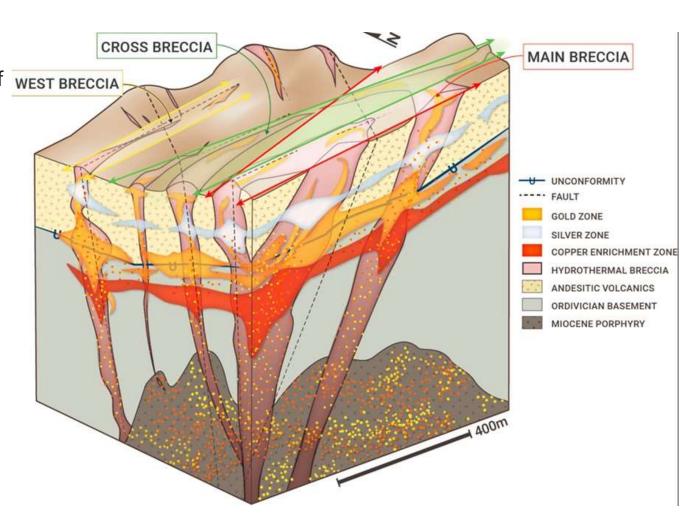
Diablillos property has multiple epithermal and porphyry targets

Oculto Zone contains majority of the resources and has over 120,000 m of drilling, but only down to a depth of ~400 m

Past drilling focused on the high sulphidation epithermal zone, hosted in volcanics and mostly oxidized

A Recent drilling confirmed that hydrothermal breccias continue into the basement and contain copper and gold mineralization in sulphides

Strong possibility of a porphyry intrusive nearby



# Industry-Leading Drill Results ABRA: 6 of top 13 best results globally over past 3 Years



Top AgEq Intercepts – All Primary Silver Assets Globally (Jan. 2021 – Present)

|     | Company (Project)     | Hole ID          | Reported<br>Date | Interval<br>(m) | Grade<br>(g/t AgEq) | Grade-Thickness<br>(g/t AgEq x m) |
|-----|-----------------------|------------------|------------------|-----------------|---------------------|-----------------------------------|
| 1.  | GGD (Los Ricos South) | LRGAG-22-218     | 2023-01-23       | 55.0            | 2,738               | 150,590                           |
| 2.  | AYA (Zgounder)        | TD28-22-2000-308 | 2022-12-21       | 21.6            | 3,956               | 85,450                            |
| 3.  | ABRA (Diablillos)     | DDH-22-045       | 2022-09-29       | 127.0           | 669                 | 84,963                            |
| 4.  | PAAS (La Colorada)    | D-96-03-22       | 2022-07-21       | 295.5           | 234                 | 69,147                            |
| 5.  | ABRA (Diablillos)     | DDH-22-015       | 2022-07-25       | 26.0            | 2,387               | 62,062                            |
| 6.  | AYA (Zgounder)        | TD28-22-2030-042 | 2022-04-21       | 14.4            | 4,101               | 59,054                            |
| 7.  | AYA (Zgounder)        | TD28-22-2000-305 | 2022-12-21       | 9.6             | 5,691               | 54,634                            |
| 8.  | ABRA (Diablillos)     | DDH-22-027       | 2021-03-15       | 103.0           | 528                 | 54,384                            |
| 9.  | Kuya (Silver Kings)   | 23-SK-08         | 2023-04-04       | 3.0             | 16,838              | 50,514                            |
| 10. | ABRA (Diablillos)     | DDH-22-037       | 2022-08-22       | 155.0           | 307                 | 47,585                            |
| 11. | HYMC (Hycroft)        | H23R-5753        | 2023-11-16       | 85.3            | 553                 | 47,171                            |
| 12. | ABRA (Diablillos)     | DDH-22-043       | 2022-09-29       | 23.0            | 1,962               | 45,126                            |
| 13. | ABRA (Diablillos)     | DDH-22-004       | 2022-04-11       | 140.0           | 315                 | 44,100                            |

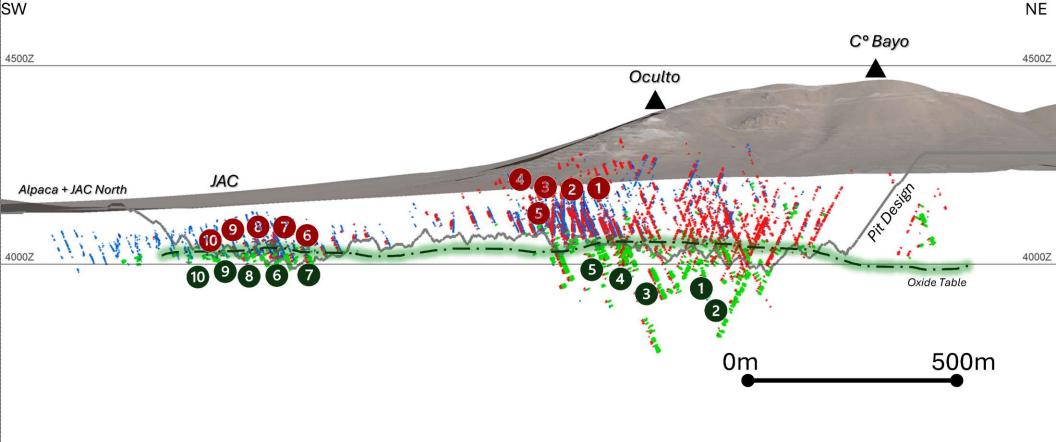
# Long-Section of High-Grade Intercepts Oxides & Sulphides



A Beneath the oxide gold zone, we've intersected several high-grade Cu/Au sulphide intercepts

The sulphide zone currently extends for ~ 2 km, and remains largely untested

Represents a significant exploration target which will be evaluated in future drill campaigns



3500Z

# Summary High-Grade Results To Date



| ID | HOLE       | FROM  | то    | INTERVAL | Au g/t | Ag g/t | Cu % | Grade (g/t AgEq) | Grade Thickness<br>(g/t AgEq x m) |
|----|------------|-------|-------|----------|--------|--------|------|------------------|-----------------------------------|
| 1  | DDH-21-003 | 111   | 197   | 86       | 0.18   | 176.0  | 0.0  | 190.4            | 16372.6                           |
| 2  | DDH-22-004 | 139   | 269   | 130      | 1.25   | 233.4  | 0.0  | 334.1            | 43431.2                           |
| 3  | DDH-22-037 | 55    | 205   | 150      | 1.52   | 189.8  | 0.0  | 312.7            | 46912.2                           |
| 4  | DDH-22-043 | 36    | 190   | 154      | 1.04   | 72.0   | 0.0  | 155.6            | 23969.8                           |
| 5  | DDH-22-043 | 122   | 190   | 68       | 1.83   | 104.8  | 0.0  | 252.2            | 17152.4                           |
| 6  | DDH-22-044 | 149   | 191.5 | 42.5     | 0.29   | 408.6  | 0.1  | 432.0            | 18360.8                           |
| 7  | DDH-22-019 | 127   | 176   | 49       | 0.19   | 545.7  | 0.0  | 561.4            | 27507.8                           |
| 8  | DDH-22-052 | 139.5 | 164.5 | 25       | 0.12   | 754.4  | 0.0  | 764.4            | 19110.5                           |
| 9  | DDH-22-075 | 149   | 167   | 18       | 0.74   | 540.4  | 0.0  | 600.2            | 10803.5                           |
| 10 | DDH-23-021 | 161.5 | 192.5 | 31       | 0.62   | 530.6  | 0.0  | 580.4            | 17992.2                           |

| ID | HOLE       | FROM  | то    | INTERVAL | Au g/t | Ag g/t | Cu % | Grade (g/t AgEq) | Grade Thickness<br>(g/t AgEq x m) | Grade Thickness<br>(% Cu x m) |
|----|------------|-------|-------|----------|--------|--------|------|------------------|-----------------------------------|-------------------------------|
| 0  | DDH-19-002 | 369   | 401   | 32       | 2.20   | 24.6   | 1.3  | 202.3            | 6474.5                            | 40.5                          |
| 2  | DDH-19-002 | 409.5 | 450   | 40.5     | 0.40   | 14.1   | 0.7  | 46.3             | 1877.1                            | 29.0                          |
| 3  | DDH-20-001 | 261   | 302   | 41       | 3.27   | 308.2  | 2.3  | 572.2            | 23458.4                           | 94.2                          |
| 4  | DDH-21-020 | 306.5 | 322.5 | 16       | 1.81   | 36.9   | 2.2  | 183.1            | 2930.3                            | 35.1                          |
| 5  | DDH-22-043 | 202   | 225.5 | 23.5     | 0.34   | 1898.5 | 1.9  | 1926.2           | 45265.6                           | 43.9                          |
| 6  | DDH-22-062 | 170   | 215   | 45       | 0.01   | 32.8   | 1.3  | 33.9             | 1525.7                            | 60.2                          |
| 7  | DDH-22-067 | 176   | 206   | 30       | 2.02   | 639.1  | 1.1  | 802.0            | 24060.2                           | 33.1                          |
| 8  | DDH-22-078 | 181   | 198.5 | 17.5     | 0.01   | 25.5   | 1.5  | 25.9             | 453.3                             | 27.0                          |
| 9  | DDH-22-083 | 162.5 | 189   | 26.5     | 0.24   | 532.4  | 1.3  | 551.6            | 14617.9                           | 35.1                          |
| 0  | DDH-23-025 |       | 212.5 | 33.5     | 0.01   | 88.5   | 3.0  | 89.1             | 2985.0                            | 101.5                         |

## Diablillos - Excellent Access to Infrastructure



- Located in an established mining camp that includes multiple lithium and borate mining operations
- $\triangle$  Accessible by good all-weather gravel roads with nearby airstrip ( $\sim$ 25 km)
- A natural gas pipeline built to supply mining projects like Diablillos is located 34 km from the project. Currently evaluating solar power energy for Diablillos
- Pump testing shows sufficient subterranean water available near the project with easements in place
- No communities on or near property low permitting risk with EIA permits expected to be submitted in H1/2024



# **Low Capital Cost**



A Initial upfront capex of **US\$373 million** and sustaining capex of **US\$65 million** 

~80% of costs based on contractor quoted prices

~65% of total capital costs will be purchased domestically, and majority of local contractors to be hired from Salta, Catamarca and nearby provinces

| Description                    | 2021 PEA Study  | 2024 PFS    | Change     |             |  |
|--------------------------------|-----------------|-------------|------------|-------------|--|
| Description                    | 2021 I EN Study | 2024113     | 2024 PFS v | s. 2021 PEA |  |
|                                | \$ millions     | \$ millions | % Change   | \$ Change   |  |
| Surface Mining                 | 51.6            | 39.3        | -24.0%     | -12.4       |  |
| Processing                     | 76.9            | 96.9        | 26.1%      | 20.0        |  |
| Site Infrastructure            | 53.7            | 152.0       | 183.2%     | 98.3        |  |
| Owner and Indirect Costs       | 46.3            | 64.9        | 40.3%      | 18.7        |  |
| Contingency & Other Provisions | 26.5            | 20.3        | -23.3%     | -6.2        |  |
| Initial Capital Costs          | 255.0           | 373.5       | 46.5%      | 118.5       |  |
| Sustaining Capital             | 15.2            | 65.0        | 328.0%     | 49.8        |  |
| Closure                        | 8.2             | 11.1        | 35.5%      | 2.9         |  |
| Total Capital Costs            | 278.4           | 449.6       | 61.5%      | 171.2       |  |

## **Conventional Process Flowsheet**



A Process design will consist of a conventional silver/gold oxide processing plant flowsheet:

Crushing, grinding, gravity concentration and intense cyanidation circuit, cyanide leaching with oxygen addition, counter current decantation ("CCD") washing thickeners and Merrill-Crowe precious metal recovery from solution followed by on-site smelting to doré bars.

# DIABLILLOS - SILVER GOLD PROJECT THICKENER DETOX BARREN SOLUTION CROWE SLAG CONCENTRATED CYANIDATION SOLUTION DORE (Au - Ag) SIMPLIFIED FLOW PROCESS

## **Excellent Metallurgical Testwork Results**



- Average LOM recoveries of 83%% for silver and 87%% for gold
  - A significant increase over the avg recovery rates of 73.5% for silver and 86% for gold used in the 2022 Preliminary Economic Assessment ("PEA").
- A substantial percentage of the silver and gold can be recovered by gravity separation which
  results in higher recovery rates and lower processing costs
- Fine grinding is not necessary with the most efficient recoveries achieved at a grind size of 150 microns for both gravity and cyanidation and an optimal retention time of 36 hours.

| Recoveries | Pre-Feasibility Study<br>(Mar.2024) | PEA Study (Nov.2021) |
|------------|-------------------------------------|----------------------|
| Gold       | 87%                                 | 86.0%                |
| Silver     | 83%                                 | 73.5%                |
| Comments   | Gravity + Cyanidation               | Cyanidation Only     |

## Water Easements in Place

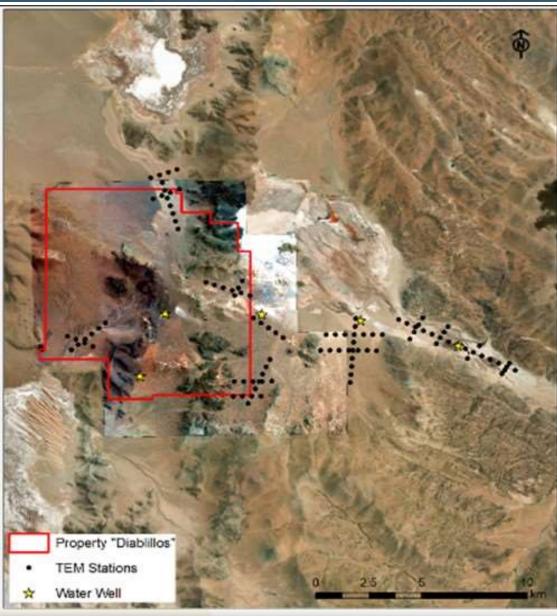


Abundant nearby fresh water with easements in place

Easements already in place for several wells with applications being prepared for additional easements

Adequate supply identified for up to a 9,000 tpd operation with plans to explore for additional water resources

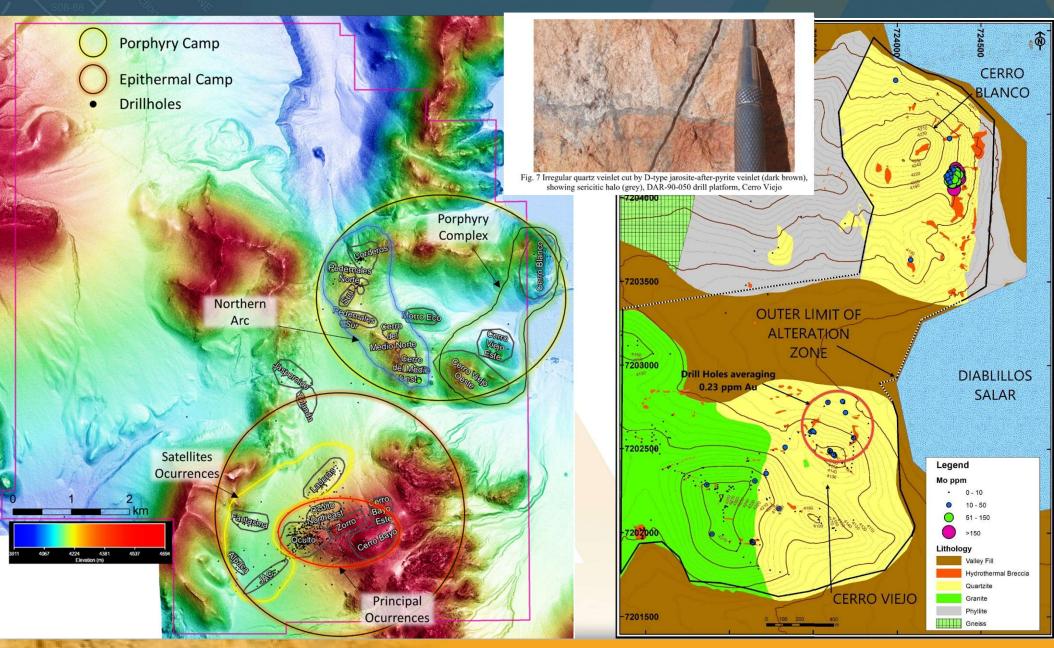




# Diablillos District-Scale Exploration Potential

Untested Porphyry Camp to the North

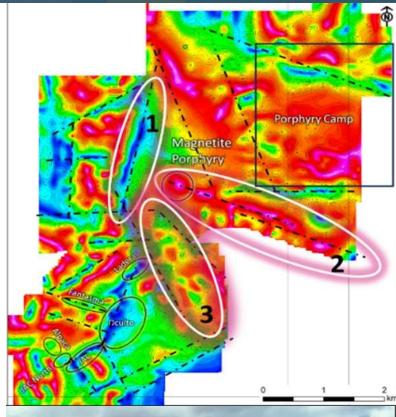




# Jasperoide Target



- The new magnetic survey has shown the jaspillite to be coincident with a marked linear low extending for ~2 km. A channel sampling program is underway on the basis of which drilling will be sited.
- Volcanic exhalative rocks may host gold mineralization in the sulphide facies and, whereas the gold is usually in massive sulphides, the existence of jarosite at the Jasperoid project is encouraging.
- The Jasperoid zone follows a N-S trend probably related to a major growth fault with the exhaled brine accumulating along an adjacent seafloor depression.
- Additionally, future drilling could also be conducted at the Cerro Bayo porphyry camp, and other regional targets





# La Coipita Option Payment Schedule



The Company has entered into two separate option agreements with arm's length private owners to acquire a 100% interest in La Coipita. First agreement, announced on March 2, 2020:

| Timing            | Payments (US\$) |
|-------------------|-----------------|
| Paid upon signing | \$65,000        |
| March 2021 (paid) | \$100,000       |
| March 2022 (paid) | \$200,000       |
| March 2023 (paid) | \$400,000       |
| March 2024 (paid) | \$1,000,000     |
| March 2025        | \$2,500,000     |

## Second agreement, announced on August 17, 2021:

| Timing             | Payments (US\$) |
|--------------------|-----------------|
| Paid upon signing  | \$50,000        |
| August 2022 (paid) | \$75,000        |
| August 2023 (paid) | \$100,000       |
| August 2024        | \$500,000       |
| August 2025        | \$800,000       |
| August 2026        | \$1,500,000     |

# Capital Structure (as of Dec. 2023)



|                          | Outstanding<br>(M) | Price  | Potential<br>Proceeds<br>(CAD\$ M) | Expiry                |
|--------------------------|--------------------|--------|------------------------------------|-----------------------|
| Basic Shares Outstanding | 563                |        |                                    |                       |
| Warrants:                |                    |        |                                    |                       |
|                          | 6                  | \$0.10 | \$0.6                              | Apr. 18, 2024         |
|                          | 2                  | \$0.37 | \$0.6                              | Jun. 6, 2024          |
|                          | 14                 | \$0.50 | \$6.8                              | Dec. 6, 2024          |
| Total Warrants           | 21                 | \$0.38 | \$8.3                              |                       |
|                          |                    |        |                                    | Dunant Fak            |
| Total Options            | 25                 | \$0.25 | \$6.1                              | Present – Feb.<br>'28 |
| Fully Diluted Shares     | 609                |        |                                    |                       |

