



GOLD50

GOLD EXPLORATION IN ARIZONA AND NEVADA

Investor Presentation | August 2021

ASX:G50 | gold50.com

IMPORTANT NOTICES



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COMPETENT PERSON STATEMENT

The information in this Presentation that relates to Exploration Results and previous mining and/or exploration work is based on information compiled by Mr Ken Brook, a Competent Person who is a Member of the American Institute of Professional Geologists. Mr Ken Brook is the President and Principal Consultant for Desert Ventures. Mr Ken Brook has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Ken Brook consents to the inclusion in the Prospectus of the matters based on his information in the form and context in which it appears.

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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.

CORPORATE OVERVIEW

- **Experienced leadership team** with track record of discovery in Southwest USA; leveraging strong networks to progress high-quality projects
- **Flagship Golconda project** is adjacent to major Cu-Mo porphyry deposit in Arizona, and historically mined for lead and zinc; never systematically tested for precious metals, despite delivering very high grade gold and silver results. Efforts will focus on defining mineralised veins, which cover up to 10km
- **Four high-potential gold projects in Nevada** have gold mineralisation at surface suggests low-discovery cost
- **Aggressive growth through the drill bit** - well-capitalised to apply modern exploration techniques to rapidly define and progress drill targets
- **IPO funding is complete** - strongly supported by institutional and HNW mining investors plus significant management ownership

THE GOLD 50 OPPORTUNITY

**FOCUSED ON
DISCOVERY IN THE
WORLD'S MOST
ATTRACTIVE MINING
JURISDICTIONS -
ARIZONA AND
NEVADA¹**

LEADERSHIP TEAM

DIRECTORS



Mark Wallace, Managing Director

BBus. Finance professional with 20 years Investment Banking experience advising and financing early stage and pre-development mining and energy companies. Mr Wallace is currently NED of Renegade Exploration Limited.



Robert Reynolds, Independent Non-Executive Chairman

Former Director/Chairman of Delta Gold, Avoca Resources, Alacer Gold, Extorre Gold Mines (TSX), Exeter Resources (TSX) and Global Geoscience (ioneer). Currently a Director of Dacian Gold and Rugby Mining.



Bernard Rowe, Non-Executive Director

MD and founder of ioneer (Global Geoscience), with more than 15 years exploring in Nevada/Arizona. Diverse international experience includes gold, copper, zinc, diamond, lithium and boron exploration.

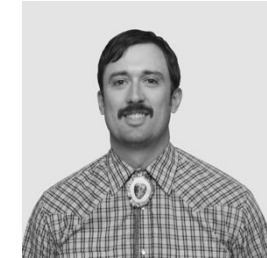


MANAGEMENT



Danny Sims (Arizona Manager)

Ph.D., Economic and Structural Geology. Extensive mine site experience in western USA, Alaska, Mexico, South America and Indonesia, including Cominco (Teck) and Newmont.



Wade Johnson (Nevada Manager)

Exploration geologist with over 10 years experience including with Agnico Eagle, Cordex and Silver Predator.

WHY ARIZONA & NEVADA?

- **Nevada and the Great Basin encompassing Arizona has produced 170Moz of gold in the last 25 years,** with an average of 6.5Moz mined each and every year, ~5% of the world's gold production¹
- **Yet is relatively underexplored -** discovery potential within Walker Lane Trend stands out with exceptional high-grades and growing reserves
- **Multiple million ounce plus gold deposits** in the region including Comstock, Rawhide and Paradise Peak
- Significant infrastructure, supportive policies and communities



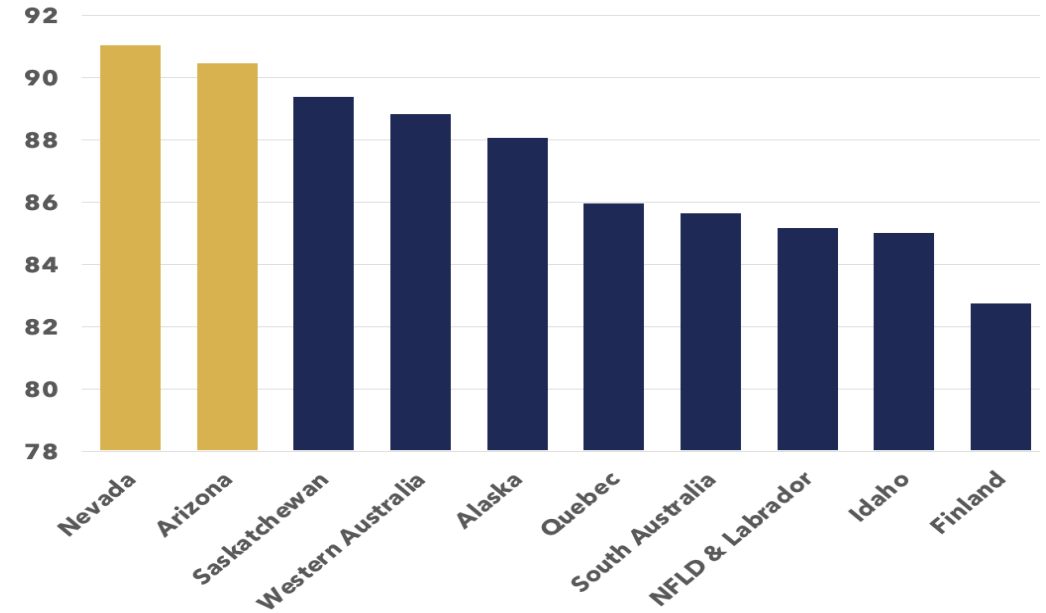
1. Stifel GMP – “Nevada and The Great Basin” Gold Report, 17 June 2021.

A TIER 1 JURISDICTION DELIVERING MORE BANG FOR THE INVESTED BUCK

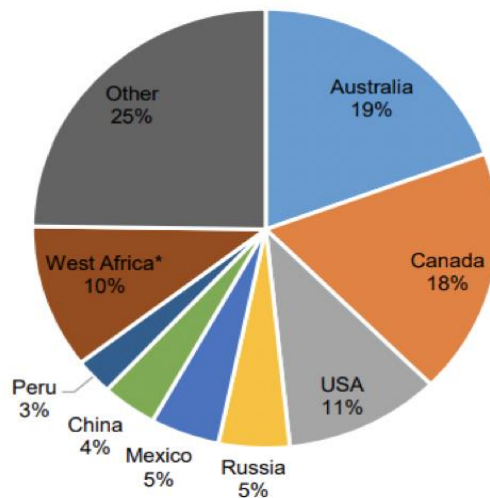


- **Nevada ranked #1; Arizona ranked #2** for both Overall Investment Attractiveness and Mineral Potential¹
- Currently, the US attracts ~10% of global gold exploration dollars, compared with Australia and Canada which attract around 20% (each) of global investment
- However, US is lower on the cost curve
- “Exploration expenditures...indicate a more competitive cost (or higher investment return) to bring ounces into production.” (Stifel GMP)

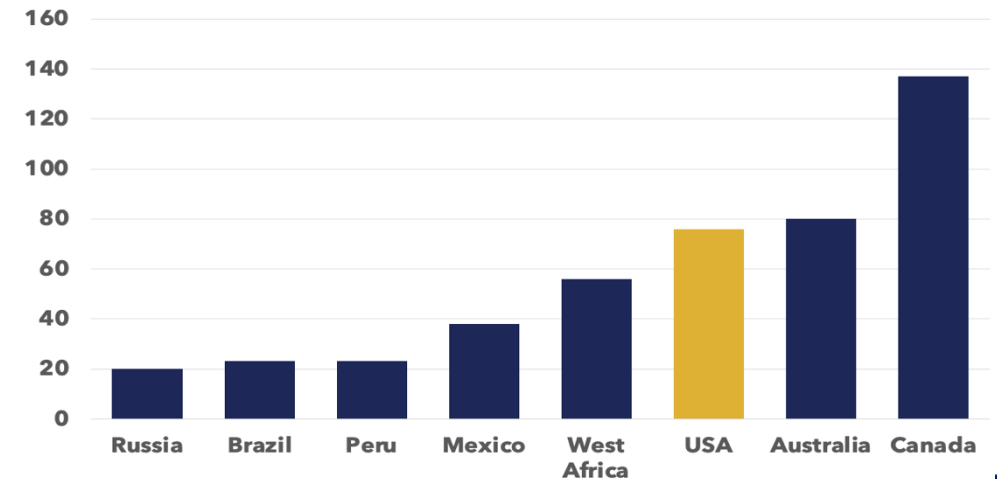
2020 Fraser Institute Investment Attractiveness Index¹



Global Gold Exploration Dollars²



Exploration US\$ Per Oz Production²



PROJECTS OVERVIEW

HIGH QUALITY PORTFOLIO



- **Five projects** in Arizona and Nevada:
 1. Golconda
 2. Spitfire
 3. Caisson
 4. Top Gun
 5. Broken Hills
- All have significant known **gold mineralisation at surface**
- Broken Hills and Top Gun targeting epithermal gold-silver mineralisation, similar to the nearby:
 - Rawhide Mine: produced 1.7Moz gold to date; and
 - Paradise Peak Mine: produced 1.6Moz gold.

AREA OF INTERESTS

Projects	Permit
Golconda	8.8 km ²
Spitfire	7.9km ²
Caisson	7.1km ²
Top Gun	5.0km ²
Broken Hills	5.6km ²

EXPLORATION BUDGET

First Year	Min	Max
All Projects	A\$3.1M	A\$4.2M

GOLCONDA PROJECT

HISTORICAL MINING DISTRICT CONSOLIDATED



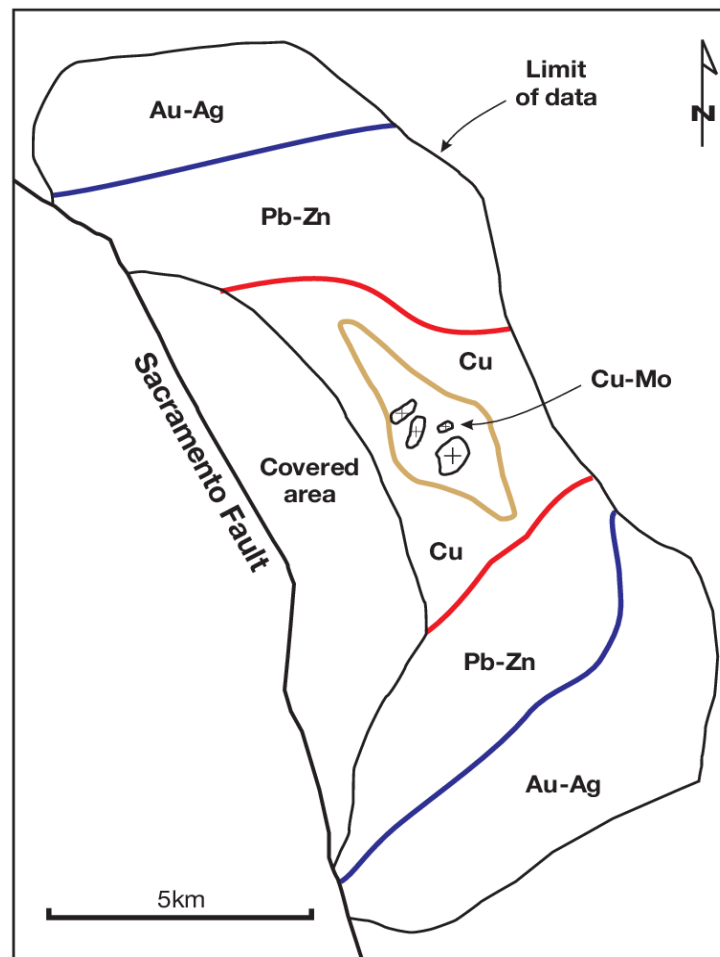
- Located in the **Wallapai Mining District - known for extensive vein systems and unusually high precious metals grades**
- Mined to a depth of 400m with high gold and silver grades
- However precious metals potential largely untested
- No systematic exploration in >30 years with fragmented ownership
- **Proximal to Mineral Park porphyry Cu-Mo deposit** (100Mt at 0.45% Cu and 0.04% Mo)
- Contains numerous historic small mines including Tub, Big Bethel, Green Linnet, Oro Plata, Prosperity, Primrose, Blackfoot and Mexican

VAST EXPLORATION POTENTIAL TO BE TESTED

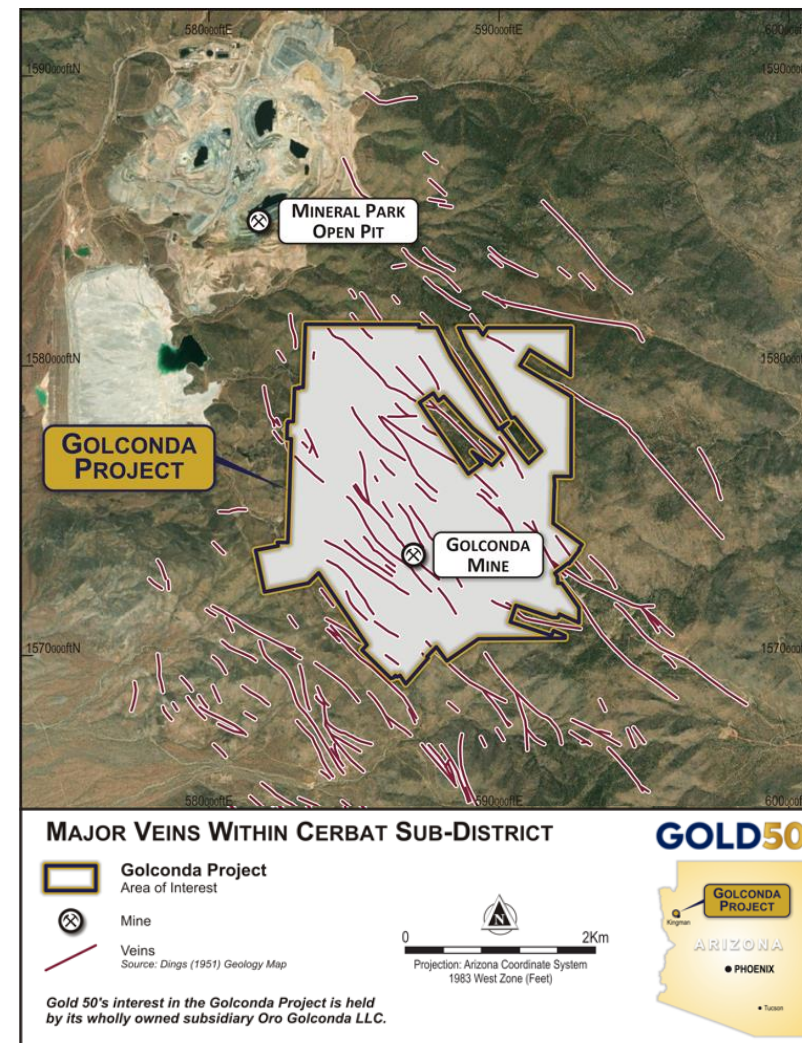
DISTRICT SCALE PROPERTY ADJACENT TO A MAJOR PORPHYRY COPPER DEPOSIT



- **Multiple vein structures** (over 10km), with known Au-Ag mineralization
- **Open along strike and at depth** including:
 - 2km long Tub-Golden Eagle Vein (priority drill target)
 - 30-130m wide zones of alteration, fracturing, brecciation and veining



Schematic of metal zonation at Mineral Park USA. Sillitoe 2010.



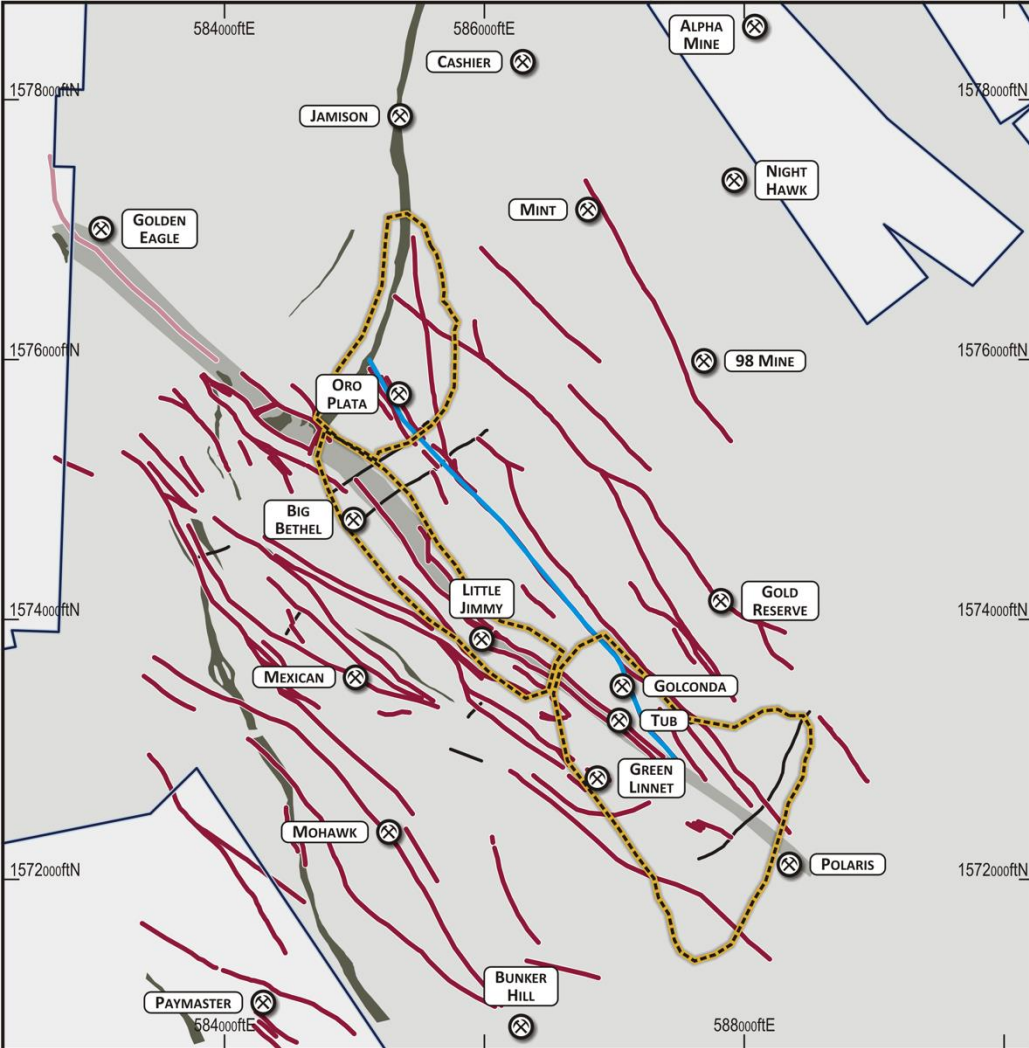
GOLCONDA: PRIORITY TARGETS

Largely untested; most of the limited prior drilling is shallow; many holes are vertical; no systematic surface geochemical or geophysical surveys:

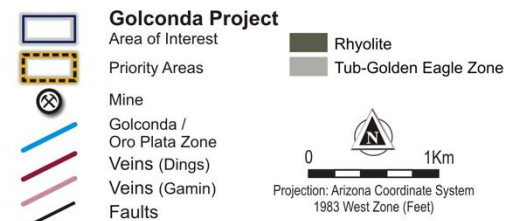
- Prior drilling (1980's and 2003) intersected +10m wide zones of +2g/t Au-Ag mineralization

Gold 50 conducted WorldView-3 satellite survey in 2021 which provided detailed mineral information and identifies three initial priority areas for exploration:

- 1. Tub Vein** - northwest from the Tub Mine more than 1,800m through Todd and Union Basins.
- 2. TG Intersection**- contains projected extensions of several prospective fault zones containing veins that extend southeast of the Golconda and Tub Mines with cross-cutting structures.
- 3. Bronco Dike** - intersection of the dike and the Tub Vein, and the intersection with the Golconda Vein where the Oro Plata Mine is located, are priorities.



LOCATION OF EARLY EXPLORATION FOCUS



Gamin vein data from Gamin Resources geology mapping at 1:2,400 scale.
Dings vein data from Dings (1951) geology map at 1:24,000 scale

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NEVADA PROJECTS OVERVIEW



- **Four gold-silver projects within the prolific Walker Lane Trend** - a relatively under explored but high discovery potential area that stands out with exceptional high-grades and growing reserves
- **Surrounded by numerous +1M ounce gold deposits:**
 - Round Mountain 20Moz
 - Comstock 8Moz
 - Goldfield 5Moz
 - Tonopah 2Moz
 - Bull Frog 3Moz
- **Geologically similar to nearby past producing mines:**
 - Rawhide (1.7Moz)
 - Paradise Peak (1.6Moz)
- **All projects are:**
 - Unpatented mining claims on Federal (BLM) land which form large contiguous packages (no excisions)
 - Leased with option to purchase 100%
 - Readily accessed from Reno, Nevada

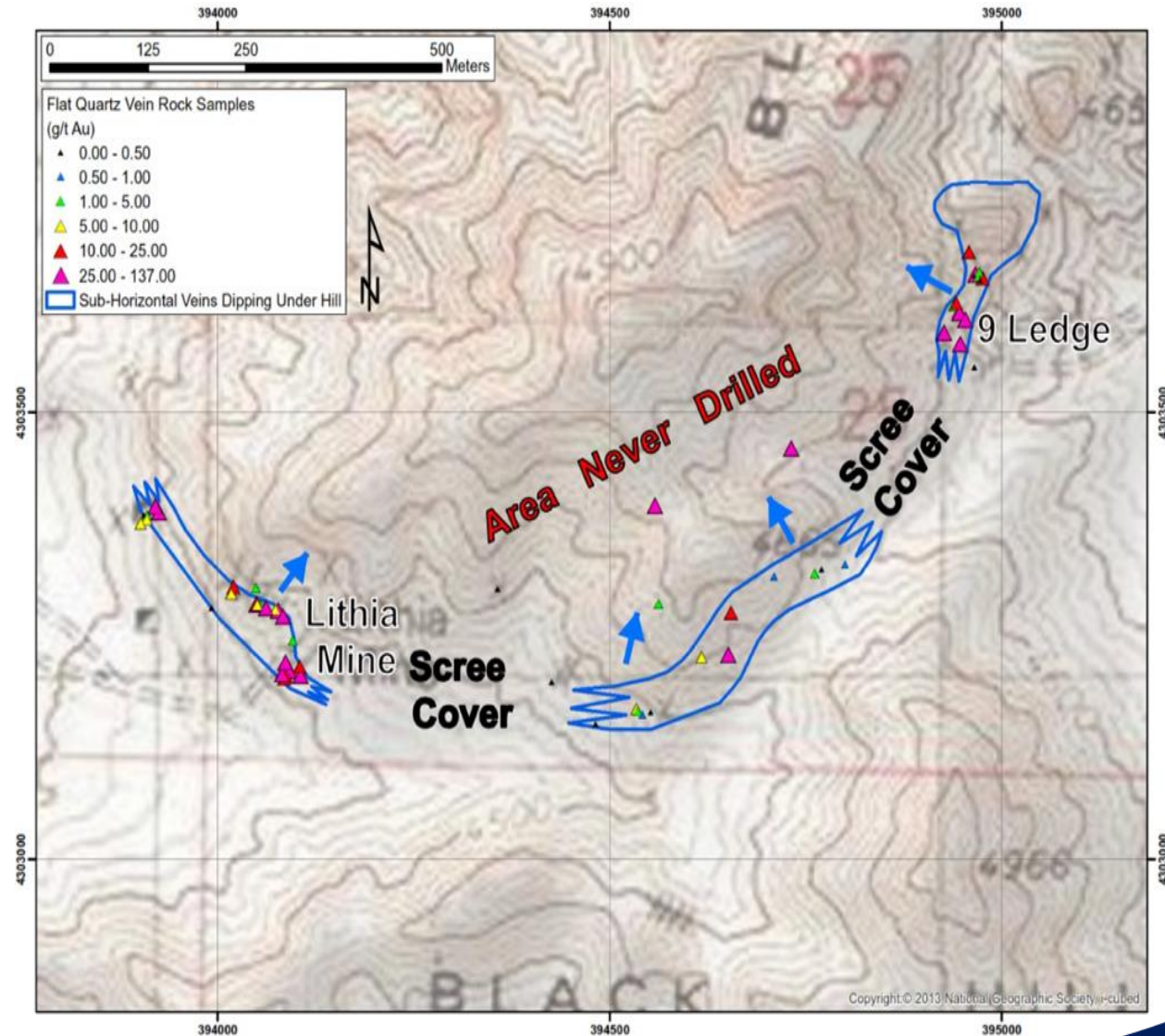
SPITFIRE

TARGETING STACKED GOLD-SILVER VEINS

- Targeting orogenic Au-Ag mineralisation in laterally extensive flat-lying quartz veins adjacent to a diorite intrusion
- A number of flat-lying high-grade veins are stacked within ~25m horizon
- Limited previous exploration, no drilling of high-grade veins
- Previous explorers targeted low-grade Cu-Au mineralisation (IOCG style)
- G50 has extensive data from previous explorers (Kinross Gold USA)

EXPLORATION OVERVIEW

- Initial 74 rock chip samples collected by G50 included:
 - 38 samples >1g/t Au averaging 23g/t Au and 38g/t Ag
 - 21 samples >10g/t Au averaging 35g/t Au and 75g/t Ag
- Further mapping, surface sampling & geophysical surveys
- RC drilling planned



CAISSON

EARLY INDICATIONS OF LARGE GOLD-SILVER SYSTEM

- Exhibits characteristics of an intrusion-related gold deposit
- Located 128 km SSE of Reno, Nevada
- Early stage high-grade project with limited prior drilling
- Reconnaissance and verification sampling produced excellent results with high-grade gold occurring in quartz and quartz-sulphide veins within a granitic intrusion

EXPLORATION OVERVIEW

- Initial reconnaissance & sampling completed
- Further mapping, surface sampling & drone magnetic survey
- RC drilling planned



SHEAR ZONE IN PROSPECTING PIT AT CAISSON



VIEW OF CAISSON PROJECT

BROKEN HILLS AND TOP GUN

TARGETING EPITHERMAL GOLD-SILVER

- Targeting epithermal Au-Ag similar to nearby Rawhide (1.7Moz) Paradise Peak (1.6Moz) mines
- Significant Au-Ag mineralisation at surface and associated with broad zones of argillic alteration
- Extensive zones of alteration, veining and silicification
- Previous explorers include Kinross and Placer Dome at Broken Hills
- Main targets have never been drill tested

EXPLORATION OVERVIEW

- Initial phase of soil, rock and stream sediment geochemical sampling completed
- Very high-grade Ag assays occur with Au, with 5 rock samples containing 3-7g/t Au & 700-1,400g/t Ag
- Further mapping, surface sampling & geophysical surveys
- RC drilling planned



SILICIFIED RHYOLITIC TUFF AT BROKEN HILLS PROJECT WITH WASTE FROM SMALL HISTORICAL MINE



VIEW OF TOP GUN WITH WASTE FROM MINOR HISTORICAL MINING IN MIDDLE OF PHOTO

WHY INVEST IN GOLD 50?



Experienced, well connected leadership team

- Long history exploring Southwest USA, identifying and progressing mineral projects
- Strong networks provide access to high-quality projects - a distinct competitive advantage

Precious metals exploration in the world's top mining jurisdictions

- Wallapai Mining District in Arizona known for extensive vein systems and unusually high precious metals grades
- Walker Lane Trend in Nevada is relatively under-explored and stands out with exceptional high-grades and growing reserves

High quality portfolio with exceptional discovery potential

- 5 high-potential assets that have not been in the public markets for +30 years
- Golconda - adjacent to major Cu-Mo porphyry deposit with gold mineralisation at surface

Growth through the drill bit

- Aggressive exploration strategy through resource expansion, conversion and target generation
- First priority Golconda - drilling planned for late 2021

Well-capitalised to deliver on exploration programs

- IPO raised A\$10 million before costs to fund 2021 and 2022 exploration programs and technical work

Strong shareholder support and management alignment

- Strongly backed by institutional and HNW mining investors, including substantial cornerstone investment
- Significant insider ownership - aligns management with shareholders



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