

Exploring for high grade epithermal gold deposits

TSXV | JG OTCQB | JGLDF
JUNE 2024



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Certain of the statements made and information contained herein is "forward-looking information" within the meaning of the British Columbia Securities Act. These statements relate to future events or the Company's future performance. All statements, other than statements of historical fact, may be forward-looking statements. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "anticipates", "plans", "budget", "scheduled", "continue", "estimates", "forecasts", "expect", "is expected", "project", "propose", "potential", "targeting", "intends", "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might", or "will be taken", "occur" or "be achieved" or the negative connotation thereof. These statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking statements. The Company believes that the expectations reflected in those forward-looking statements are reasonable, but no assurance can be given that these expectations will prove to be correct and such forward-looking statements included in this presentation should not be unduly relied upon by readers, as actual results may vary. Specifically, this presentation contains forward-looking statements, pertaining to the following: capital expenditure programs, development of resources, treatment under governmental and taxation regimes, expectations regarding the Company's ability to raise capital, expenditures to be made by the Company on its properties and work plans to be conducted. Concerning forward-looking statements listed above and contained in the presentation, the Company has made assumptions regarding, among other things: uncertainties relating to receiving mining, exploration and other permits in Japan such as the timing and granting of prospecting rights; the Company's ability to convert prospecting rights into digging rights within the timeframe prescribed by the Mining Act; the impact of increasing competition; unpredictable changes to the market prices for gold, copper, and other minerals; exploration and developments costs for its properties in Japan; the availability of additional financing and farm-in or joint-venture partners; anticipated results of exploration and development activities; and the Company's ability to obtain additional financing on satisfactory terms. The Company's actual results could differ materially from those anticipated in these forward-looking statements as a result of the risk factors set forth below and elsewhere in this presentation: volatility in the market price for minerals; uncertainties associated with estimating resources; geological, technical, drilling and processing problems; liabilities and risks, including environmental liabilities and risks, inherent in mineral operations; fluctuations in currencies and interest rates; incorrect assessments of the value of acquisitions; unanticipated results of exploration activities; competition for, amongst other things, capital, undeveloped lands and skilled personnel; lack of availability of additional financing and farm-in or joint venture partners; volatility in the market due to the Covid-19 pandemic; and unpredictable weather conditions. Although the Company has attempted to identify important factors that could cause results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. Readers are cautioned that the foregoing lists of factors are not exhaustive. The Company does not undertake to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except in accordance with applicable securities laws.

The technical information in this document has been reviewed by Japan Gold's Vice President of Exploration, Andrew Rowe, BAppSc, FAusIMM, FSEG, who has sufficient experience relevant to the style of mineralization under consideration and qualifies as a Qualified Person as defined by National Instrument 43–101.

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# EXPLORING FOR HIGH GRADE GOLD DEPOSITS IN JAPAN

Japan Gold is a Canadian publicly traded company focused on the exploration for high-grade gold in Japan. Japan Gold's technical capability and extensive portfolio of properties prospective for high-grade epithermal gold mineralization positions the Company for value creation.

### **OVERVIEW**







New **exploration search space** 



**Proven Management** with record of discoveries



Underexplored since WWII



Priority targets in areas near **historic gold mines** 



**Barrick Gold** Alliance



First to secure **prospective** tenements



World class deposit potential



**Newmont Corporation** shareholder



### UNDEREXPLORED

A rich history of gold mining



### 749 Initial Gold **Production**

Centuries of gold mining Geology - rich in epithermal deposits

### 1981 Hishikari Gold **Deposit Discovered**

13Moz gold deposit - one of the highest-grade Tier I gold mines in the world

### 1985 Hishikari Gold **Mine Commenced Production**

Owned by Sumitomo Metal Mining, the Hishikari Mine produced 8.3Moz, exceeding 30 g/t to date

### 2012 Mining Act Changes

Allowing foreign companies to enter Japan and restart the gold mining industry

**Japan Gold** first to prospect and secure property rights



















### 1943 Government Moratorium

Labour redeployed to WWII effort - Limited post-War production

#### 749-1974

5 largest mines each produced over 1Moz of gold with largest producing over 2.5Moz

#### **Post WWII Underexplored** for Gold

Historic gold mining areas are underexplored using modern mining methods •

### **Today 5 Mining Districts**

Exploration focused on historic mining areas Stable, safe jurisdiction Government support





# JAPAN GOLD'S EXPLORATION APPROACH

JG Funded Exploration + Partner Funded Exploration



### **Japan Gold Funded Exploration**

- Project Generator
- Large land package within the key gold districts
- Portfolio of high-quality projects
- Accelerating projects to drill stage targets
- Seeking partners to advance drill prospects



### **Partner Funded Exploration**

- Barrick Alliance established in 2020
- Advancing 4 Priority Projects

Potential for future partnerships and joint ventures to provide shareholder value and de-risk projects

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### **JAPAN GOLD'S**

### EXPLORATION MODEL





**Target** – High Grade Epithermal **Underground Gold Mines** 

- High-grade, low-cost mines create significant cash flow
  • Target Size: 1Moz Au @ 10g/t
- Au with potential upside



**Approach** – Deeper Exploration

- Searching for new mineralized structures within the shadow of the headframe
- Drill testing below existing high-level alteration and geochemistry



**Redefine Portfolio** - Focused Pipeline

- Focus resources on smaller high potential project pipeline
- High priority areas adjacent to known gold deposits
  - Hishikari Mine District
  - Konomai Mine District
  - Sado Mine District
  - Taio Mine District

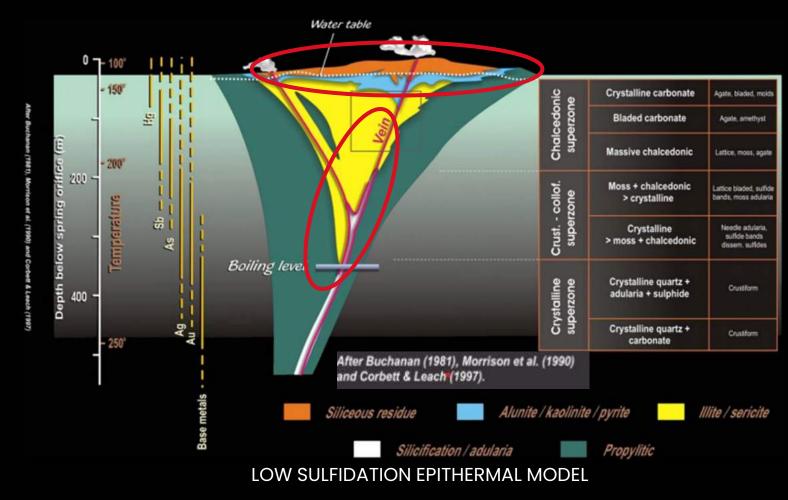
### Japan Gold's Exploration Model



### High Grade Epithermal Gold Deposits

#### Characteristics

- Small but extremely high-grade 1-100 Mt with grades of 1 20 g/t gold common
- Vein networks Potential for multiple high-grade shoots
- Exploring for new mineralised structures within the major epithermal districts



## COMPELLING ECONOMICS FOR MINE DEVELOPMENT

Japanese epithermal projects provide silica/flux for domestic smelters, offering compelling economic model



Japanese base metal smelters import raw materials to Japan for refinement and smelting



Directly shipping silica-rich gold ore to a smelter reduces a gold mine's CapEx/OpEx required for a processing plant, mill or flotation



Strong demand - smelters require new supplies of silicarich gold ores as smelter flux (flux added to Cu, Ni, Zn)



Compelling model for low-cost gold mine



Low-sulphidation deposits are suited to supply flux to existing smelters, i.e. Mitsui, Sumitomo Metal Mining, Sumitomo Corporation, Nippon Mining, Mitsubishi, Dowa, Toho Zinc



Example: Hishikari Mine

- Gold mineralization is concentrated in quartz and adularia veins
- Processing is hand or machine sorted, with ore sent directly to Toyo Smelter and Refinery, bypassing onsite processing
- Results in lowest quartile all in sustaining cost (AISC)



28 smelters in Japan



### PATHWAY TO DISCOVERIES



BARRICK ALLIANCE
POTENTIAL TO HOST TIER 1
OR TIER 2 ORE BODIES



**BARRICK** 

**Initial Evaluation Phase** 







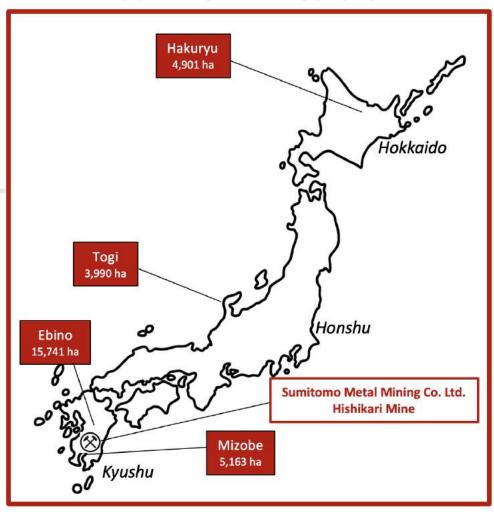
#### INITITAL PORTFOLIO EVALUATION

- Barrick Gold funded an Initial 2 1/2year Evaluation Phase of 29 Projects
- Japan Gold, Manager of each project
- Evaluation goal: identify projects with potential to host Tier 1 or Tier 2 ore bodies
- Tier 1: 5Moz with annual production of Au 500,000oz for 10 years
- Tier 2: 3Moz with annual production of Au 300,000 oz for 10 years

### SIX PROJECTS SELECTED IN 2022 FOUR PRIORITY PROJECTS ADVANCING IN 2024

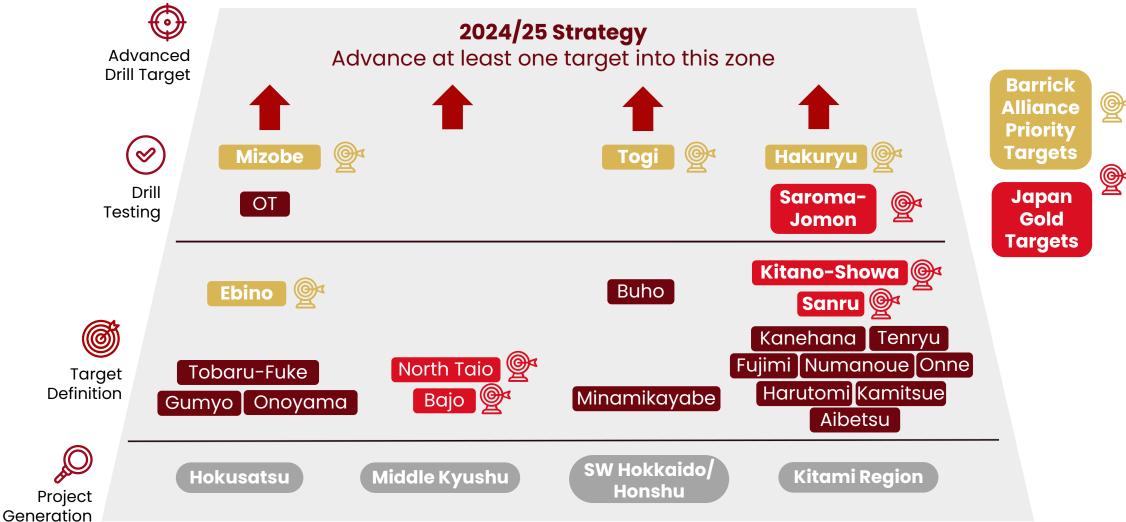
- Barrick funded a 3-year Second Evaluation Phase of 6 Projects and is advancing 4 Priority Projects
- Completion of a Bankable Feasibility Study funded by Barrick will earn Barrick a 75% interest in a Project
- Barrick has funded US\$13M funding to date

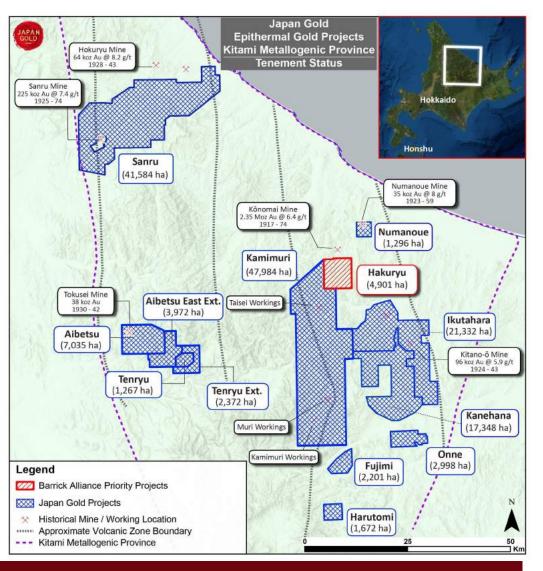
#### **FOUR PRIORITY PROJECTS**



### **EXPLORATION PIPELINE**







Kitami Metallogenic Province North Hokkaido



### **HOKKAIDO** TENEMENT OVERVIEW



Location North Hokkaido, Kitami Region



**Barrick Alliance Priority Project** Hakuryu



### **Japan Gold Projects**

Sanru, Ikutahara (Saroma-Jomon, Kitano-Showa, Ryuo), Numanoue, Kanehana, Onne, Fujimi, Harutomi, Tenryu, Tenryu Ext., Kamimuri, Aitbetsu, Aibetsu Fast Ext.



### **Nearby Historic Mines**

Konamai, Sanru, Tokusei, Numanoue, Kitano-õ



### **Work Programs Identified Targets:**

Sanru Ikutahara

- Saroma-Jomon
- Kitano-Showa
- Ryuo

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### **SW HOKKAIDO** TENEMENT OVERVIEW



4,700,000 mN

Japan Gold Epithermal Gold Projects South West Hokkaido Region

**Tenement Status** 

LEGEND

Japan Gold Project

Mistoric Mine Location

Sapporo

354 koz @ 7.5 g/t Au

Tiene Mine

739 koz @ 14.5 g/t Au

Todoroki Mine 193 koz Au

Koryu Mine 23 koz Au

Sapporo-Iwanai Mineral District SW Hokkaido

#### Location

Southwest Hokkaido, Sapporo-Iwani



### **Nearby Historic Mines**

Chitose, Tiene, Shizukari Todoroki, Koryu



### **Japan Gold Projects**

Buho Nakasosawa Minamikayabe



Buho





Map Location

4,700,000 mh

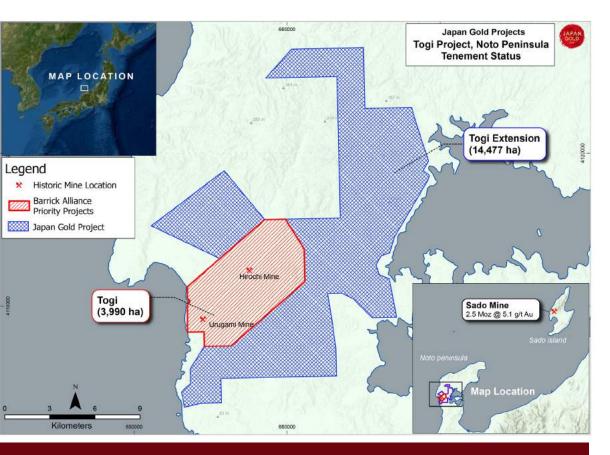
Buho (2,770 ha)

Minamikayabe

Shizukari Mine 257 koz @ 7 g/t Au

Nakanosawa (1,938 ha)





Togi Project: Noto Peninsula

### HONSHU TENEMENT OVERVIEW



**Location**Noto Peninsula



Nearby Historic Mines

Sado Mine (2.5Moz) Hirochi Urugami



Barrick Alliance Priority Project

Togi



**Japan Gold Projects** 

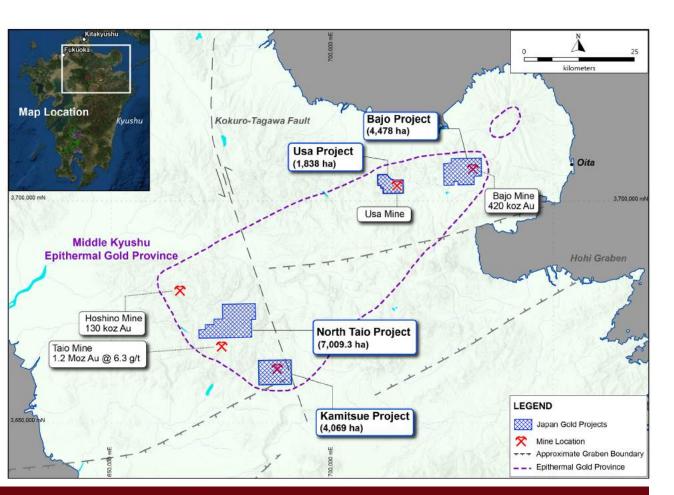
Togi Extension

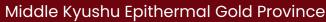


Work Programs Identified Targets:

Togi









# MIDDLE KYUSHU TENEMENT OVERVIEW

Cocation Middle Kyushu



Nearby Historic Mines

Taio, Bajo Usa, Hoshino



rojects (

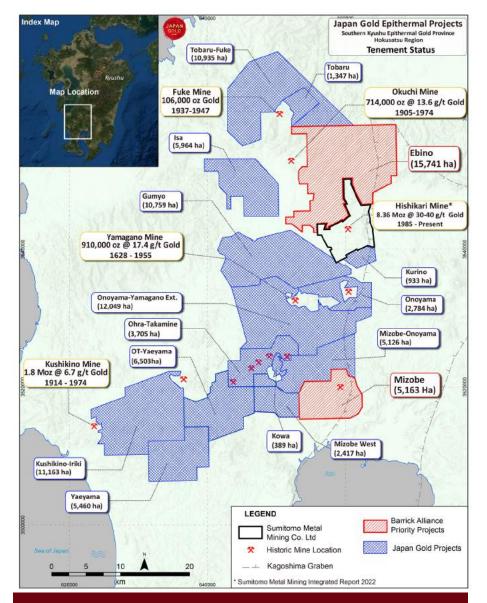
North Taio Bajo Usa Kamitsue



Work Programs Identified Targets:

Taio Bajo









# SOUTHERN KYUSHU TENEMENT OVERVIEW



#### Location

Southern Kyushu



### **Barrick Alliance Priority Projects**

Ebino Mizobe



### **Japan Gold Projects**

Tobaru, Tobaru-Fuke, Isa, Gumyo, Kurino, Onoyama, Mizobe-Onoyama, Mizobe West, Onoyama-Yamagano, Ohra-Takamine, OT-Yaeyama, Kushikino-Iriki, Yaeyama, Kowa



### **Nearby Historic Mines**

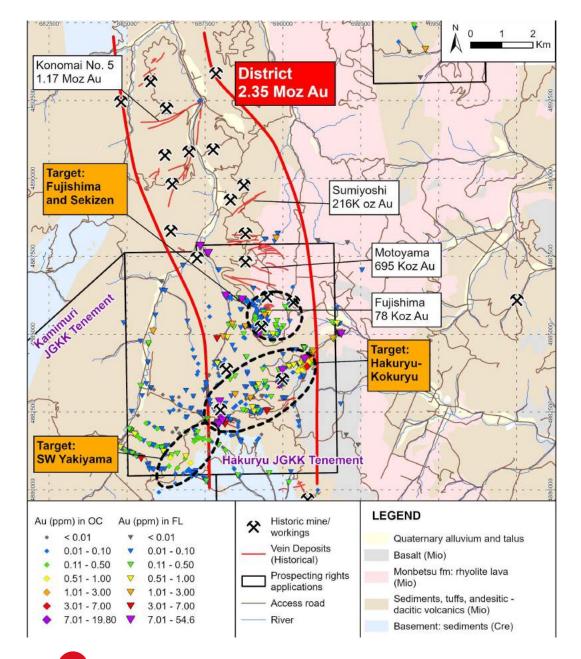
Hishikari, Kushikino, Fuke, Ohra, Urushi, Takamine, Yamagano



### Work Programs Identified Targets:

Ohra-Takamine







### **BARRICK ALLIANCE HOKKAIDO: HAKURYU**

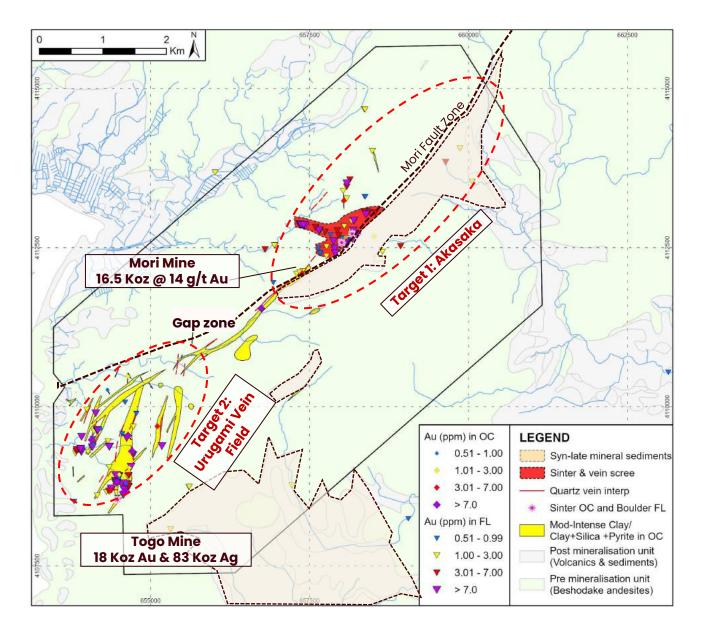
Located at the southern end of the **Konomai** Epithermal Au – Ag Mine corridor which produced 2.35Moz Au



### **Priority targets:**

- Hakuryu No 3 Workings/Kokuryu
  - ✓ High level vein up to 30m wide. Low level Au rock chips, elevated Sb. Not tested at depth
- Fujishima Hill/Sekizen
  - ✓ Water table silica/chalcedony. Localised higher grade Au rock chips at Sekizen
- SW Yakiyama
  - √ high level clay silica –pyrite alteration elevated As

Next phase of exploration: Drone magnetic survey, drilling





# BARRICK ALLIANCE HONSHU: TOGI

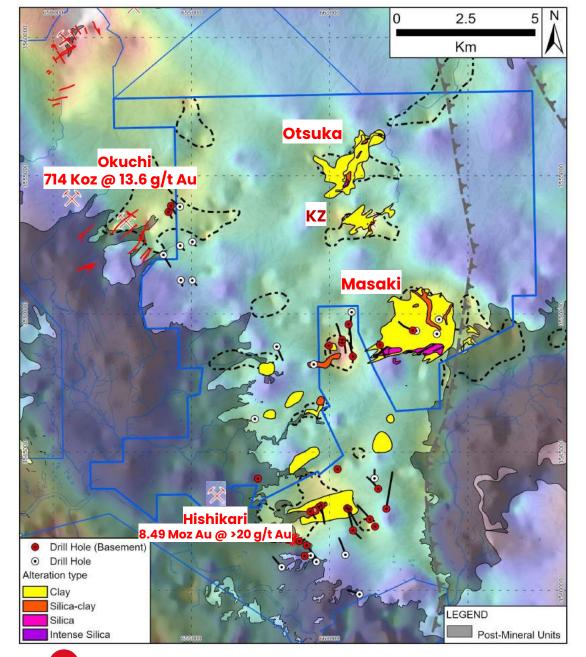
Located on the Noto Peninsula, Honshu Island, centred on the historic **Togi Mine** 



### **Priority target:**

- Akasaka Target
  - √ 4km long structural corridor that contains the Mori workings in the south
  - ✓ Vein, Sinter and Siliceous float occurs along the trend

Next phase of exploration: Drilling





# BARRICK ALLIANCE KYUSHU: EBINO

Located immediately to the north of the **Hishikari Gold Mine** 



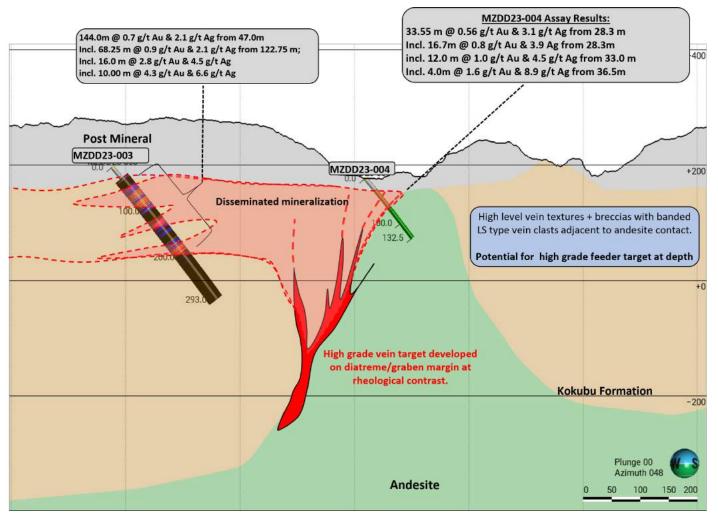
### **Priority targets:**

- Otsuka, KZ, Masaki Targets high level epithermal alteration zones charaterised by discrete silica surrounded by clay – pyrite
- Au depleted (typical of high-level alteration), localized anomalous pathfinders
- Historic drill holes (MMAJ) at Masaki, target not adequately tested

Next phase of exploration:

Target definition work – mapping, soil sampling and ground magnetics underway





### BARRICK ALLIANCE KYUSHU: MIZOBE

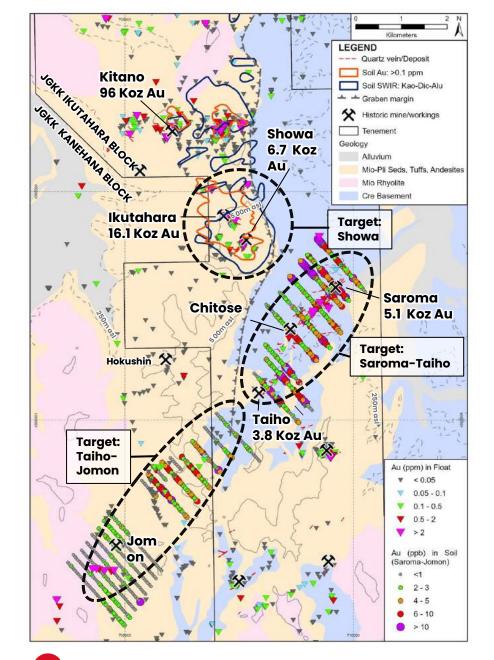
Located 23km south of the **Hishikari Gold Mine** 



### **Priority target:**

- Mizobe Target
  - Under cover target, centred on area that contained historic Antimony mines
  - Drilling completed by Barrick Alliance has intersect broad zones of Au mineralization and anomalous pathfinders
  - ✓ Potential upper parts of an epithermal target –vein target at depth

Next phase of exploration: Additional drilling





### JAPAN GOLD HOKKAIDO: IKUTAHARA

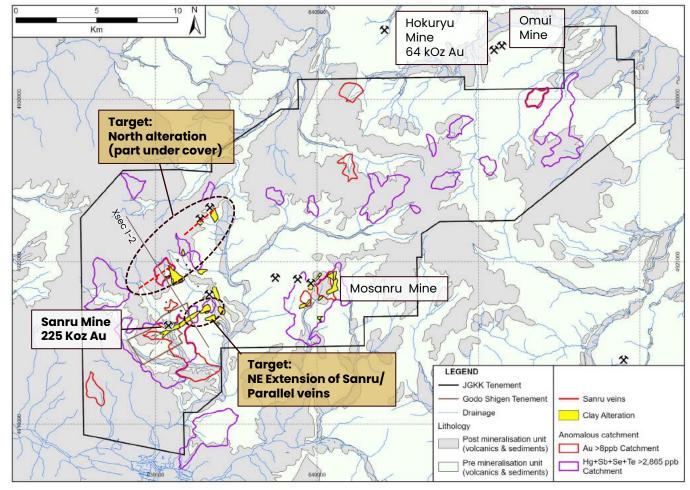
Centred on a number of small historic workings within the **Ikuthara** district

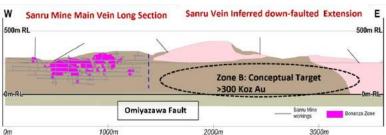


### **Priority targets**

- **Showa -** high level Au (ppb) and Hg associated with Alunite dickite alteration
- Saroma Jomon Corridor
  - ✓ Saroma Chitose target 1.2km zone of basement hosted veining up to 8m wide, but only Ag rich at this stage. Still open at depth and along strike
  - ✓ Taiho Jomon Target float sampling has returned high Au values. Source of veining yet to be found

Next phase of exploration: Targets presently under review to determine next steps





### JAPAN GOLD HOKKAIDO: SANRU

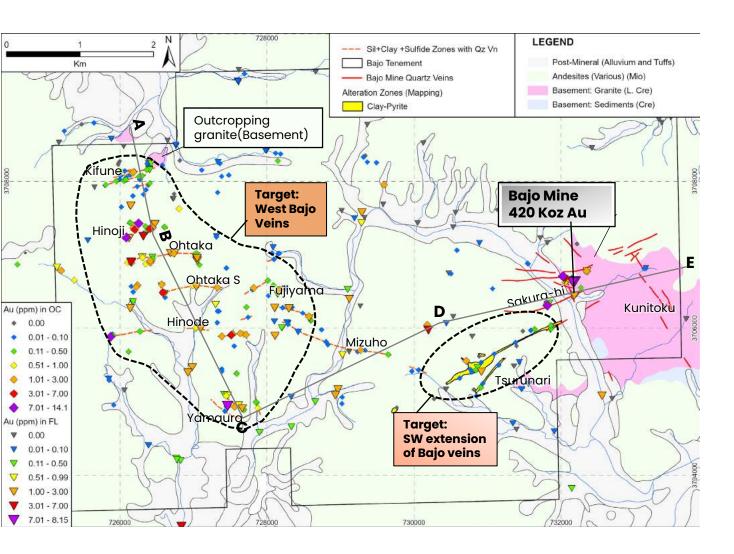
Centred on the **Sanru Mine** which produced 225Koz Au



### **Priority targets**

- NE Extensions of the Sanru Vein
  - potentially downfaulted to the NE, not tested
- Northern Target area
  - high level alteration, anomalous Au and pathfinders within float samples

Next phase of exploration: Target definition work – additional surface sampling, mapping





# JAPAN GOLD MIDDLE KYUSHU:

### **BAJO**

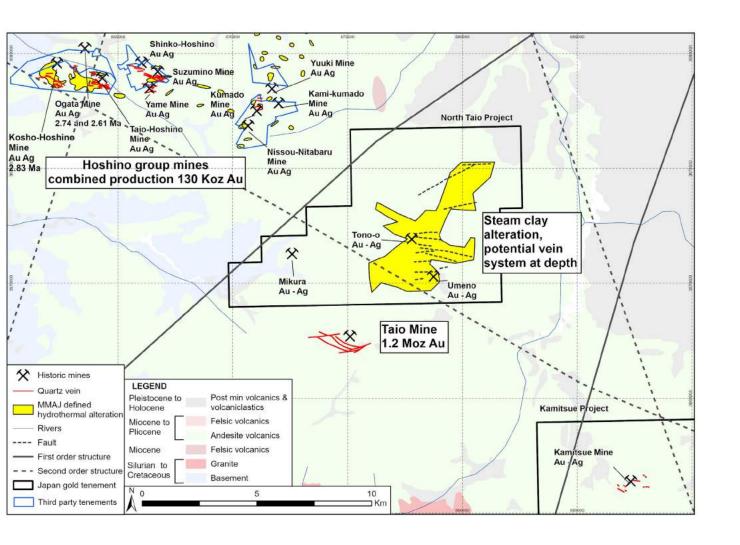
Centred on the **Bajo Mine District** which produced 420Koz Au



### **Priority targets**

- SW Extensions of the Bajo Veins
- Bajo West Mineralized Zone
  - 3km x 1km area of clay altered structures/veining, anomalous pathfinders. No drilling

Next phase of exploration:
Additional target definition work –
mapping and surface sampling



### JAPAN GOLD MIDDLE KYUSHU: NORTH TAIO

Located north of the **Taio Mine >1Moz Au**, largest mine in Middle Kyushu



### **Priority targets**

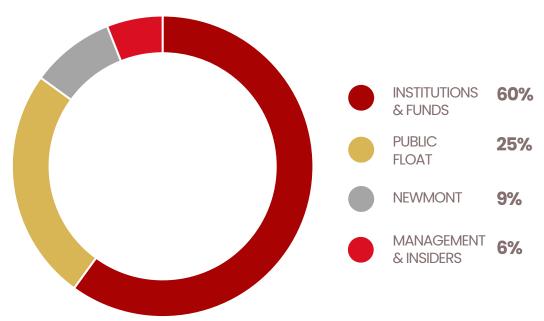
- North Taio Target
  - ✓ Historic alteration (MMAJ) has defined a zone of high-level clay alteration
  - ✓ Weakly elevated Au surface samples (ppb) +pathfinders
  - ✓ No drilling

Next phase of exploration: Target definition work – additional mapping and surface sampling

### SHARE STRUCTURE 256,515,479 Shares Issued & Outstanding 20,210,000 Options (average weighted price C\$0.30) 1,561,682 **Restricted Share Units** C\$23.6M 278,287,161 **Fully Diluted Market** Fully Diluted Shares Outstanding Capitalization @ C\$0.085 26 \*as of May 31, 2024

### **OWNERSHIP**





### Capital Raising Activities 2024

\$2,755,000 (US\$2,000,000)

Convertible Debentures @\$0.13/Share (Convertible at Japan Gold's election)

### Barrick Non-dilutive Funding

\$17,103,352 (US\$12,999,177)

2020-2024

TSXV|JG OTCQB|JGLDF

### CORPORATE MANAGEMENT TEAM





Chairman & CEO **John Proust** 



**CFO Vince Boon** CA, CPA



**GM**, Business **Administration** Yoshio Nojima



**VP**, Corporate Communications Alexia Helgason

#### **Expertise**

Corporate executive with 30+ years in the Canadian capital markets. Chairman & CEO of Southern Arc Minerals; President, and Director of Lincoln Ventures; Director of Rise Gold Corp.

#### **Expertise**

10+ years of professional accounting experience with private and public companies. CFO of Southern Arc Minerals, Lincoln Ventures, Rise Gold Corp.

40+ years at Sumitomo Metal Mining

Mining Oceania; General Manager of

Manager of Sumitomo's Hishikari world class gold mine in Kyushu, Southern

Co. as EVP of Metal Mining America;

Managing Director of Metal

Global Exploration and Geology

#### **Expertise**

40 years at Sumitomo Corporation specializing in mineral resources and investment. Managed mining and subsidiary companies in South America. General Manager responsible for investing in private equity globally.

#### **Expertise**

28 + years in the capital markets working for TSXV, CSE and OTC traded companies. 12 years at TSXV, managing the relationships with over 800 mining issuers and marketing the Exchange. Served as an IR officer for public companies for 16 years.

### **DISCOVERY TEAM**



President & COO Fraser **MacCorquodale** 

**Expertise** 

Japan.

**GM Exploration** Takashi Kuriyama

# **VP Exploration**

**Andrew Rowe** 

#### **Expertise**

30+ years of exploration. Positions with Renison Goldfields, Normandy Anglo Asia, Phelps Dodge, Aurora Gold, Ivanhoe Mines, Pan Australian Resources Ltd (Laos).



**Chief Engineer** Dr. Kotaro Ohga, **PhD** 

#### **Expertise**

Holds a PhD in Minina Enaineerina with extensive permitting and drill program experience in Japan. Associate Professor at Hokkaido University in the Graduate School of Engineering.

### **Expertise**

35+ years global gold and copper exploration experience; expertise in near-mine, brownfield, and greenfield exploration. Led Newcrest Mining's global exploration.

#### Discoveries

- Golpu Deeps, (Papua New Guinea)
- East Ridge (Canada)
- Havieron (Australia)
- Toguraci Deeps (Indonesia)
- Seguela (West Africa)

### BOARD OF DIRECTORS AND TECHNICAL ADVISORS





Chairman & CEO
John Proust

#### **Expertise**

Corporate executive with 30+ years in the Canadian capital markets. Chairman & CEO of Southern Arc Minerals; President, and Director of Lincoln Ventures; Director of Rise Gold Corp.



Independent Director Ian Burney

#### **Expertise**

Accomplished public service executive and diplomat with 30+ years of experience in international affairs, and global economic issues. Mr. Burney was the Ambassador of Canada to Japan from 2016 to 2021.



Independent
Director
Michael Carrick

#### **Expertise**

Chairman of RTG Mining Inc. since 2013 and responsible for the development of seven major gold mines in five countries. Mr. Carrick is a Chartered Accountant with over 30 years of experience in the resources sector.



Independent Director Tanneke Heersche

#### Expertise

Expert and strategic advisor in the natural resources industry with 25+ years of international industry experience. From 2010 to 2023, Ms. Heersche was a senior partner at Fasken Martineau DuMoulin LLP, and previously a partner at White & Case LLP.



Independent Director Murray Flanigan

#### Expertise

Chartered Accountant and Chartered Financial Analyst with over 25 years of management and business development experience across multiple industries for Canadian & US companies including CFO of Kepis & Pobe Financial Group Inc. and VP of Corporate Development for Adelphia Communications.



Independent Director Dr. Keiko Hattori

#### Expertise

Distinguished University Professor Emeritus of the University of Ottawa. Professor of geochemistry and economic geology for 40 years. Completed her BSc degree in Geology, Master of Science in epithermal gold deposits in Japan and PhD in mineral deposits in Japan.



Kuriyama

**Director** 

Takashi

#### Expertise

40+ years at Sumitomo Metal Mining Co. as EVP of Metal Mining America; Managing Director of Metal Mining Oceania; General Manager of Global Exploration and Geology Manager of Sumitomo's Hishikari world class gold mine in Kyushu, Southern Japan.

#### **ADVISORS**

Mitsuhiko Yamada
Paul Harbidge
Dr. Steve Garwin
John Carlile
Robert Gallagher

### WHY INVEST IN JAPAN GOLD



First World Country | First Class Assets | Management Expertise and Strategic Alliances

Low geopolitical risk with stable mining regulatory regime



### Focused approach

a pathway to discoveries

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### **Strategic Alliance**

with Barrick Gold Corporation



High priority targets in areas near historic gold

mines

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### **Corporate Office**

- Suite 650 669 Howe Street Vancouver, BC V6C 0B4 Canada
- Phone: +1 (778) 725-1486
- Alexia Helgason, VP Corporate Communication
- Email: ahelgason@japangold.com

FOLLOW US ON: @JAPANGOLD (1)

### **Tokyo Office**

- ARK Hills Executive Tower, Suite 801 Akasaka 1-14-5, Minato-ku Tokyo, Japan
- Phone: +81 (0)3-6550-8735



