

BUILDING THE FUTURE WITH METALS

TSX-V: BMET OTCOB: BMTLF FRANKFURT: 1OI.F



FORWARD LOOKING STATEMENTS



This presentation contains "forward-looking statements" and "forward looking information" (as defined under applicable securities laws), based on management's best estimates, assumptions and current expectations. Such statements include but are not limited to, statements with respect to the plans for future exploration and development of the Kazan Gold Project, Pangeni Copper Project, South Mountain Project and the acquisition of additional base/precious metal projects. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "expects", "expected", "budgeted", "forecasts", "anticipates" "plans", "anticipates", "believes", "intends", "estimates", "projects", "aims", "potential", "goal", "objective", "prospective", and similar expressions, or that events or conditions "will", "would", "may", "can", "could" or "should" occur.

These statements should not be read as guarantees of future performance or results. Such statements involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to be materially different from those expressed or implied by such statements, including but not limited to: risks related to the Kazan Gold Project, Pangeni Copper Project and the South Mountain Project; risks related to general economic conditions, actual results of current exploration activities, unanticipated reclamation expenses; fluctuations in prices of base and precious metals; fluctuations in foreign currency exchange rates, increases in market prices of mining consumables, possible variations in resource estimates, grade or recovery rates; title disputes, claims and limitations on insurance coverage and other risks of the mining industry; delays in the completion of exploration activities, changes in applicable government regulation of mining operations, tax rules and regulations; risks and uncertainties relating to the Acquisition not being completed in the event that the conditions precedent thereto are not satisfied; uncertainties around raising sufficient financing in a timely manner and on acceptable terms; and political and economic developments in countries in which the Company operates. In making the forward-looking statements in this presentation, BeMetals has applied several material assumptions, including the assumptions that (1) the conditions precedent to completed within the times described above; (2) all necessary approvals and consents, including shareholder approval, in respect of the contemplated transactions with Thunder Mountain will be obtained in a timely manner and on acceptable terms; (3) that BeMetals will be able to raise additional capital such that the transaction and proposed exploration program will proceed as planned; and (4) general business and economic conditions will not change in a materially adverse manner. Although the Company has attempted to identify important factors that could cause actual 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. The forward-looking statements and forward looking information are made as of the date hereof and are gualified in their entirety by this cautionary statement. The Company disclaims any obligation to revise or update any such factors or to publicly announce the result of any revisions to any forward-looking statements or forward looking information contained herein to reflect future results, events or developments, except as require by law. Accordingly, readers should not place undue reliance on forward-looking statements and information. Please refer to the Company's most recent filings under its profile at www.sedar.com for further information respecting the risks affecting the Company and its business.

Cautionary note to United States investors concerning estimates of measured, indicated and inferred mineral resources.

This presentation contains certain disclosure that has been prepared in accordance with the requirements of Canadian securities laws, including Canadian National Instrument 43-101 ("NI 43-101"), which differ from the current requirements of the U.S. Securities and Exchange Commission ("SEC") set out in Industry Guide 7. In particular, this presentation refers to "mineral resources," "measured mineral resources," while these categories of mineralization are recognized and required by Canadian securities laws, they are not recognized by Industry Guide 7 and are not normally permitted to be disclosed in SEC filings. United States investors are cautioned not to assume that all or any of measured, indicated or inferred mineral resources will ever be converted into mineral resources." Under Industry Guide 7, mineralization may not be classified as a "reserve" unless the mineralization can be economically or legally extracted at the time the "reserve" determination is made. "Inferred mineral resources" have a great amount of uncertainty as to their existence and economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Disclosure of "contained ounces" in a resource is permitted disclosure under Canadian reporting standards; however, Industry Guide 7 normally only permits issuers to report mineralization that does not constitute "reserves" by Industry Guide 7 standards as in-place tonnage and grade without reference to unit measures. Accordingly, information contained in this presentation containing descriptions of South Mountain's mineral deposits may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of Industry Guide 7.

John Wilton (CGeol FGS), President, CEO and Director of BeMetals Corp. is the "qualified person" for the purposes of the National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI- 43-101), and he has reviewed and approved the technical disclosure contained in this presentation.

BUILDING THE FUTURE WITH METALS

INVESTMENT HIGHLIGHTS - VALUE PROPOSITION





Top Mine Finders, Builders & Operators: Founders have <u>discovered</u>, <u>constructed</u>, & <u>operated</u> mines worldwide



Access to Capital: BMET has secured <u>\$31.5M</u> to date including <u>\$14M</u> from strategic investor, <u>B2Gold Corp.</u>⁽¹⁾



Extensive Incoming Deal Flow: 100% ownership of the Kazan gold portfolio in Japan, two key base metals projects *under* option, and continuing to evaluate additional high-value base/precious metal opportunities

Well-FinancedTo Deliver Potential Near-Term Catalysts & Future Growth:

- 1) Ongoing exploration drilling at Kato Gold Project (part of Kazan portfolio) in Japan. More results expected in coming months.
- 2) Ongoing copper exploration with JOGMEC co-funding as JV partner, for Tier 1 deposits along western extension of the Central African Copperbelt at Pangeni Copper Project in Zambia. Aircore program completed. Ongoing core drilling & results expected in early 2023
- 3) Resource scoping & expansion program at high-grade <u>South Mountain Zinc Project</u> in Idaho. <u>Ground electro-magnetic</u> <u>survey just completed.</u>

(1) The estimated C\$31.5 and C\$13 M numbers both include a US\$5M cash loan from B2gold on August 5, 2022

BOARD OF DIRECTORS & MANAGEMENT





MARK CONNELLY

NON-EXECUTIVE CHAIRMAN - INDEPENDENT DIRECTOR

Former Managing Director of ASX listed Papillon Resources (previous owner of the world-class Fekola Deposit), which merged with B2Gold in 2014. As CEO and Managing Director, he also led the merger between Perth-based Adamus Resources and Endeavour Mining Corp. in 2011. Winner of the Mining Journal's CEO of the Year Award in 2014.



CLIVE JOHNSON

INDEPENDENT DIRECTOR

Founder of Bema Gold and B2Gold (NYSE: BTG, TSX: BTO). Currently serves as President, CEO & Director at B2Gold and previously at Bema Gold (NYSE & TSX: BGO). Collectively he has raised over US\$2 billion in equity and debt financings for the construction of numerous profitable operating mines around the globe. Today, B2Gold has grown to become a leading senior gold producer.

TOM GARAGAN, BSc (Honours) Geology INDEPENDENT DIRECTOR

Founder of B2Gold. Formerly Senior Vice President, Exploration at B2Gold (NYSE: BTG, TSX: BTO) and previously at Bema Gold (NYSE & TSX: BGO). He has led the exploration teams which have discovered over 32 million ounces of gold, 6 billion pounds of copper and 56 million ounces of silver. His teams' discoveries include Refugio and Cerro Casale in Chile, as well as Kupol in far-east Russia.

ROGER RICHER, BA, LLB INDEPENDENT DIRECTOR

Founder of Bema Gold and B2Gold (NYSE: BTG, TSX BTO). Formerly Executive Vice President, General Counsel & Corporate Secretary of B2Gold and previously at Bema Gold (NYSE & TSX: BGO). Currently consults for the legal affairs, corporate records and corporate governance of B2Gold. He has a Bachelor of Arts and a Bachelor of Law degree from the University of Victoria.



JOHN WILTON, BSc (Honours) Geology PRESIDENT, CEO & DIRECTOR

30 years of experience in the minerals industry including roles ranging from target generation to feasibility studies and business development for base and precious metals. From 2010-2017, he was the Regional Exploration Manager of Africa at Antofagasta PLC. He was also a principal member of both the discovery and resource development teams of the Otjikoto Gold Mine in Namibia with Anglovaal Mining. Co-recipient of the Henno Martin Medal from the Namibian Geological Society for his role in the discovery.

NICK FURBER, CA (UCAEW), CFA CHIEF FINANCIAL OFFICER

Has 25 years experience in management and providing financial advisory services for private and publicly traded companies. Over 10 years as CFO and Corporate Secretary of Dynasty Metals & Mining, which evolved from a junior gold exploration company into a TSX listed gold producer. 10+ years with PricewaterhouseCoopers focused on accounting, M&A, valuations and due diligence.

DEREK IWANAKA, B.Comm (Marketing)

VICE PRESIDENT, INVESTOR RELATIONS & CORPORATE DEVELOPMENT Brings a wealth of investor relations, marketing and fundraising experience. During his 19+ years in the mining sector he has built an extensive network of analysts, news letter writers, retail brokers and institutional investors. He started his career with Bema Gold in 2002 and has since been instrumental in 20 mergers, acquisitions, and divestures of gold, silver, nickel, and uranium properties and companies.



KRISTEN REINERTSON CORPORATE SECRETARY & DIRECTOR

Has over 11 years of experience in corporate administration and financial advisory services for public companies in the natural resource sector. She has acted as Corporate Secretary and Chief Financial Officer for numerous Canadian listed companies.

BUILDING THE FUTURE WITH METALS

TECHNICAL ADVISORS





DENNIS STANSBURY, BS Mining Eng. TECHNICAL ADVISOR - MINING ENGINEER

Founder of B2Gold. Currently Senior Vice President, Engineering & Project Evaluations at B2Gold (NYSE: BTG, TSX: BTO) and was previously Vice President, Production & Development at Bema Gold. He has over 42 years of engineering, construction, production and management experience at surface and underground mines in 15 countries. Led the development teams in completing five mines on schedule and on budget.



RICHARD SILLITOE, Ph.D. TECHNICAL ADVISOR - ECONOMIC GEOLOGIST

World-renowned economic geologist who has been an economic geological consultant for over 42 years and has worked in more than 100 countries. He has made major contributions to the discovery of a variety of deposits and has authored over 130 economic geology articles as well as three books. Specializes in deposit modeling using field observations and drill core.

Led by top <u>mine finders</u>, <u>builders</u> and <u>operators</u> who have collectively:



Discovered more than 34Moz of gold, 56Moz of Silver and 6Blbs of copper⁽¹⁾



Raised in excess of <u>US\$3.0B</u> and have constructed and or operated <u>10 mines</u> globally⁽¹⁾



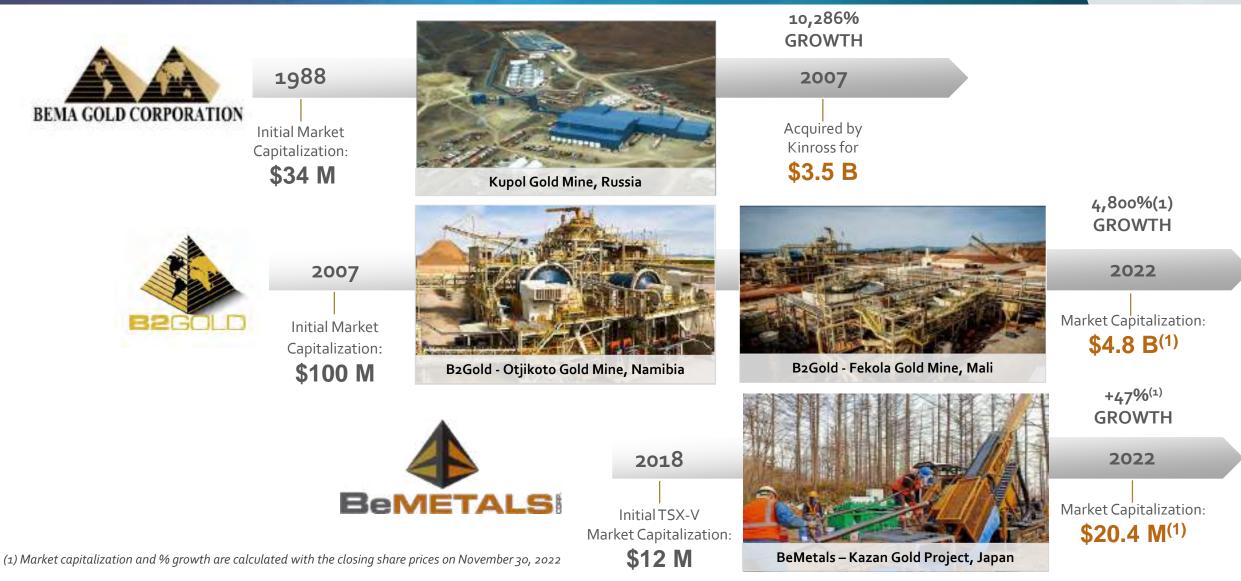
Produced over <u>8.3Moz of gold</u> generating over <u>US\$10.2B</u> in gold sales revenue⁽¹⁾

5

(1) All numbers are calculated using consolidated data from Bema Gold Corp. and B2Gold Corp. as at yearend 2021.

PROVEN TRACK RECORD OF CREATING VALUE: OUR COMPETITIVE ADVANTAGE





TSX-V: BMET | OTCQB: BMTLF | Frankfurt: 10I.F | bemetalscorp.com

B2GOLD IS A CORNERSTONE STRATEGIC INVESTOR



Through the Kazan acquisition & a \$7.5M investment, B2Gold is a 19% major shareholder

B2Gold is a low-cost senior gold producer operating mines in the Philippines, Namibia and Mali.



Benefits to BeMetals:

BeMETALS • Validation of BMET's management, directors and strategy

- Provides financial & technical support for; exploration in Japan, advancing existing base metal projects and for evaluating new acquisition opportunities
- B2Gold will act as a pipeline for appropriately scaled but potentially high-value precious & base metals projects



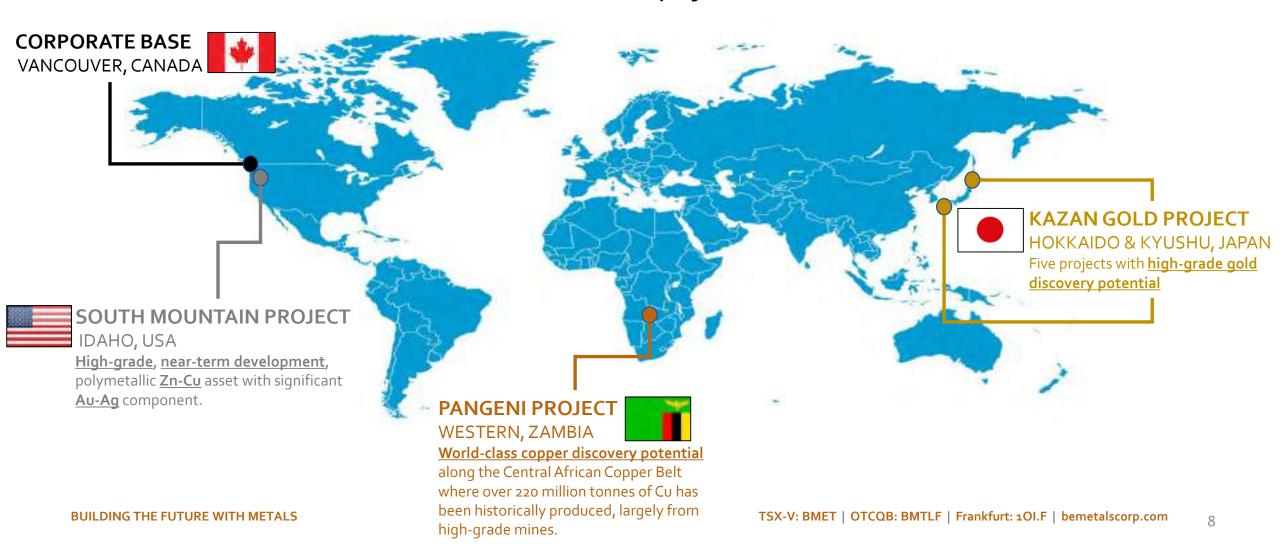
Benefits to B2Gold:

- Provides exposure to quality mineral projects that may not initially meet B2Gold's investment criteria (i.e.. Earlier stage gold projects & base metal projects)
- Unlocks value and allows for additional focus on the Kazan Gold Project
- Positions B2Gold as an early cornerstone investor in an emerging precious and base metals exploration and development company

OUR GROWTH STRATEGY



To become a leading metals producer through the acquisition and development of advanced to early stage precious and base metals projects



THE KAZAN GOLD PROJECT: A PORTFOLIO OF HIGHLY PROSPECTIVE GOLD PROPERTIES IN JAPAN



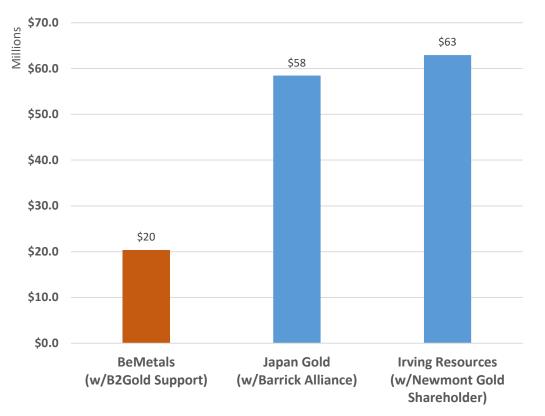
KAZAN GOLD PROJECT, JAPAN



HOKKAIDO & KYUSHU, JAPAN

- BMET's wholly owned subsidiary Kazan Resources, was an early-mover to acquire some of the best more advanced exploration properties
- The Kazan Gold Project is an expertly selected package of five exploration licenses in prospective areas of Japan
- BMET through B2Gold and its advisors have intimate knowledge of Japanese gold mineral systems and exploration
- Kazan has a locally based operations team that is advancing exploration work in Japan
- Japan has attracted ongoing investments from seniors such as B2Gold, Barrick Gold and Newmont

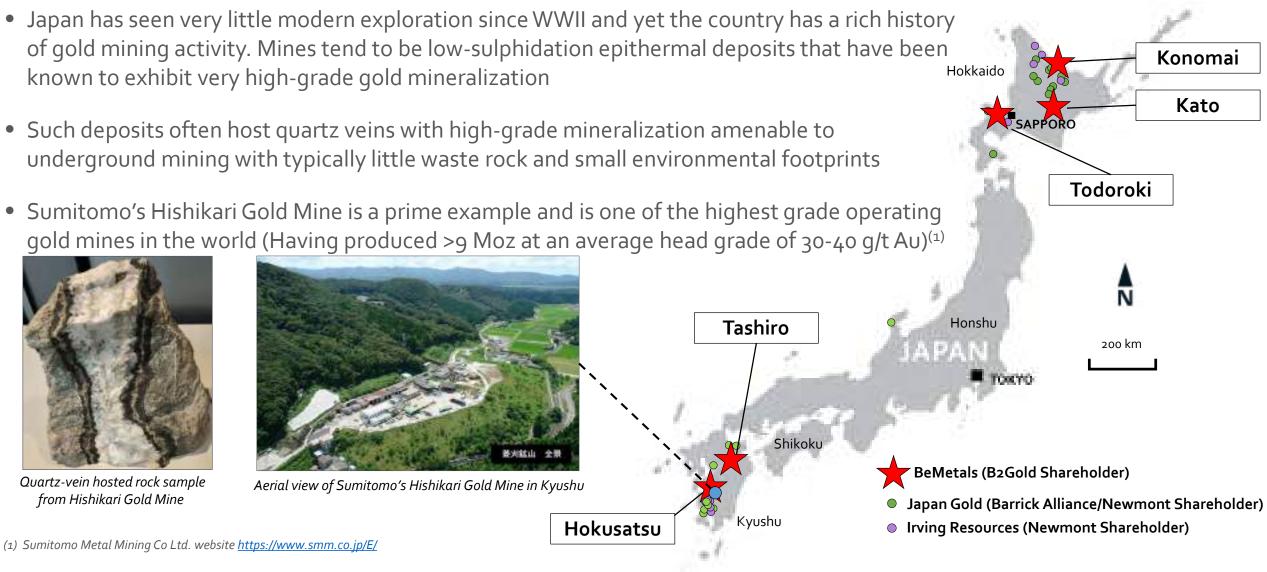
MARKET CAPITALIZATIONS FOR CANADIAN MINING COMPANIES IN JAPAN⁽¹⁾



(1) Market capitalizations calculated with Canadian exchange closing share prices on November 30, 2022

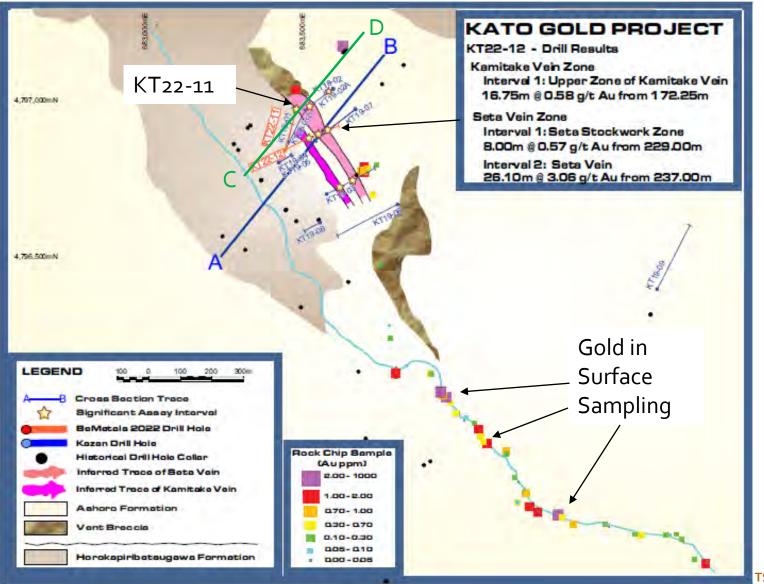
WHY JAPAN?





KATO GOLD PROJECT, HOKKAIDO - PLAN MAP OF GEOLOGY



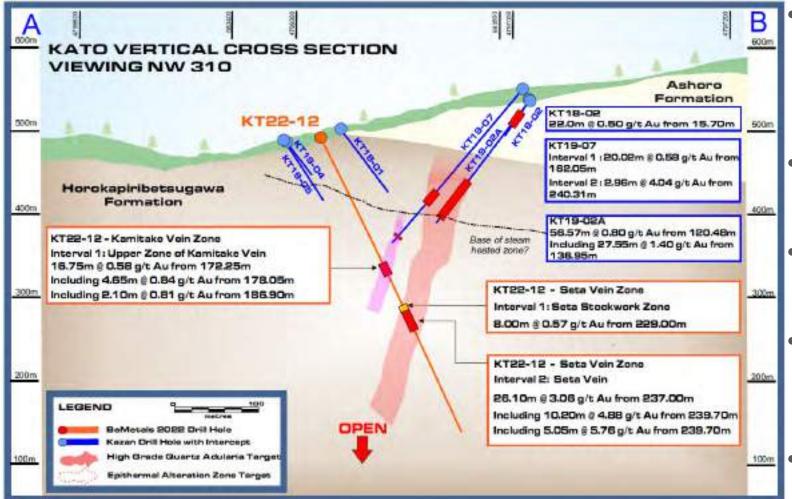


2022 Exploration Highlights to date:

- Launched a 1,500m drill program which increased to 2,000m from September
- Initially focused on expanding the Seta Vein
 Zone and have extended that zone by a combined ~160m along strike thus far
- Identified the **new Kamitake Vein Zone** some 40m from the Seta Vein
- Both the Seta and Kamitake Veins exhibit similar textures and mineralogical features typical of other epithermal gold deposits

KATOGOLD PROJECT - HOLE KT22-12 RESULTS





 Much of historical drilling only intersecting the upper 'steam heated' zone (generally lower grade) and increased gold grade continuity & tenor below the upper zone

 BMET is expanding the planned drilling based upon strong motivation of results to date

 Further step outs along strike and testing deeper in the gold system

 Site team is improving the drilling production by modifying hole designs and employing a number of drilling techniques

More assays results to follow in coming months

Figure Note: Drill results of KT18-02, KT19-02A and KT19-07 are historical in nature and have been previously released in BMET news release dated July 28, 2021, and reported in the Company's technical report entitled, "Kato Gold Project Japan NI 43-101 Technical Report" with an effective date of July 13, 2021. Please refer to the Company's news release dated: 21st September 2022 for details of the intersection widths & cut off grades

KATO GOLD PROJECT - HOLE KT22-11 RESULTS



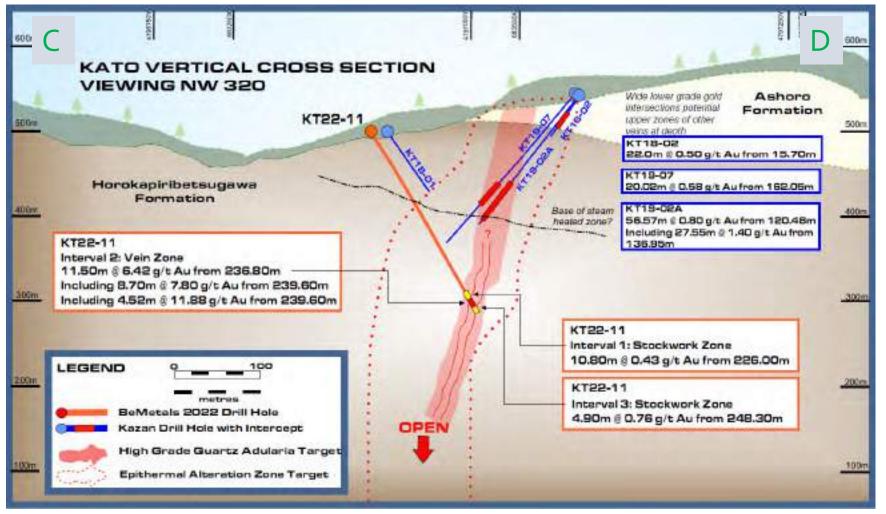


Figure Note: Drill results of KT18-02, KT19-02A and KT19-07 are historical in nature and have been previously released in BMET news release dated July 28, 2021, and reported in the Company's technical report entitled, "Kato Gold Project Japan NI 43-101 Technical Report" with an effective date of July 13, 2021. Please refer to the Company's news release dated: 26th July 2022 for details of the intersection widths & cut off grades

<u>KT22-11:</u>

- Drillhole intersection of Seta Vein Zone some 100m to the northwest
- Continuity of Seta Vein Zone
- Interpreted to be drilled to the NW of Kamitake Vein Zone



Core KT22-11 from 238.om (Seta Vein Zone)

KATO GOLD PROJECT - DRILLING HIGHLIGHTS TO DATE



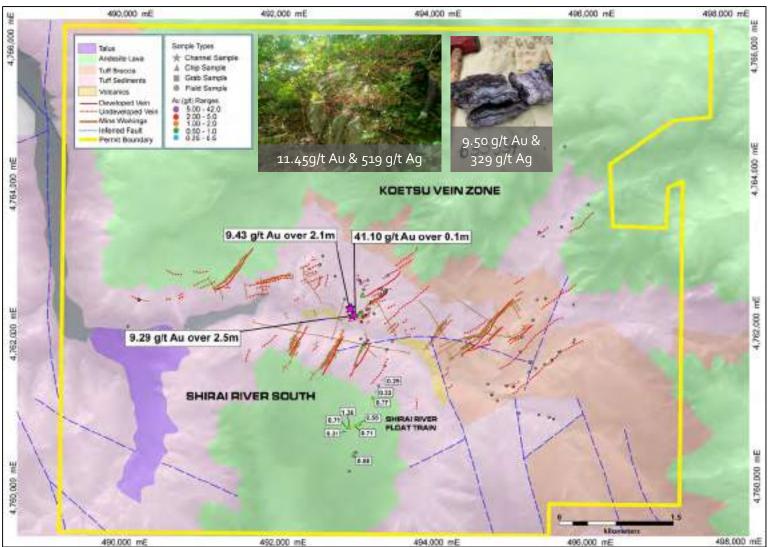


- In the 1990s MMAJ (Japanese State Agency) drilled the following highlights:
- o Hole 5MAHB-2: 17.5 m @ 8.15 g/t Au
- o Hole 7MAHB-1: 18.65 m @ 5.01 g/t Au
- Prior to BMET's acquisition, Kazan drilled 2 phases with following highlights including:
 - o Hole KT19-02A: 56.57 m @ 0.80 g/t Au
 - Hole KT20-010: 58.9 m @ 0.76 g/t Au
 Including 7.4 m @ 2.99 g/t Au
 and ended in 2.8 m @ 3.10 g/t Au
- In mid-2022, BMET commenced drilling and have announced the followings highlights:
 - Hole KT22-11: 11.50 m @ 6.42 g/t Au
 Including: 8.70 m @ 7.8 g/t Au
 Including 4.52 m @ 11.88 g/t Au
 - Hole KT22-12: 26.10 m @ 3.06 g/t Au in Seta Vein Zone* Including: 10.20 m @ 4.88 g/t Au* Including: 5.05 m @ 5.76 g/t Au*
 - Hole KT22-12: 16.75 m @ 0.58 g/t Au Kamitake Vein Zone*

*Latest results

KAZAN: TODOROKI PROJECT, HOKKAIDO





High-Grade Surface Sample Results from 2021 Reconnaissance Field Work Included:

- 9.43 g/t Au & 442.5 g/t Ag over 2.1 metres*
- 9.29 g/t Au & 656.5 g/t Ag over 2.5 metres* (*Composite chipped channel intervals of outcropping veins)
- 41.10 g/t Au & 1,070.0 g/t Ag over 0.1 metres (Chipped sample near historical vein adit)
- A number of undeveloped or only partially developed veins identified
- Shirai River (South) quartz vein sample trail of 0.29 to 1.36 g/t Au interpreted to indicate unexplored 'high-level' veins covered by post mineralization volcanic units
- Further reconnaissance exploration planned for 2022

EXPANDING A HIGH-GRADE POLYMETALLIC CARBONATE REPLACEMENT DEPOSIT IN IDAHO

DO NOT ENTER

SOUTH MOUNTAIN PROJECT, IDAHO, USA HIGH-GRADE ZINC-SILVER-GOLD-COPPER



IDAHO, USA

• <u>Updated Top Tier Zinc Equivalent (ZnEq.) Resource Grade:</u>

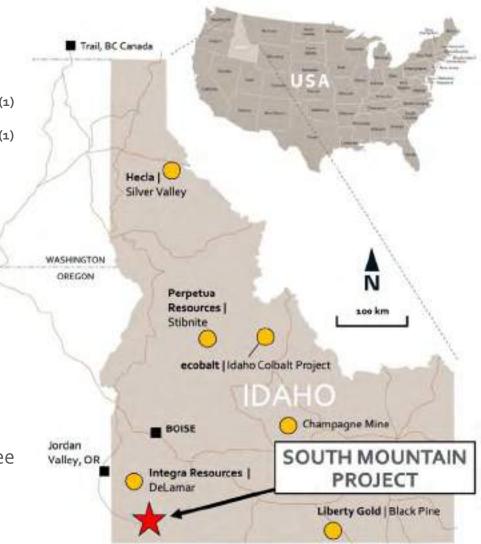
Measured & Indicated Resource: 187.7Kt @ 9.63% Zn, 151 g/t Ag (20.36% ZnEq.)⁽¹⁾
 Inferred Resource: 756.3Kt @ 7.63% Zn, 196 g/t Ag (18.10% ZnEq.)⁽¹⁾

Further Resource Growth Potential with Surface Drilling

• Low Capital Costs & Short Build Time Expected Due to:

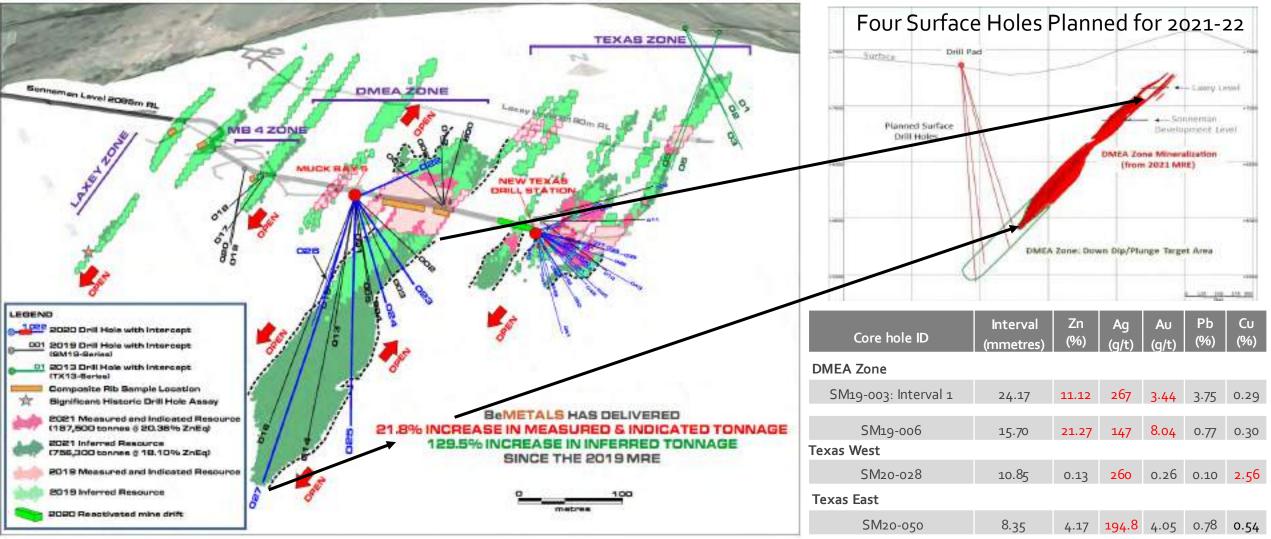
- o High-grade mineralization & resource growth potential
- Existing underground infrastructure & year round road access
- o Secure land package with most critical claims on patented ground
- o Majority of permits for construction already in place
- o Strong community & government support for advancing development
- Highly experienced Idaho based project team including THMG, the project optionee

(1) See BeMetals news release dated May 3, 2021



SOUTH MOUNTAIN PROJECT 3D VIEW INCLINED 20° LOOKING NORTH-NORTHEAST





Reported widths are drilled core lengths as true widths are unknown at this time. It is estimated based upon current data that true widths might range between 60-80% of the drilled intersections. Intervals cut offs are based upon visual contacts of massive sulphide units. For SM19-028/43 a nominal 0.5% copper cut off has been applied.

BUILDING THE FUTURE WITH METALS

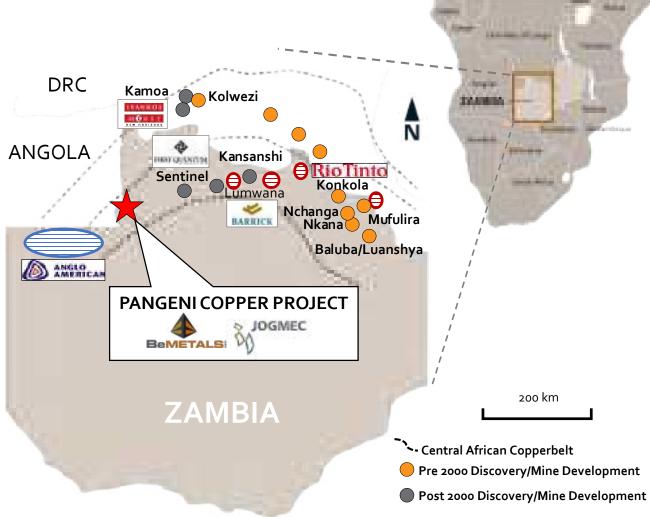
TIER 1 TARGETED EXPLORATION UNDER THIN COVER ALONG THE PROLIFIC ZAMBIAN COPPERBELT



PANGENI COPPER EXPLORATION PROJECT IN ZAMBIA

ZAMBIA

- Central African Copperbelt ("Copperbelt") hosts numerous worldclass copper mines, major development projects, and regional exploration.
- BMET is searching for tier 1 sediment-hosted copper deposits in one of the most prolific copper districts in the world.
- Exploration in the western extension of the Copperbelt has historically been challenged due to an extensive layer of Kalahari sand covering much of the underlying bedrock geology.
- The Pangeni property is favoured with a thin layer of sand cover (avg. 25m thickness) which significantly reduces exploration drilling costs and the improves probability of discovery.
- Japan Oil, Gas and Metals National Corporation (JOGMEC) is a JV partner and has thus far funded ~US\$1.9M into the project. JOGMEC is currently covering their 27.8% pro-rata share of exploration expenses going forward.

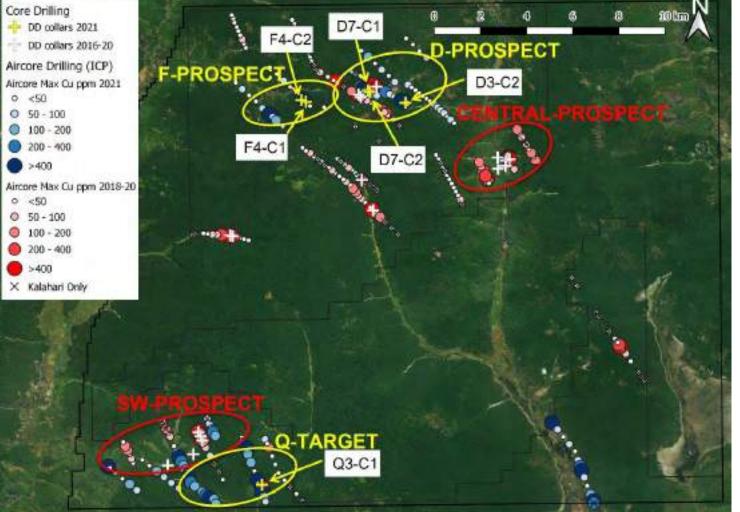




PANGENI PROJECT: VECTORING INTO HIGHER GRADES



PANGENI PLAN VIEW MAP





Core Hole Intersection Highlights at D-Prospect:

ln 2019

Hole D2-C1 Int. 1:5.50 m @ 0.53% Cu from 191.5mHole D2-C25.56 m @ 0.47% Cu from 107.14mHole E2-C1 included: 0.50 m @ 1.59% Cu from 145.0mHole E2-C3 included: 0.50 m @ 2.73% Cu from 242.20mIn 2020

Hole D3-C1

- Int. 1: 3.98 m @ 0.39% Cu from 71.45m
- Int. 2: 3.70 m @ 0.37% Cu from 153.6m

ln 2021

Hole D7-C1 Int. 1: 5.00 m @ 0.58% Cu from 43.00m Hole D7-C2 Int. 3: 6.00 m @ 0.39% Cu from 178.42m

- Hole Q3-C1 intersected 0.62% Cu over 4.14m from 92.36m at newly identified Q-Target in 2021
- 2022 aircore campaign completed in Sept and core drilling commencing in Oct. Results expected in early 2023

CORPORATE OVERVIEW (As at Nov. 30, 2022)

BUILDING THE FUTURE WITH METALS





INVESTMENT HIGHLIGHTS - VALUE PROPOSITION





Top Mine Finders, Builders & Operators: Founders have <u>discovered</u>, <u>constructed</u>, & <u>operated</u> mines worldwide



Access to Capital: BMET has secured <u>\$31.5M</u> to date including <u>\$14M</u> from strategic investor, <u>B2Gold Corp.</u>⁽¹⁾



Extensive Incoming Deal Flow: 100% ownership of the Kazan gold portfolio in Japan, two key base metals projects *under* option, and continuing to evaluate additional high-value base/precious metal opportunities

Well-FinancedTo Deliver Potential Near-Term Catalysts & Future Growth:

- 1) Ongoing exploration drilling at Kato Gold Project (part of Kazan portfolio) in Japan. More results expected in coming months.
- 2) Ongoing copper exploration with JOGMEC co-funding as JV partner, for Tier 1 deposits along western extension of the Central African Copperbelt at Pangeni Copper Project in Zambia. Aircore program completed. Ongoing core drilling & results expected in early 2023
- 3) Resource scoping & expansion program at high-grade <u>South Mountain Zinc Project</u> in Idaho. <u>Ground electro-magnetic</u> <u>survey just completed.</u>

(1) The estimated C\$31.5 and C\$13 M numbers both include a US\$5M cash loan from B2gold on August 5, 2022

CONTACT US



Derek Iwanaka Vice President, Investor Relations & Corporate Development

Email: info@bemetalscorp.com Tel: +1.604.928.2797 **BeMetals Corp.** Suite 3400, 666 Burrard Street Vancouver, BC Canada V6C 2X8

Web: www.bemetalscorp.com



FOLLOW US ON:

@BeMetals