

2023 PRECIOUS METALS SUMMIT PRESENTATION

September 2023



CANADA



ASX: MZZ OTCQB: MZZMF

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Mineral Resources

The information in this Presentation that relates to the Mineral Resource estimate for the Cape Ray Gold Project was announced on 30 May 2023. Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 30 May 2023 and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in that announcement continue to apply and have not materially changed.

Mineral Resources are reported using a cut-off grade of 0.30 g/t gold for open pit and 2.00 g/t gold for underground. Assumptions for the open pit and underground grade cut-offs consider the following: a gold price of USD 1750 per tory ounce gold, selling costs of USD 5 per troy ounce gold, exchange rate of 1.3 USD:CAD, open pit mining costs of CAD 3 per tonne, underground mining costs of CAD 92.47 per tonne, processing costs of CAD 20 per tonne, G&A costs of CAD 5 per tonne processed, gold recovery of 96%, and royalty of 3% for Zone 4, 41 and Isle aux Morts and royalty of 1% for Window Glass Hill, Angus, PW Zone and Zone 51. The open pit Mineral Resources are constrained using optimized pit shells that have been generated using Lerchs Grossman algorithm with parameters outlined above, using a maximum of 50 degree pit slopes. The underground Mineral Resources are constrained using a 2.00 g/t gold grade shell below the optimized pit based on the assumptions summarised above.

The Mineral Resource Estimate for the Cape Ray Gold Project has been prepared by Trevor Rabb, P.Geo. (EGBC #39599 and PEGNL #11155) who is a Competent Person as defined by JORC 2012. EGBC (formerly APEGBC) and PEGNL (APEGNL) are Recognised Professional Organisations accepted for the purpose of reporting in accordance with appendix 5A of the Australian Securities Exchange Listing Rules. Mineral Resources for the Cape Ray Gold Project have an effective date of 22 February 2023.

Exploration Results

The information in this Presentation that relates to exploration results reported through Company ASX announcements that can be found on the Company's website: www.matadormining.com.au.

Matador confirms that it is not aware of any new information or data that materially affects the information included in those announcements.

MATADOR OVERVIEW



ROBUST SHAREHOLDER REGISTER TO SUPPORT LONG-TERM GROWTH STRATEGY

CAPITAL MARKETS

MARKETS: TICKERS

MZZ ASX | MZZMF OTCQB

MARKET CAPITALISATION(1)

DAILY AVG VOLUMES(2)

OPTIONS(1)

8.8 million

\$18 million

0.34 million shares

SHARES OUTSTANDING(1)

315 million

MINERAL RESOURCES(3)

INDICATED RESOURCES

6.2 Mt **@ 2.25** g/t Au **→ 450** koz Au

INFERRED RESOURCES

3.5 Mt **@ 1.4** g/t Au → **160** koz Au

INDICATED & INFERRED RESOURCES

9.7 Mt **@ 1.96** g/t Au → **610** koz Au

FINANCIAL OVERVIEW

CASH BALANCE (4)

C\$5.5 million / A\$6.0 million

DEBT (4)

nil

OWNERSHIP PROFILE

Institutional 20.6%

B2Gold 9.9%

Retail 62.0%

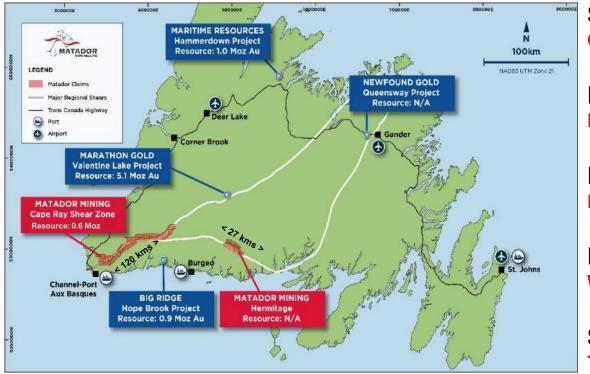
Insiders 2.0%

WHY MATADOR?



SIGNIFICANT LAND PACKAGE ON VASTLY UNDEREXPLORED GOLD BELTS IN A TIER-ONE JURISDICTION





SIGNIFICANT LAND PACKAGE

On a proven multi-million-ounce gold structure

EMERGING, TOP-TIER JURISDICTION OF NEWFOUNDLAND

Ranked 4th for mining attractiveness by the Fraser's Institute

B2GOLD IS A STRATEGIC INVESTOR

Highly reputable & successful gold miner, builder and explorer

HIGHLY EXPERIENCED AND REPUTABLE TEAM

With a track record of making multi-million-ounce gold discoveries

SYSTEMATIC APPROACH TO EXPLORATION

To maximize return on investments, create long-term shareholder value

POTENTIAL FOR MULTIPLE HIGH VALUE DISCOVERIES



SIGNIFICANT LAND PACKAGE ON VASTLY UNDEREXPLORED GOLD BELTS IN A TIER-ONE JURISDICTION

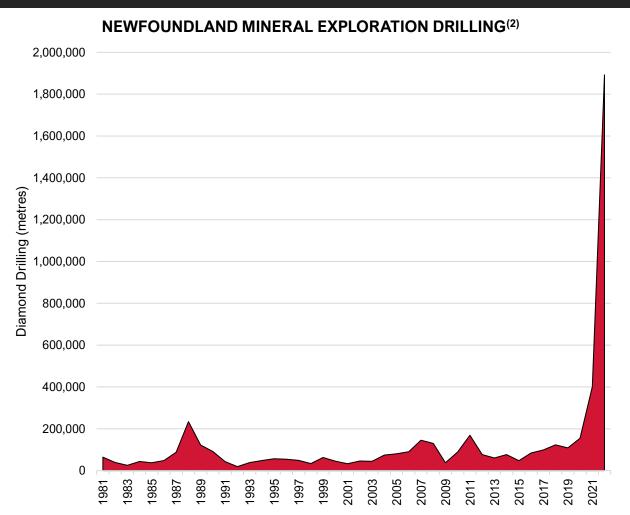


	MATADOR OPPORTUNITIES (no particular order)								
	Target	Status							
BROWNFIELDS									
1.	Cape Ray	10km x 4km	M&I&I Resource Drill ready targets						
2.	Isle Aux Morts	8.5km x 4km	M&I&I Resource Drill ready targets						
	GREENFIELDS								
3.	Long Range	21km x 2km	Early-stage 5 total diamond drill holes, limited prospecting						
4.	Grandy's	10km x 4km	Early-stage – 5 total drill holes						
5.	Malachite	15km x 4km	Early-stage – 13 total drill holes						
6.	Bunker Hill	24km x 6km	Early-stage – no drilling, very little exploration						
7.	Intersection	15km x 6km	Early-stage – no drilling, no exploration						
8.	Moraine	12.5km x 4km	Early-stage – no drilling, no exploration						
9.	Hermitage	27km x 9km	Early-stage – no drilling, very little exploration						

WHY NEWFOUNDLAND & LABRADOR?



RANKED 4TH GLOBALLY FOR MINING INVESTMENT ATTRACTIVENESS (1)



HIGHLY RANKED, EMERGING JURISDICTION

Multi-Million Ounce Project: Proximal to Marathon Gold's fully permitted and a near-term gold producing Valentine Gold Project

CRITICAL METALS & MAJOR DISCOVERIES (2)

Metals: Iron Ore, Nickel, Copper, Gold, Antimony, Rare Earths

Production⁽³⁾: 22% of Canada's Nickel & 43% of Canada's Iron Ore

Growing Industry: 12 producing mines and 6 development projects

HIGHLY SUPPORTIVE STAKEHOLDERS

Government: Vocal support and advocacy for responsible mining

Workforce: Abundant home-grown talent pool

Major Infrastructure: Roads, hydro power, airports, seaports

BOARD & MANAGEMENT



SEASONED MINING & EXPLORATION EXPERIENCE WITH PROVEN TRACK RECORD OF SUCCESS



Sam Pazuki P. ENG, M.FIN

MANAGING DIRECTOR & CHIEF EXECUTIVE OFFICER

- Toronto-based executive with 20+ years of experience in the mining industry in senior leadership positions in engineering, business development, strategy and investor relations
- Previously served as Senior VP, Strategy & Corporate Development at OceanaGold and in various roles at EY Advisory Services and Enbridge



Crispin Pike B.SC, M.SC

VP EXPLORATION

- Newfoundland-based geologist with 17+ years of international experience in structural geology and geophysics applied to mineral exploration
- Prior to joining Matador, Crispin worked for the Newfoundland & Labrador Geological Survey for over six years.
- His experience also includes nine years as a structural geologist with Vale in North and South America



Carol Marinkovich

NON-EXECUTIVE DIRECTOR & COMPANY SECRETARY

- Perth-based executive with 25+ years experience in the mining industry
- Extensive experience in Corporate Governance Practices as a Company Secretary within Australia and Internationally



Justin Osborne BSc(Hons) Geology, FAusIMM, FSEG, MAICD NON-EXECUTIVE CHAIR

- Perth-based geologist and executive with 30+ years experience in the mining industry
- Previously served as Executive Director at Gold Road Resources
- Currently serves as Non-Executive Director of IGO, Hamelin Gold and Astral Resources



Kerry Sparkes M.SC., P. GEO NON-EXECUTIVE DIRECTOR

- Canadian-based geologist and executive with 30+ track record of significant mineral resource discoveries
- · Founder and director of Orla Mining
- Previously served as VP Geology at Franco Nevada, VP Exploration at Rainy River Resources and Messina Minerals, Senior Geologist at Voisey's Bay Nickel Co., Exploration Manager of Archean Resources
- Currently serves as a Director of Aurion Resources and Prime Mining



Dr Nicole Adshead-Bell Ph.D., Structural & Economic Geology NON-EXECUTIVE DIRECTOR

- Vancouver-based executive with 27+ years combined technical, corporate, institutional and investment banking experience in the mining industry
- Currently serves as President of Cupel Advisory Corp and Non-Executive Director of Altius Minerals, Dundee Precious Metals and Hot Chili

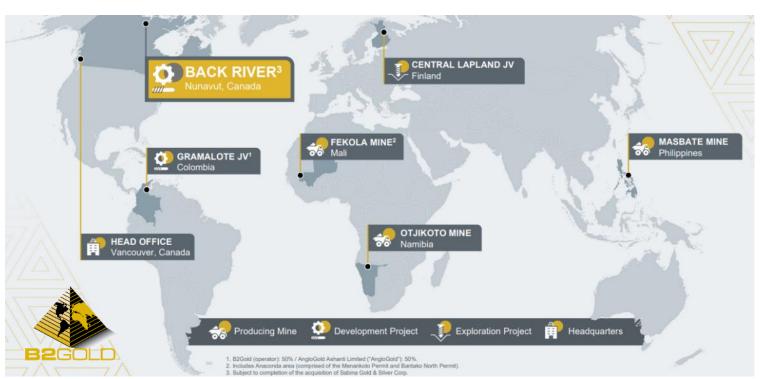
B2GOLD – STRATEGIC PARTNER



B2GOLD MADE A STRATEGIC INVESTMENT INTO MATADOR IN NOVEMBER 2022

FIRST EVER INVESTMENT IN CANADA

FIRST EVER STRATEGIC PLACEMENT



B2Gold has a long, rich history and track record of exploring, acquiring, building and operating mines

STRONG BALANCE SHEET⁽¹⁾

Cash: US\$652 million (US\$1.45 billion total liquidity)

SIGNIFICANT PRODUCTION

Annual gold production⁽²⁾: 1,040,000 ounces

Three operating mines⁽²⁾: Fekola (595koz), Masbate (180koz) and Otjikoto (200koz)

HIGHLY EXPERIENCED & CAPABLE TEAM

Mine builders: In-house development team

Global explorers: Track record of organic growth through Greenfields and brownfields exploration

CORPORATE CULTURE

ESG: Operating to the highest of standards financially, environmentally and socially

RECENT VISITS BY B2GOLD EXPLORATION LEADERSHIP



Matador exploration team on brownfield and greenfield sites with B2Gold exploration leadership team:
Andy Brown (VP Exploration), Claudia Gordillo (Chief Geologist) and Cam Bartsch (Chief Structural Geologist) as well as Brett Davis, a globally recognized structural geology expert

VP Exploration Crispin Pike walking through Greenfields opportunity with B2Gold SVP Exploration Vic King







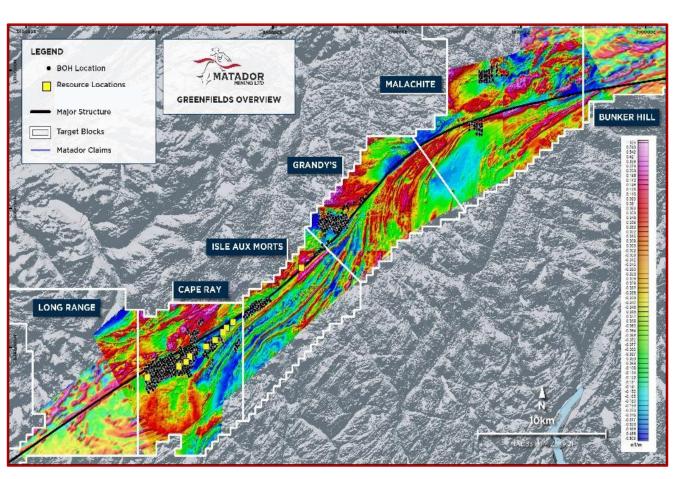




SYSTEMATIC APPROACH TO EXPLORATION



SYSTEMATIC APPROACH TO MAKE MAJOR DISCOVERIES AND FOCUSED ON RETURN ON INVESTMENT



HIGH-RESOLUTION AIRBORNE MAGNETICS

Identify the structures through geophysical datasets

DETAILED PROSPECTING, MAPPING & SAMPLING

Comprehensive outcrop sampling and mapping across all targets

BASAL TILL & BOTTOM OF HOLE SAMPLING

Systematically test the structures through shallow till cover to detect gold pathfinder elements \rightarrow vector in on specific areas for diamond drilling

DIAMOND DRILLING

Strategic drilling to tag into & define gold and other mineral deposits

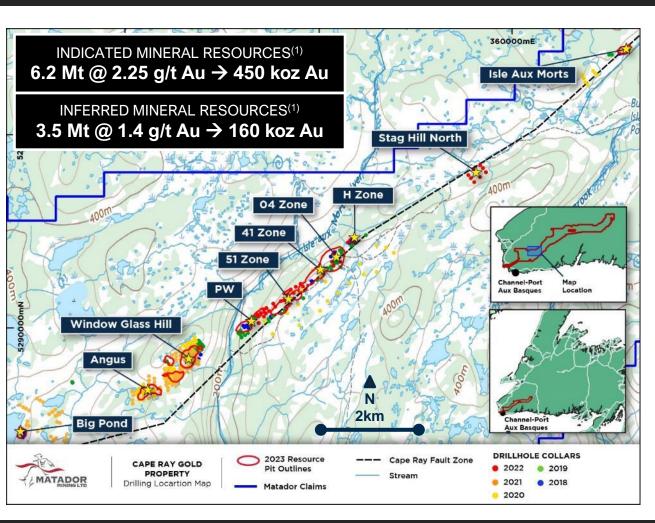
DATA REVIEW & ANALYSIS

Comprehensive review significant data & reports for target generation

BROWNFIELD EXPLORATION



ONE OF ONLY A FEW COMPANIES WITH A DEFINED GOLD RESOURCE IN NEWFOUNDLAND



MINERAL RESOURCE UPDATED

Higher quality resource incorporating all drill data to-date within resource corridor

MINERAL RESOURCE UPDATE HIGHLIGHTS

- 28% increase in Indicated Resources
- Minimal change to overall grade (1.96 g/t vs 2.00 g/t) despite decrease in cut-off grade

HIGH-GRADE AND SHALLOW

Approximately 96% of defined Resources are deposited less than 150 m below surface

GROWTH POTENTIAL

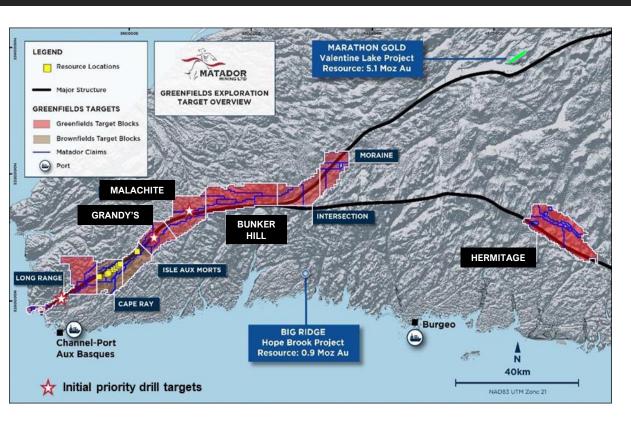
Identified several areas of high interest for future drilling

1. ASX Announcement 30 May 2023

2023 EXPLORATION PROGRAM PHASE ONE RESULTS



2023 EXPLORATION PROGRAM DESIGNED BASED ON RETURN ON CAPITAL TO MAKE DISCOVERIES



DIAMOND DRILLING

Phase One Completed

- ~2,500 metres drilled at Long Range, Grandy's & Malachite
- Awaiting assay results

PROSPECTING

Comprehensive program with nearly 800 samples collected

Hermitage

- Expanded target area with multigram gold & pathfinder element samples
- Discovery of large outcropping quartz veins
- Validating Au-As, Au-Sb associations; similar to Bendigo & Fosterville

Long Range

- Eight samples greater than 100ppb gold, peak value 4.38 g/t gold
- Significant pathfinder elements
- Multigram gold samples over an 8-km stretch

RC DRILLING

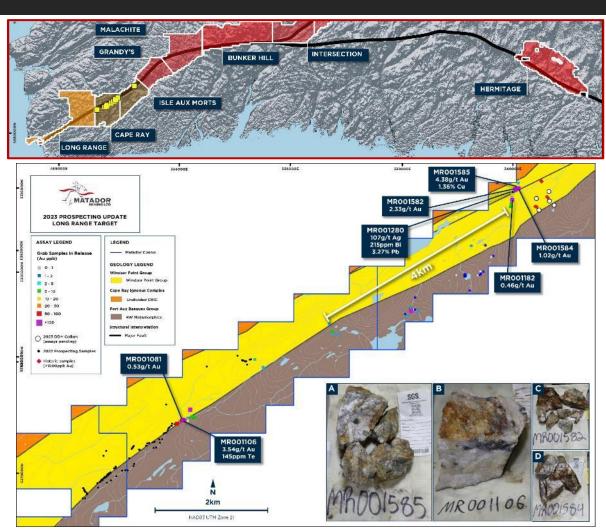
Permits received; program deferred (possible winter program)

RC targets: Long Range, Grandy's & Malachite

LONG RANGE TARGET AREA⁽¹⁾



2023 EXPLORATION RESULTS CONTINUE TO FAVOUR LONG RANGE AS A HIGH-PRIORITY TARGET



SIGNIFICANT HISTORIC RESULTS

High-grade samples: Historic, undrilled cluster of high-grade gold in rock chips associated with outcropping sulphide-bearing quartz veins

PROSPECTING GOLD RESULTS

Multigram gold: 4.38 g/t, 3.54 g/t, 2.33 g/t with significant pathfinders

Expanded strike: Multigram gold samples across 8-km strike, still open

KEY PATHFINDER ELEMENTS

Tellurium significance: Tellurium (Te) values peak at 145 ppm → approx.

10 to 100 times greater than Te values in resource areas

Other key pathfinders: 107 g/t Ag, 215 ppm Bi, 1.38% Cu

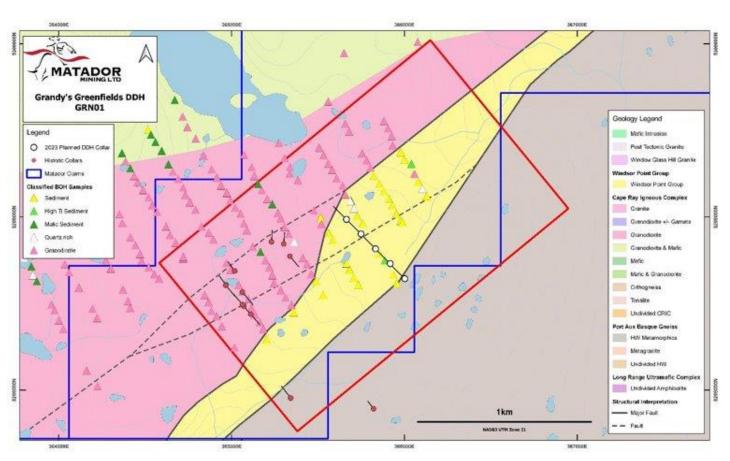
DIAMOND DRILLING RESULTS

Awaiting assays: Five holes drilled near historic samples

GRANDY'S TARGET AREA



LOCATED EAST OF MALACHITE ON THE LARGE STRUCTURAL BEND OF THE CRSZ



DIAMOND DRILLING

Five holes completed with assays pending

SIGNIFICANT HISTORICAL RESULTS

2021 Blind BOH recovered 520 ppb gold sample⁽¹⁾

High-grade rock chip samples (25.4 g/t gold)⁽²⁾ and boulder (191 g/t gold)⁽²⁾

LITHOLOGICAL TARGET

Samples and drilling targeted Windsor Point Group

PLANNED RC DRILLING

Prime target for future RC drilling as part of comprehensive BOH/Basal Till sampling program

MALACHITE OVERVIEW



MALACHITE IS A VAST, LARGELY UNDEREXPLORED TARGET AREA WITH 15-KMS OF STRIKE, 4-KMS WIDE



GEOLOGICALLY COMPLEX

Major structural bend along the multi-million-ounce gold structure with several large arrays of faults and shear zones splaying off main shear zone

EXTENSIVE GOLD IN TILL

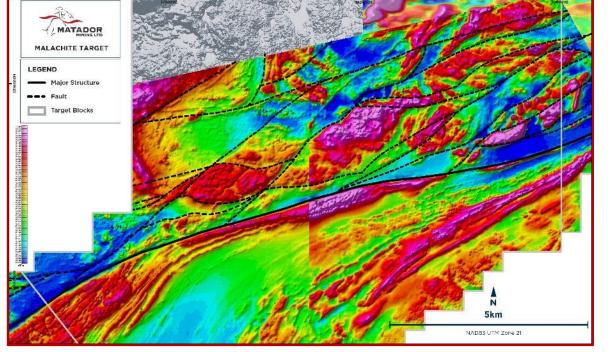
Gold grain analysis demonstrates significant amounts of gold in till across tenement

HYDROTHERMAL SYSTEMS

Prospecting identified extensive outcropping quartz and sulphide veining

BASEMENT GOLD CONFIRMED

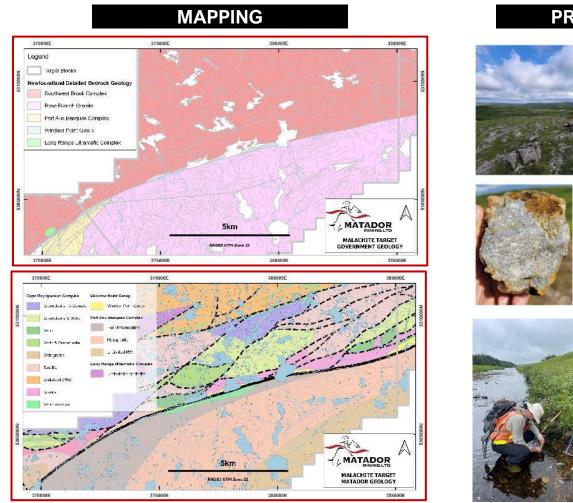
2022 reconnaissance diamond drilling confirmed basement gold



MALACHITE PROSPECTIVITY



MALACHITE IS A VAST, LARGELY UNDEREXPLORED TARGET AREA WITH 15-KMS OF STRIKE, 4-KMS WIDE





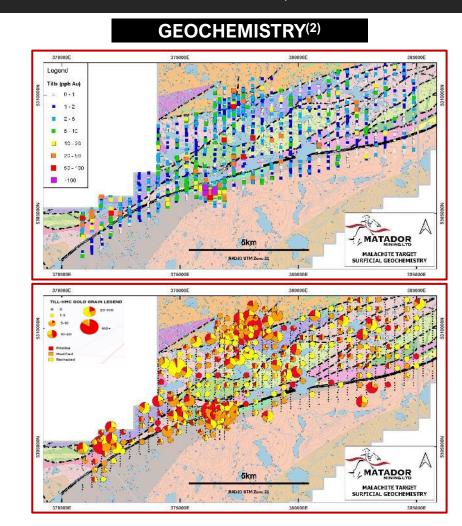
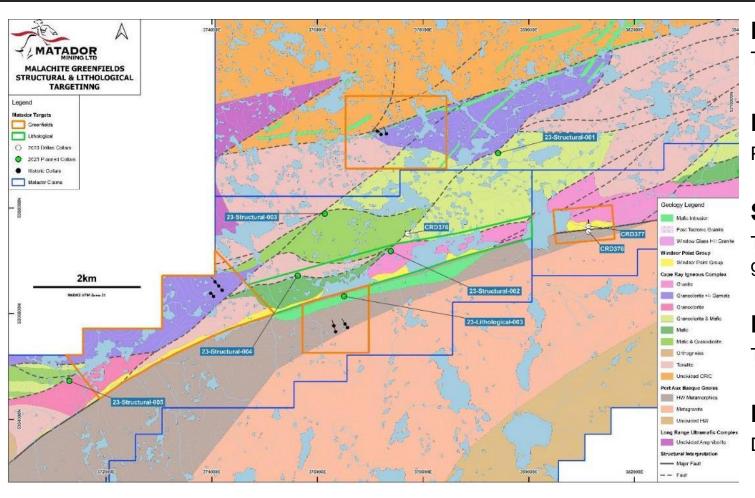


Figure modified from ASX release dated 8 Jun 2022

MALACHITE DRILLING



2023 DIAMOND DRILL PROGRAM FOCUSED ON KEY STRUCTURAL AND LITHOLOGICAL TARGETS



DIAMOND DRILLING

Three holes from phase one completed with assays pending

RECONNAISSANCE DIAMOND DRILLING

Phase one completed with three drill holes; assays pending

STRUCTURAL TARGETING

Targets based off 2021 & 2022 magnetics and prospecting; geological complexity

LITHOLOGICAL TARGETING

Targets based off detailed analysis on the resource corridor

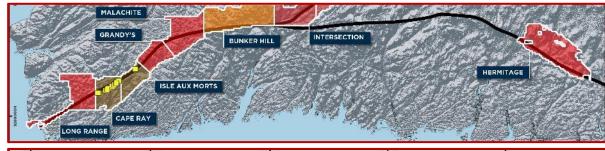
BOTTOM-OF-HOLE/BASAL TILL PROGRAM

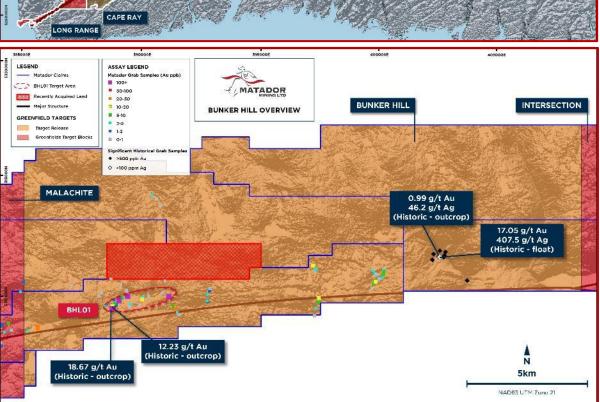
Deferred to possible winter drill program

BUNKER HILL TARGET AREA (1)



BUNKER HILL TARGET AREA HAS A STRIKE LENGTH OF 24KM, 60% GREATER THAN THAT OF MALACHITE





RECENT MULTIGRAM SAMPLE RESULTS

Anomalous gold mineralisation

Float samples: 3.52 g/t, 2.51 g/t, 1.72 g/t & 1.57 g/t

Strike extended

Peak gold assay (3.52 g/t) located 900 metres from historic high-grade outcrop (18.67 g/t)

Significant pathfinder elements

Including silver (27.7 g/t) & copper (0.24%)

Regional exploration

Prospecting result 15 kilometres away delivering 17.05 g/t Au associated with increased levels of silver and copper

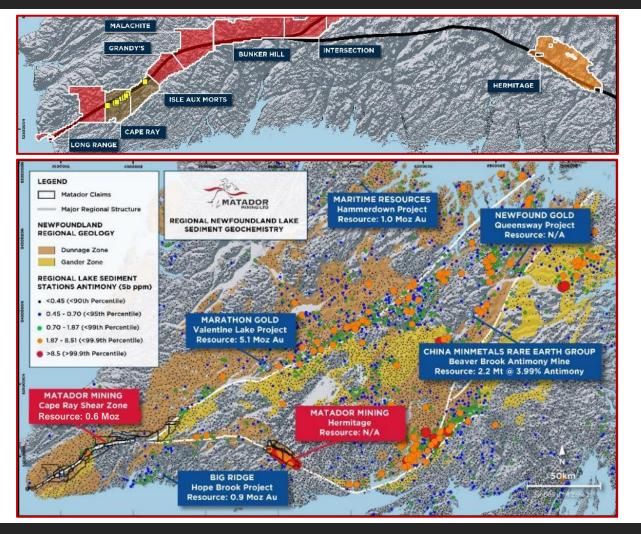
HISTORIC SAMPLES

Commodity	Results			
Gold	18.67 g/t, 17.05 g/t			
Silver	407.5 g/t, 35.3 g/t, 34.1 g/t			
Copper	57%, 1.6%			

HERMITAGE OVERVIEW



LARGEST ARSENIC & ANTIMONY ANOMALY IN NEWFOUNDLAND ON UNDEREXPLORED GOLD BELT



SITUATED ON A PROSPECTIVE GOLD BELT

Hermitage Flexure: Structure hosts other major gold discoveries including Newfound Gold

Extensive land position: Company holds ~27kms of continuous strike

WELL SITUATED GEOLOGICAL SETTING

Structurally unique: Orientation vastly different to all other major geological structures in Newfoundland

Major splay: Hermitage flexure is a major regional splay off the CRSZ

REMOTE, VASTLY UNDEREXPLORED AREA

Historic work and data: Previous grassroots base metals work by mining giants: Teck, Falconbridge and Inco

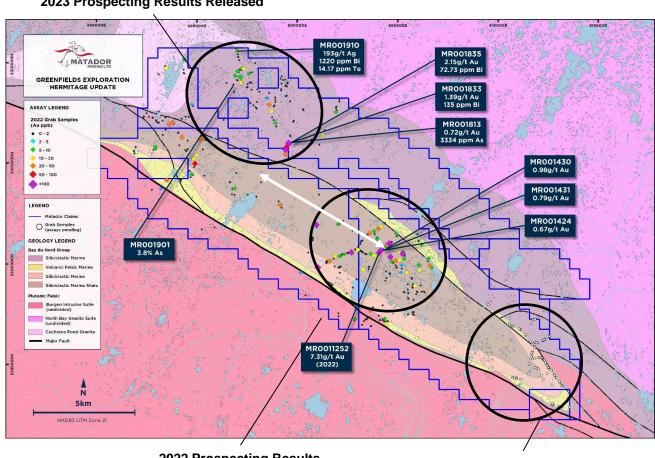
Large anomaly: Location of five out of eight major antimony anomalies

HERMITAGE PROSPECTING(1)



2023 EXPLORATION RESULTS CONTINUE TO FAVOUR HERMITAGE AS A HIGH-PRIORITY TARGET

2023 Prospecting Results Released



2022 Prospecting Results

2023 Prospecting Assays pending

HIGH-GRADE GOLD SAMPLES

Multigram gold: 7.31 g/t, 2.15 g/t, 2.10 g/t (all outcrops) with significant pathfinders

Scale: Over 17 samples delivered greater than 100 ppb Au over seven kilometres from 2022 discoveries.

SIGNIFICANT PATHFINDERS AKIN TO BENDIGO TERRANE

Pathfinder elements: Results indicate arsenic-gold and antimonygold associations

Validating large anomaly: Results validate historic Government surveys indicating Hermitage as largest antimony & arsenic anomaly in NL

GEOLOGICAL FEATURES

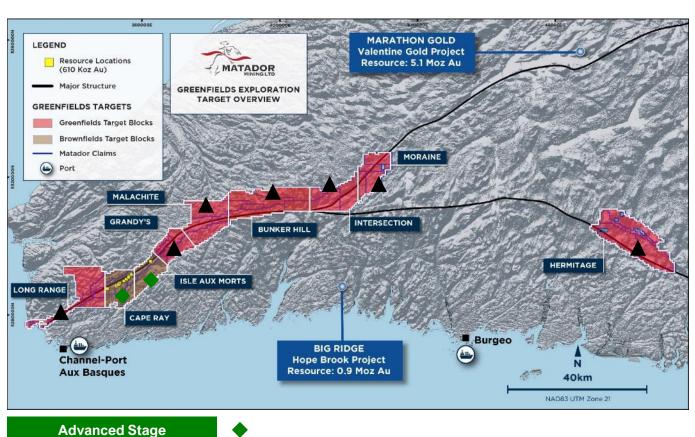
Hydrothermal activity: Discovered series of large outcropping quartz veins

Geological Complexity: Sampling and mapping identified differing structural setting to 2022 high-grade sample

NEAR-TERM EXPLORATION PLAN



FORWARD STRATEGY MIX OF BROWNFIELDS AND GREENFIELDS EXPLORATION



ADVANCED STAGE ACTIVITIES

Diamond drilling: Designed for high return on investment

Brownfields: Several high priority targets identified in resource corridor

INTERMEDIATE STAGE ACTIVITIES

Bottom-of-hole / basal till sampling: Targets identified through prospecting, mapping and sampling work

Greenfields: Building a robust pipeline of Greenfield opportunities along CRSZ & Hermitage

EARLIER STAGE ACTIVITIES

Prospecting: Continued comprehensive prospecting, mapping and sampling program to support target identification

Geochemistry & Geophysics: Utilize critical low-cost exploration tools

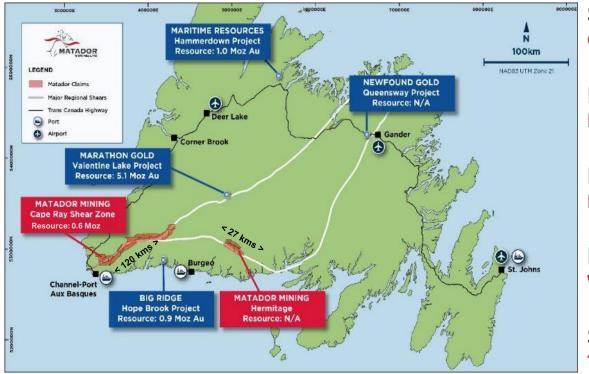


WHY MATADOR?



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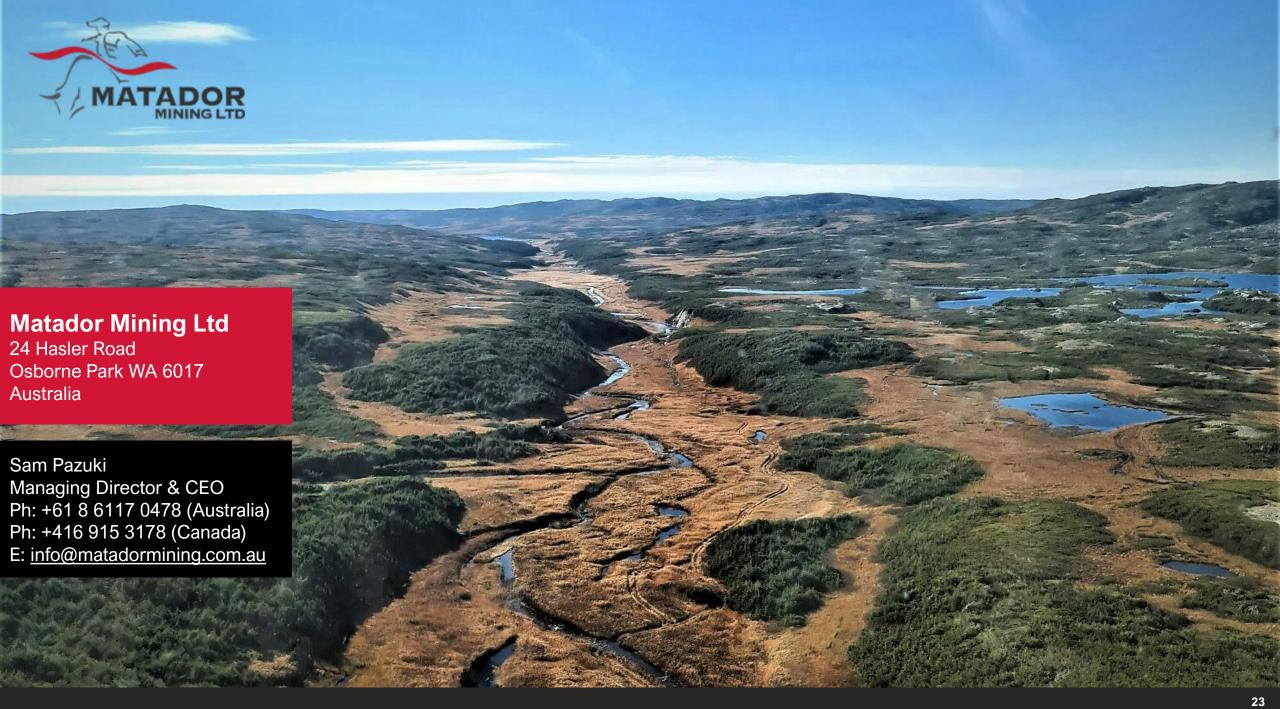
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With a track record of making multi-million-ounce gold discoveries

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2023 MINERAL RESOURCE (1)



UPDATED MINERAL RESOURCE ESTIMATE – CONSTRAINED ESTIMATE, INCLUSIVE OF 2020-2022 DRILLING

2023 MINERAL RESOURCE ESTIMATE								
	Cut-off Grade	Tonnes	Grade	Contained Metal				
	g/t Au	Mt	g/t Au	koz Au				
OPEN PIT – TOTAL INDICATED & INFERRED MINERAL RESOURCES								
Central Zone	0.30	4.2	2.82	377				
Window Glass Hill	0.30	4.5	0.96	140				
Isle Aux Morts	0.30	0.5	2.35	35				
Big Pond	0.30	0.1	3.01	9				
TOTAL OPEN PIT	0.30	9.3	1.88	560				
UNDERGROUND - TOTAL INDICATED & INFERRED MINERAL RESOURCES								
Central Zone	2.00	0.4	3.80	49				
TOTAL UNDERGROUND	2.00	0.4	3.80	49				
OVERALL - TOTAL INDICATED & INFERRED MINERAL RESOURCES								
TOTAL RESOURCE		9.7	1.96	610				

1. ASX Announcement 30 May 2023

2023 MINERAL RESOURCE (1)



SX: MZZ | OTCQB: MZZM

										ASX: MZZ OT
			OPEN PIT MINERAL RESOURCE ESTIMATE			UNDERGROUND MINERAL RESOURCE ESTIMATE				
	Deposit	Zone	Cut-off Grade	Tonnes	Grade	Contained Metal	Cut-off Grade	Tonnes	Grade	Contained Metal
	Берозіі		g/t Au	kt	g/t Au	koz Au	g/t Au	kt	g/t Au	koz Au
INDICATED	Central Zone	Zone 4	0.30	1,205	3.88	151	2.00	169	2.89	16
		Zone 51	0.30	546	5.15	90	2.00	91	4.70	14
		Zone 41	0.30	841	2.04	55	2.00	8	2.82	1
		PW	0.30	533	0.99	17	-	-	-	-
		H Zone	0.30	70	1.24	3	-	-	-	-
		Central Total	0.30	3,196	3.07	316	2.00	268	3.50	30
MINERAL RESOURCES		WGH	0.30	2,512	1.01	81	-	-	-	-
	WGH	Angus	0.30	-	-	-	-	-	-	-
		WGH Total	0.30	2,512	1.01	81	-	-	-	-
	Isle Aux Morts	All	0.30	220	2.81	20	-	-	-	-
	Big Pond	All	0.30	14	5.63	3	-	-	-	-
	TOTAL OP INDICATED		0.30	5,943	2.20	420	2.00	268	3.50	30
	Central Zone	Zone 4	0.30	180	3.43	20	2.00	21	3.19	2
		Zone 51	0.30	51	2.28	4	2.00	80	5.17	13
		Zone 41	0.30	104	3.16	11	2.00	36	3.29	4
		PW	0.30	620	1.32	26	-	-	-	-
		H Zone	0.30	4	0.81	0.1	-	-	-	-
INFERRED MINERAL		Central Total	0.30	959	1.97	61	2.00	137	4.38	19
RESOURCES	WGH	WGH	0.30	1,192	0.98	37	-	-	-	-
		Angus	0.30	842	0.79	21	-			-
		WGH Total	0.30	2,034	0.90	59	-	-	-	-
	Isle Aux Morts	All	0.30	244	1.93	15	-	-	-	-
	Big Pond	All	0.30	74	2.50	6	-	-	-	-
	TOTAL OP	INFERRED	0.30	3,311	1.32	141	2.00	137	4.38	19

1. ASX Announcement 30 May 2023 25