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## **GBM's strategy**



Assemble, explore and develop world class, high grade gold resources

## Key focus: On Prospective Drummond Basin Gold Flagship

Approximately 4,540 km<sup>2</sup> Claims Package

1.6 Moz Gold JORC Resources

Aiming to define 2-3 Moz Gold Resource in Drummond Basin, QLD, Australia

Planned inground resource and exploration spend A\$ 7.5 M over 12 months

Regional exploration around potential processing hub on existing ML's

Highly Prospective for new discoveries – "Bonanza Vein / Breccia / Yandan potentially bulk mineable"

### Targeting Company Making Discoveries

Safe mining jurisdiction and low sovereign risk

### Cashflow: White Dam, Gold-copper Heap Leach

- Generating approx. A\$230 K per month → 100% GBM
- Following drilling in 2021, updated JORC resource pending
- Exploring value realisation options following several approaches

### Partner Funded Projects → >A\$3 M next 12 months

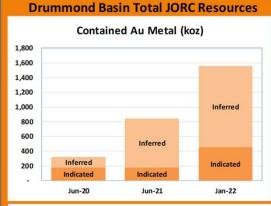
- Cloncurry JV, Copper-gold → Nippon Mining Australia, A\$17 M to date
- Malmsbury JV, Gold → Novo Resources, ~\$2.0 M this CY
- Mt Morgan, Gold-copper → Spin out to TSXv co. finalising 43-101 and definitive agreement - shareholders approved deal at AGM

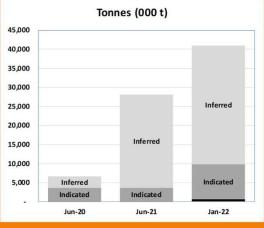
## **GBM** has delivered



## In 2020 and 2021 progress:

- Significant increase in gold resources with consolidation, see chart<sup>1</sup>
- Joint ventured "Fosterville style gold" Malmsbury project in Victoria
- Advancing high potential copper/gold ground in NW QLD province
- Significant growth in GBM's market value since November 2019
- Non-Core asset disposals continued:
  - recent Milo Brightlands sale ~\$2.5 million (cash and shares)
  - Mt Morgan vend out, 43-101 document nearing completion
  - White Dam value adding continuing and asset options being reviewed
  - Mayfield tenement sale progressing
- 1 for 10 Loyalty Option announced additional funding for 2022





## 2022 Plans



1. **Drummond Basin**, QLD, Australia (Prioritise Resource Expansion, Category Upgrades and New Discoveries)

## **Exploration Priorities**

- Commence >20,000 m drilling program (Twin Hills, Yandan, Illamahta, Mt Coolon)
- Advance geological models for targets at Yandan and Glen Eva/Eastern Siliceous Zone
- Finalise regional geological database of all prospects to allow ranking and prioritisation for further drilling
- Explore options to accelerate drilling/exploration plans on the extensive tenement package

### **Development Studies**

- Mineral Resource Estimate updates (commence Yandan MRE update, further MRE on Twin Hills as drilling progresses)
- Open Pit and UG mining production modelling/options for Twin Hills

## 2. White Dam Gold-Copper Heap Leach, SA, Australia

- Maximise cashflow/value add and review commercial options
- 3. Partner Funded Projects, VIC & QLD, Australia (>A\$3 M next 12 months)
- 4. Finalise remaining non-core asset disposals

# Growing resource base provides leverage to gold price



- GBM's growing gold resource base (330 koz to ~1.6 Moz) provides leverage to the rising A\$ gold price
- Short term the rising copper and gold prices support additional cashflow generation from the White Dam Heap Leach operation



# Successful, experienced global directors/team with a history of value add



### Peter Mullens, Executive Chairman

- mine & exploration geology internationally

### **Peter Rohner, Managing Director**

- world leading figure in metallurgy

### **Tom Cooney, Chief Operating Officer**

- mining engineer with development and operations experience

### **Brent Cook, Non-Executive Director**

- respected economic geologist

### Stephen Nano, Advisor, Technical & Corporate Development

- international experience geology and corp. development

### Strengthen corporate position; GBM 's market value

Market capitalisation (end Jan): \$61.3 M (\$6 M Jan. 2020)

Cash/receivables and marketable securities: \$ 6.4 M

Enterprise value: \$54.9 M

Share price: 12.5 cents (3.6 cents Jan. 2020)

North American and European funds in GBM's expanded shareholder base

Largest (and Strategic) shareholder: Aeris Resources with 6.8%



https://www.marketindex.com.au



# Mount Coolon, Yandan and Twin Hills Gold-Silver Projects

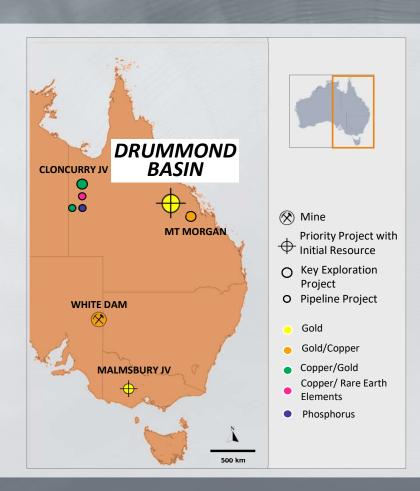
# Drummond Basin

GBM drilling at Yandan, 14 April 2021



## Our Business – Focus on Drummond Basin





- 400% increase in resources
- Focus on flagship <u>Drummond Basin</u> gold
- Significant tenement position (3,757 km<sup>2</sup> granted and 783 km<sup>2</sup> under application) in prospective region

## Drummond Basin (100%) ~1.5 Moz Au 1

Mount Coolon 330 koz (6.7 Mt @ 1.5 g/t Au)

Yandan 521 koz (21.5 Mt @ 0.8 g/t Au)

Twin Hills
 761 koz (12.9 Mt @ 1.8 g/t Au)

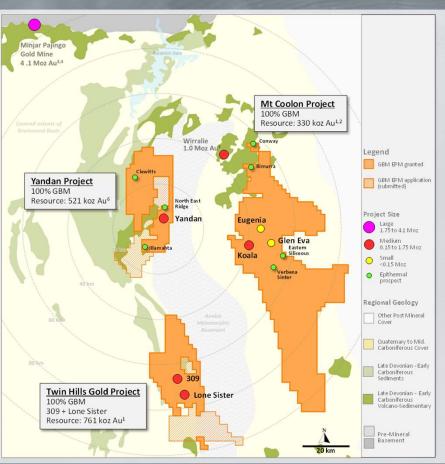
Open Pit (309)
424 koz (10.2 Mt @ 1.3 g/t Au)

UG (309 and Lone Sister) 337 koz ( 2.6 Mt @ 4.0 g/t Au)

Predominately on granted Mining Leases

# **Drummond Basin – Flagship Gold Province**

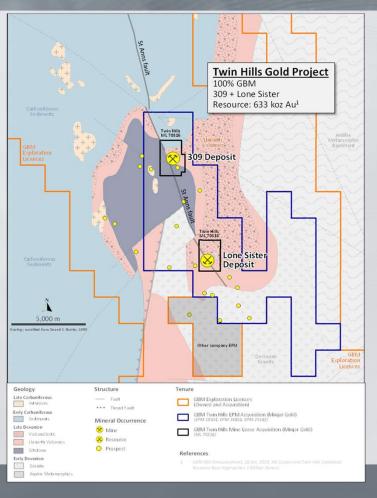




- High potential for new discoveries and to increase and upgrade resources at each site
- 13 epithermal gold systems in portfolio and many more prospects
- 2021 completed drill programs at Yandan (5,676 m) and Mt Coolon (6,197 m)
- Twin Hills drilling expected start February 2022
- 2022 Plan expanded >20,000 m program
  - ~10,000 m at Twin Hills and ~10,000 m at Mt Coolon/Yandan Projects

# Twin Hills Resource Expansion and Regional Exploration Opportunities





## Twin Hills Project

- Higher grades over extended intervals
- Upside to resources at both projects and nearby targets
- Historical drill results <sup>1</sup>

### 309 Deposit

- THRCD875: 140.6 m @ 5.2 g/t Au from 154 m → 731 g/m

incl. 8 m @ 81.8 g/t Au from 177 m

- TRCD384: 190 m @ 2.3 g/t Au from 25 m → 437 g/m

incl. 27 m @ 7.3 g/t Au from 100 m

### Lone Sister Deposit

- LRCD015: 146 m @ 9.8 g/t Au from 104 m  $\rightarrow$  1,430 g/m

incl. 28 m @ 45.2 g/t Au from 211 m

- LRCD140: 254 m @ 1.2 g/t Au from 128 m → 304 g/m

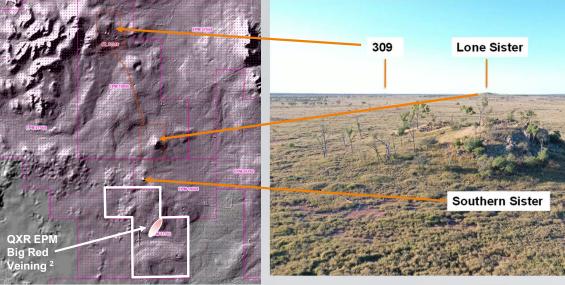
incl. 12 m @ 4.1 g/t Au from 265 m

# Twin Hills Resource Expansion and Regional Exploration Opportunities





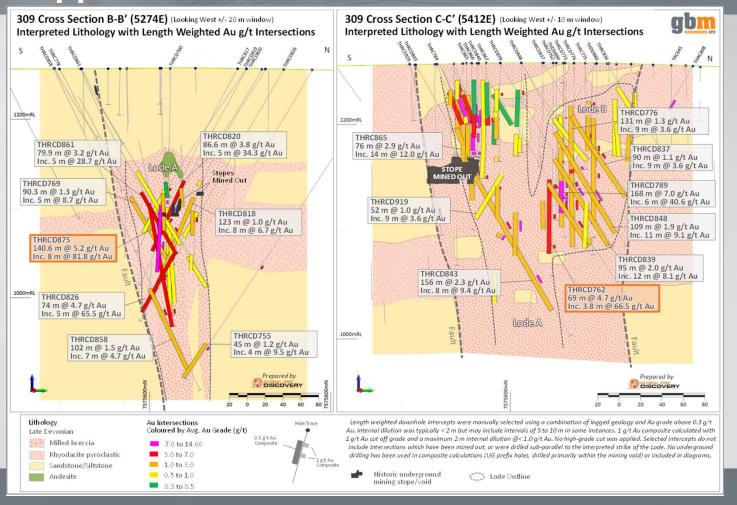
Entrance Portal to 309 Underground Mine, September 2020



- The Twin Hills area is very flat with limited outcrop. It remains poorly explored due to thickness of cover and lack of resources
  of previous owners. More recently QX Resources Limited (ASX: QXR) has identified epithermal veins in trenches adjoining the
  Twin Hills EPM19504.
- Walk up targets include the outcropping Southern Sister breccia which lies ~ 3 km west of Lone Sister in a similar structural setting to the 309 deposit.
- Only two 150 m deep RC holes have been drilled at Southern Sister. Both have anomalous gold and arsenic values.
   SSRC004 intercepted 6.0 m @ 0.49 g/t Au from 126 m.

# Twin Hills Expansion and Regional Exploration Opportunities



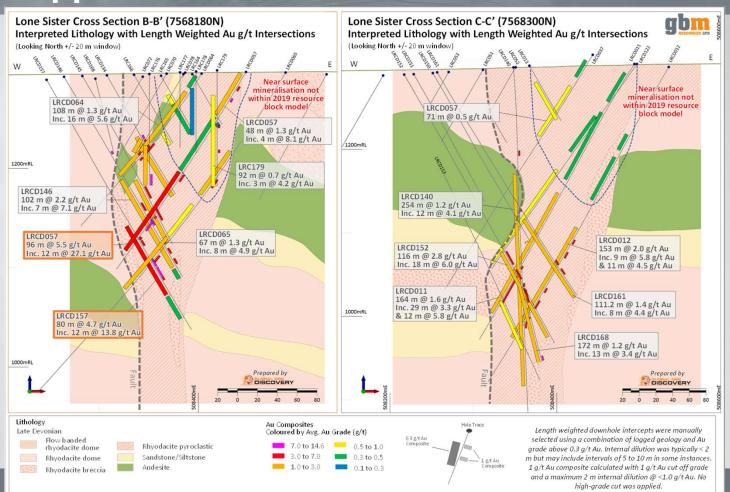


- Twin Hills Project → 309Deposit
- Resource upside at depth and down plunge
- Poorly drilled below 250 m
   from surface
- Development optionality with existing decline

1 GBM ASX Announcement, 20 July 2021, Twin Hills Gold Project - Technical Review

# Twin Hills Expansion and Regional Exploration Opportunities



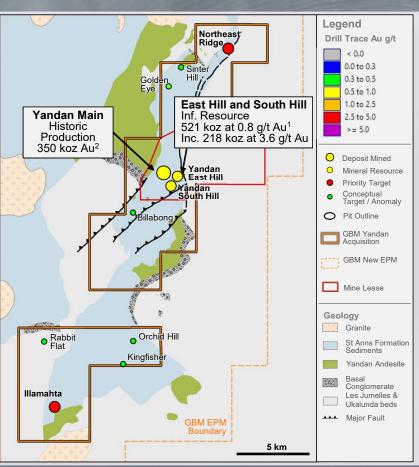


- Twin Hills Project → Lone
  Sister Deposit
- Resource upside near surface and at depth and down plunge
- Poorly drilled below 250 m
   from surface
- Open pit resource potential
- Current JORC resources only UG component

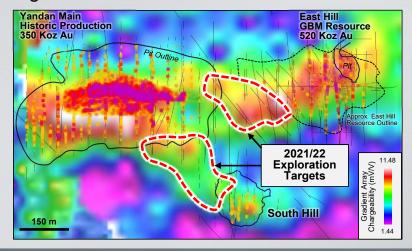
1 GBM ASX Announcement, 20 July 2021, Twin Hills Gold Project - Technical Review

# Yandan Resource Expansion and Regional Exploration Opportunities





- Initial drill program completed at Yandan August 20213
  - Mineral Resource estimate being updated (Yandan, along with Main Pit and Illamahta)
  - 21YEDD006A 214 m @ 1.6 g/t Au → 342 g/m
  - 21YEDD007 189 m @ 2.0 g/t Au → 378 g/m
- Regional exploration priorities, Northeast Ridge and Illamahta, with significant historic gold drill intersections
- Registered ML with infrastructure
  - water dams
  - tailings dam
  - power line
  - air strip



# Yandan Resource Expansion and Regional Exploration Opportunities



- Initial drill program completed at Yandan <sup>1</sup>
  - Mineral Resource estimate being updated (Yandan, along with Main Pit and Illamahta)
  - 21YEDD006A 214 m @ 1.6 g/t Au
  - 21YEDD007 189 m @ 2.0 g/t Au

Photographs of veins from 21YEDD006A. Photos (A) and (B) are from 321 – 322 m which returned an assay of 23.8 g/t Au. All veins are comprised of abundant bladed carbonate replaced by silica. Well-developed colloform banding overgrowing the bladed carbonate zones is evident in (B)

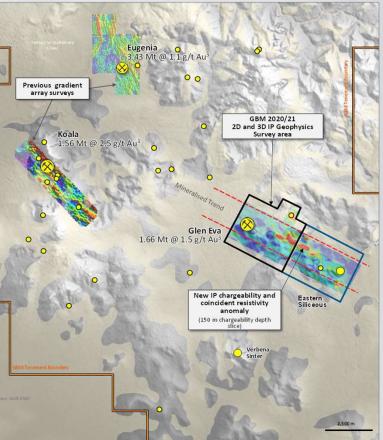




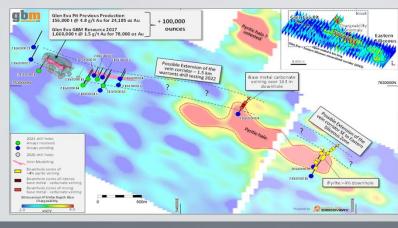
# Mt Coolon Resource Expansion and Regional Exploration Opportunities





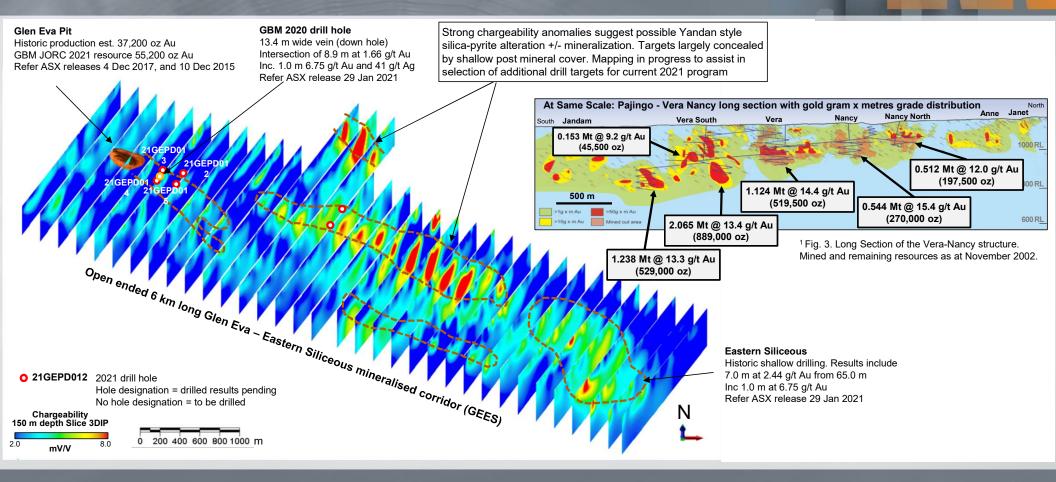


- JORC resources 330 koz Au at Koala and Eugenia
- Targeting Glen Eva Eastern Siliceous Trend with strong IP anomalies
- 2021- drilled approx. 6,200 m
  - Significant veining and moderate grades in first 5 holes, to report final assays



# Mt Coolon Glen Eva Comparison to Pajingo Trend



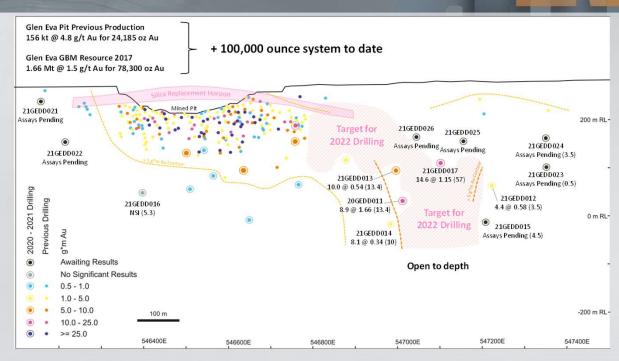


# Mt Coolon Glen Eva – Current Drilling (Remaining assays to be reported soon)





Photos of drill core from 216ED0017. (A) Part of the 57 m wide vein zone from 185.5 m to 203 m. Depth increases from left to right with silica-pyrite (dark grey) merging into 204 m. Jasperoid-pyrite (orange and grey) to colloform banded quartz-chalcedony-adularia-illite-pyrite (white). (B) Quartz-jasperoid-pyrite vein from 195.1 m. (C) Vein at 205.8 m showing breccia of banded chalcedony and illite overprinted by infill of adularia and quartz with lesser pyrite deposited along the edge of the breccia under the adularia.

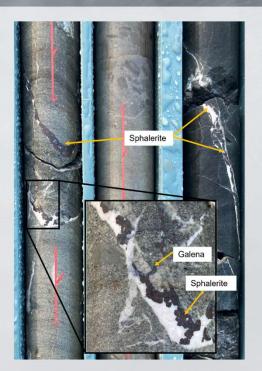


• Gold assays have been received for the first 5 holes and include 21GEDD017 returning 14.6 m @ 1.15 g/t Au within a 57 m wide zone of intense epithermal veining that includes high level banded jasperoidal silica-pyrite, indicative of the top of the epithermal column

# Glen Eva Eastern Siliceous (GEES) Trend

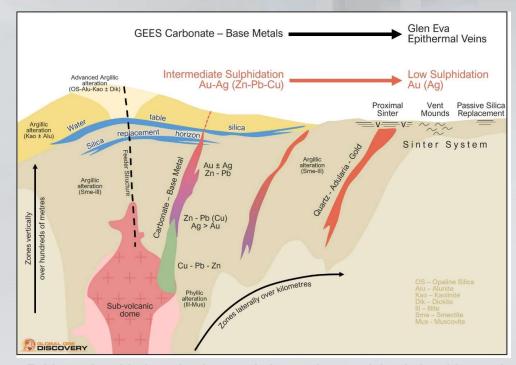
(Assays Pending)







Photos of carbonate base metal veins in drill core from 21GEDD019 at (A) 240 m and (B) 226 m. Note that euhedral sphalerite is deposited along the vein margins in a basic cockade texture.

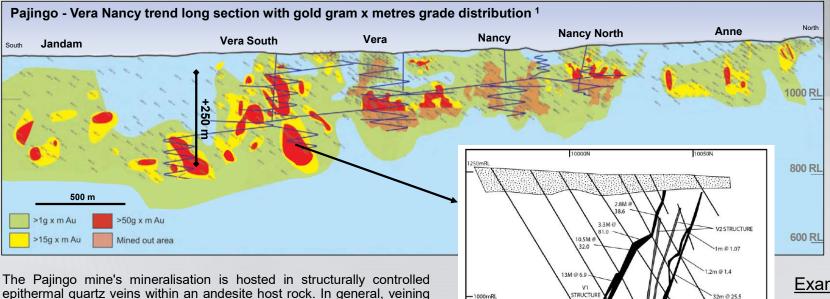


Epithermal gold deposit characteristics and potential relationship to the GEES Trend.

The Glen Eva epithermal veining, the pyrite halo, and CBM veining may be part of a large mineral system that zones from a base metal bearing core to a low sulfidation precious metal system to the north-west at Glen Eva

# Pajingo – Epithermal Trend





3.9M @ 5.65

Figure 2.27. Cross section through the Vera South ore body (Butler 2000).

V3 STRUCTURE

Pajingo - Vera Nancy Trend (Production + Resources) ~ 5 Moz Au<sup>2</sup>

epithermal quartz veins within an andesite host rock. In general, veining strikes grid east and is steeply dipping. Mineralisation plunges towards the east, with internal high grade zones plunging towards the west. High grade zones typically return multiple assays >100 g/t Au.

Most ore bodies comprise a main vein, which carries the bulk of the precious metals, and splay veins that can contain economic grades but are less continuous than the main vein. The mineralised structures can vary from less than one metre to 15 metres in width, but are generally one metre to three metres wide.

## **Example - Vera South History**

Drilling commenced in 1997 and by June 1999,

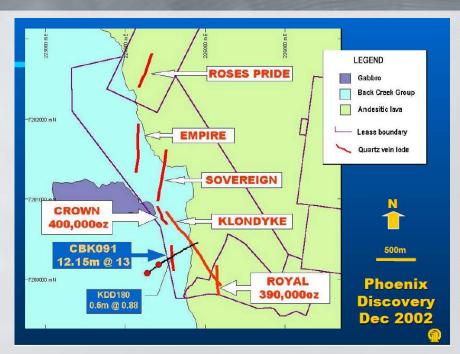
2.0 million tonnes @ 14.1 g/t Au for 889,000 oz had been reported inferred as an resource 3.

Pajingo Long section modified from Hoschke T. Sexton M. (2005) Geophysical exploration for epithermal gold deposits at Pajingo, North Queensland, Australia. Exploration Geophysics 36, 401-406.

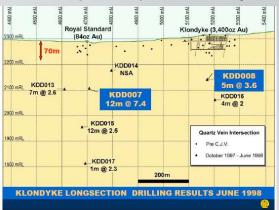
<sup>&</sup>quot;The geological and grade continuity of Pajingo epithermal gold system", Masters (Research ) thesis, James Cook University Bianca Pietrass, 2005

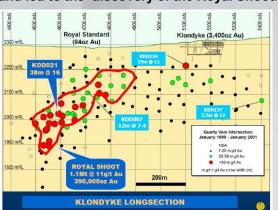
# Cracow – Epithermal System





### The third exploration phase in January 1999 and led to the discovery of the Royal Shoot.



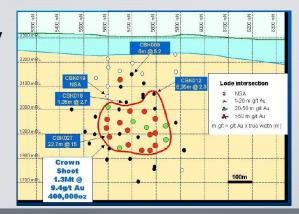


**Crown Shoot Discovery** - 2001

Cracow has been a consistent and reliable operation, producing a total of 1.4 Moz ounces of high-margin gold since mining began in 2004. Following historical mining at Golden Plateau which produced 0.85 Moz from 1930's to 1992.

Gold mineralisation within the Cracow operation is associated low sulphidation epithermal mineralisation formed along multiple fault structures over the current known footprint of 4 km x 4 km. Along each mineralised structure, higher grade gold shoots form at sites of increased dilation and fluid flow.

**Cracow System** (Production + Resources) ~ 2.78 Moz Au 1,2

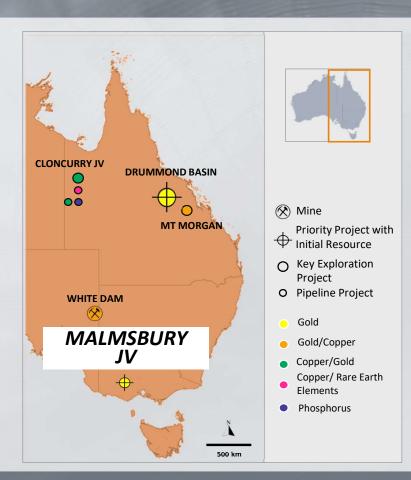


<sup>&</sup>quot;https://www.aerisresources.com.au/wp-content/uploads/2021/10/Resource-and-Reserve-2021-Report-1.pdf
Creenaune P, Braund K, McLeod R 2003 - The Cracow gold project, Cracow, Queensland, a discovery case history: in NewGenGold 2003, Conference Proceedings, Perth WA, Louthean Media, Perth pp 159-170



# Our Business - Malmsbury JV





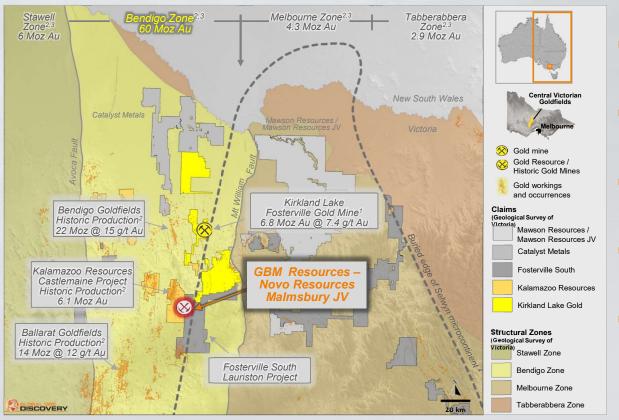
- Prospective "Fosterville style" gold target Victorian goldfield
- Novo Res. partner funded exploration ~\$2.0 M planned for 2022

## Malmsbury JV (50%, with Novo Resources Corp. 50%)

- 104 koz Au (820,000 t @ 4 g/t Au) on Retention Licence
- GBM managing exploration
- Potential for "Fosterville style" mineralisation
- Drilling commenced in early December 2021 and is ongoing

# Malmsbury: Fosterville style Gold Project Joint Venture with Novo Resources Corp.



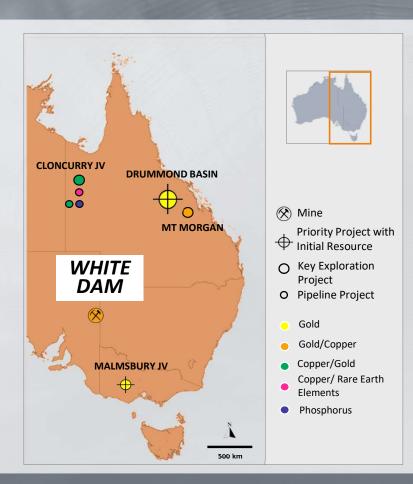


- Targeting Fosterville style high grade gold
- Novo excited about project potential -50% acquired in 2020
- \$5 million spend for additional 10% project interest by Novo
- Encouraging rock chip and soil sampling results along with gravity survey
- **Drilling commenced early December** 21, ~2,750 m planned, 3 holes completed for ~609 m



## **Our Business – White Dam**





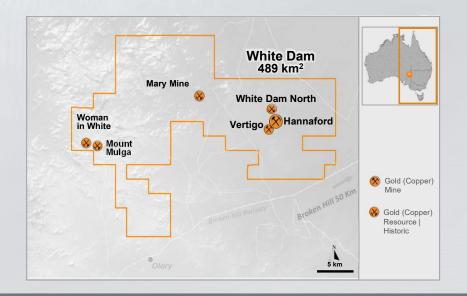
- Produced first gold and copper cashflow
- Expanding production
- Resource drill out completed, updated mineral resource estimate being finalised
- Further mining options and value adding options being reviewed

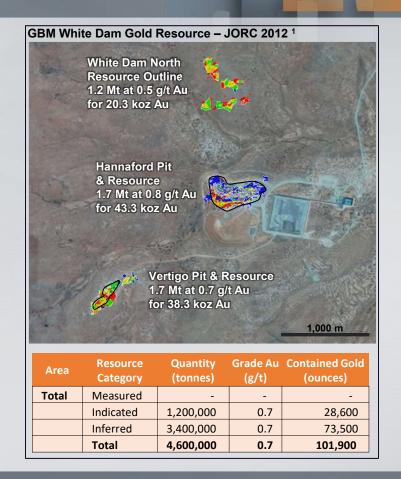
### White Dam (100%, end July 2021) - 102 koz Au JORC Res.

- GBM share of production for 1<sup>st</sup> half 2021/22 was 874 oz Au plus copper
- Leveraging GBM's leading metallurgical expertise
  - Operation profitable again
- To grow and upgrade Resource (4.6 Mt @ 0.7 g/t Au)

# White Dam Gold Copper Heap Leach Operation Cash flow from gold-copper production

- Significant Project assets
  - Existing resources
  - Pads and operating gold plant
  - Significant tenement position (489 km²)





# **Summary – Catalyst's**

- 1 Focused Board and management with international experience and discovery track record
- 2 Cash/Receivables/Marketable Securities of approx. A\$6.4 million (including Milo sale shares ~\$2 million)
- 3 ~1.6 Moz resource base at Flagship Drummond Basin Gold-Silver Project Great Start, more to come
  - Completed ~12,000 m drill program at Mt Coolon/Yandan Projects in 2021.
  - Drilling to commence at Twin Hills February 22 (planning for >20,000 m drill program in 2022)
  - Many regional targets being prioritised for 2022 activities
  - Low EV/resource ounce significant re-rating potential
- 4 Malmsbury orogenic gold Novo Res. 50% JV partner and earning another 10%
  - 2022 exploration budget ~A\$2 million,
  - Initial exploration results very encouraging, drilling started December 21, awaiting results
- 5 White Dam Heap Leach Gold-Copper → now 100% owned, delivering cash flow
  - Potential to expand production and extend mine life via in-pit resource evaluation (Maiden JORC 2012 Resource -101,900 oz)
  - Resource upgrade underway
  - White Dam value adding continuing and asset options being reviewed
- 6 Cloncurry IOCG copper gold JX Nippon Mining and Smelting 54% JV partner 2022 exploration budget ~A\$0.9 million
- Mt Morgan gold-copper vend out the project, definitive agreements at hand, 43-101 in progress, shareholder approval at last AGM, progressing

## **Contact**

## **Peter Rohner**

Managing Director GBM Resources

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**ASX: GBZ** 





# A team with a proven track record

#### Peter Mullens, Executive Chairman

- Geologist (BSc, FAusIMM) with 37 years' international experience in mine and exploration geology
- 17 years in Director / officer roles in public and private resources companies
- Lydian Resources (TSX:LYD); Laramide Resources (TSX:LAM); Aquiline Resources (TSX:AQI)

#### Peter Rohner, Managing Director

- Metallurgist (BSc, Grad. Dip Applied Finance) with 35 years' project development and metallurgical plant operations experience
- 14 years in Director / officer roles in public and private resources companies
- Founder and Technical Director; Core Resources: world leader in metallurgical services

### **Tom Cooney, Chief Operating Officer**

- Mining Engineer (BEng, MMgt, GradCert Project Mgt, MAusIMM) with 37 years across the full cycle of project development from early-stage evaluations to implementation
- Recent experience includes successful delivery of whole of life plans for multi-faceted mining projects and technical leadership across an international mining business, with earlier career roles broad ranging and encompassing open pit and underground operational management, business development and environmental management

#### **Brent Cook, Non-Executive Director**

- Economic Geologist with over 40 years experience in exploration, mining and finance (BSc, Grad. Dip Applied Finance)
- Former Chief Analyst Global Resource Investments, (now Sprott Global)
- Founder, widely respected Exploration Insights investment newsletter

#### Stephen Nano, Advisor, Technical & Corporate Development

- Geologist (BSc (Hons), FAusIMM (CP), MAICD 32 years' international experience in exploration and mine geology
- Founder and Technical Director; Global Ore Discovery: internationally recognised geoscience consultancy
- Founder, Vice President, CEO, Director; Mirasol Resources to January 2019 (TSX.V:MRZ)

## **Mineral Resource Estimates**

	Resource Category									Total			Cut-off
Deposit	Measured			Indicated			Inferred						
	000' t	Au g/t	Au oz	000' t	Au g/t	Au oz	000' t	Au g/t	Au oz	000' t	Au g/t	Au oz	
						Koala							
Open Pit				670	2.6	55,100	440	1.9	26,700	1,120	2.3	81,800	0.4
UG Extension				50	3.2	5,300	260	4	34,400	320	3.9	39,700	2.0
Tailings	114	1.7	6,200	9	1.6	400				124	1.6	6,600	1.0
Sub Total	114	1.7	6,200	729	2.6	60,800	700	2.7	61,100	1,563	2.5	128,100	
					1	Eugenia							
Oxide - Open Pit				885	1.1	32,400	597	1.0	19,300	1,482	1.1	51,700	0.4
Sulphide - Open Pit				905	1.2	33,500	1,042	1.2	38,900	1,947	1.2	72,400	0.4
Sub Total				1,790	1.1	65,900	1,639	1.1	58,200	3,430	1.1	124,100	
					(	Glen Eva							
Sub Total - Open Pit				1,070	1.6	55,200	580	1.2	23,100	1,660	1.5	78,300	0.4
						Yandan							
East Hill - Open Pit							20,600	0.8	505,000	20,060	0.8	505,000	0.3
South Hill - Open Pit							900	0.6	16,000	900	0.6	16,000	0.3
Sub Total							21,500	0.8	521,000	21,500	0.8	521,000	
					Т	win Hills							
309 - Open Pit	586	2.7	50,300	5,470	1.4	253,200	4,165	0.9	120,200	10,220	1.3	423,700	0.4
309 - UG				110	4.8	16,800	510	3.7	60,100	620	3.9	76,900	2.0
Lone Sister - UG		_					2,010	4.0	260,100	2,010	4.0	260,100	2.0
Sub Total	586	2.7	50,300	5,580	1.5	270,000	6,685	2.0	440,400	12,850	1.8	760,700	
Drummond Basin Total	700	2.5	56,500	9,169	1.5	451,900	31,104	1.1	1,103,800	41,003	1.2	1,612,200	
						hite Dam							
Hannaford Onon Bit	1			700	W	16 400	1 000	0.0	26 000	1 700	0.0	42 200	0.2

White Dam											
Hannaford - Open Pit	700	0.7	16,400	1,000	0.8	26,900	1,700	0.8	43,300	0.2	
Vertigo - Open Pit	300	1.0	9,400	1,400	0.6	29,000	1,700	0.7	38,400	0.2	
White Dam North - Open Pit	200	0.5	2,800	1,000	0.6	17,600	1,200	0.5	20,400	0.2	
Sub Total	1,200	0.7	28,600	3,400	0.7	73,500	4,600	0.7	101,900		

cut-off grade is 0.20 g/t Au for all, Vertigo is restricted to above 150RL (~70m below surface)

Malmsbury										
		820	4.0	104,000	820	4.0	104,000	2.5		
		410	4.0	52,000	410	4.0	52,000	2.5		
		Malmsbury	820	820 4.0	820 4.0 104,000	820 4.0 104,000 820	820 4.0 104,000 820 4.0	820 4.0 104,000 820 4.0 104,000		

GBM Total 1,766,100

The announcements containing the Table 1 Checklists of Assessment and Reporting Criteria relating to the 2012 JORC compliant Resources are:

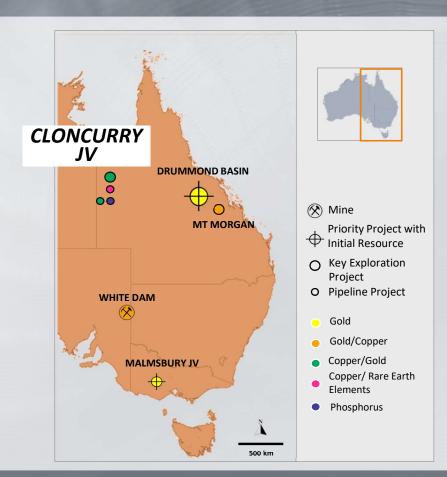
- Koala/Glen Eva and Eugenia GBM ASX Announcements, 4 December 2017, Mt
   Coolon Gold Project Scoping Study
- Yandan GBM ASX Announcement, 23 December 2020, Mt Coolon and Yandan
   Combined Resources Total 852,000 oz, following completion of Yandan acquisition
- Twin Hills GBM ASX Announcement, 18 January 2019, Mount Coolon and Twin Hills Combined Resource Base Approaches 1 Million Ounces and 2 February 2022, Significant Resource Upgrade at Twin Hills Project
- White Dam GBM ASX Announcement, 18 August 2020, White Dam Maiden JORC 2012 Resource of 102 koz
- Malmsbury GBM ASX Announcement, 4 July 2019, Malmsbury Resource Upgraded to JORC 2012

The preceding statements of Mineral Resources conforms to the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2012 Edition"

- a) All tonnages are dry metric tonnes
- b) Data is rounded to ('000 tonnes, 0.0 g/t and '000 ounces). Discrepancies in totals may occur due to rounding
- c) Resources have been reported as both open pit and underground with varying cut-off based off several factors as discussed in the corresponding Table 1 which can be found with the original ASX announcement for each Resources.

# Other Assets – Cloncurry JV





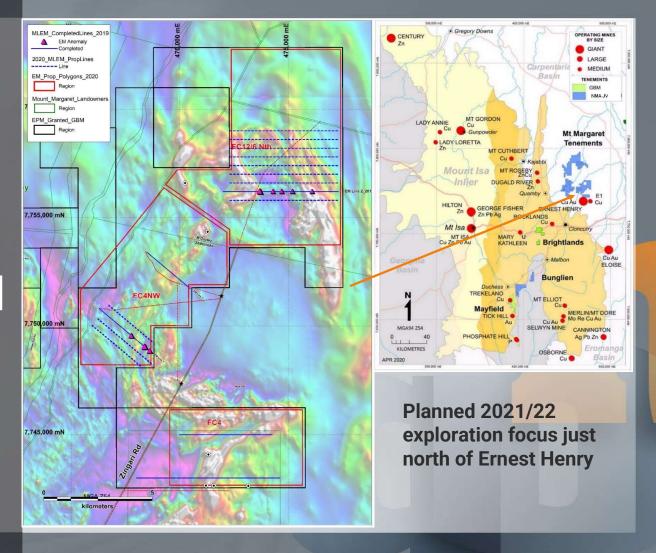
- High potential copper-gold ground in NW Qld mineral province
- JV partner Nippon Mining funding exploration
   ~\$0.9 M in 2022.

## **Cloncurry JV (46%, with Nippon Mining 54%)**

- GBM managing exploration targeting ISCG and IOCG copper and gold
- Alongside Glencore's Ernest Henry copper-gold mine
- Exploration Plan 2022
  - Moving loop ground EM (MLEM)
  - Drilling 500 m to test best conductors

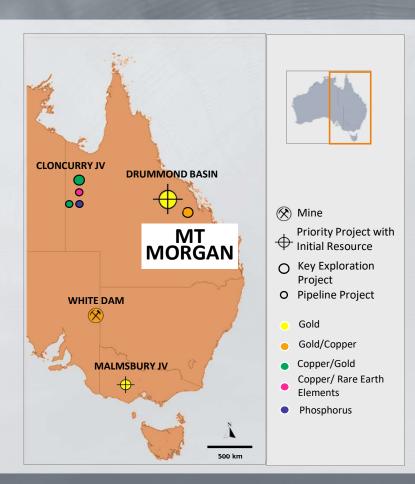


# Cloncurry Copper-Gold JV



# Other Assets – Mt Morgan



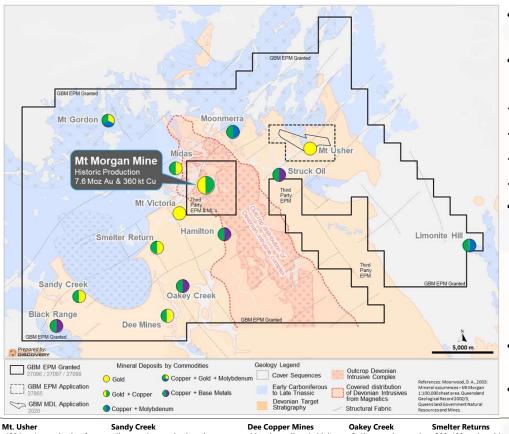


- High potential gold-copper tenements (1,017 km²) surrounding the world class historic Mt
   Morgan mine (7.7 Moz gold and 361 kt copper)
- LOI to vend project out to TSXV listed company – Smartset <sup>1</sup>, definitive agreements progressing along with 43-101.

## Mount Morgan (100%, deal to vend out in process)

- Multiple high-priority GBM targets identified for gold and copper mineralisation
- Exploration activities recommenced
- GBM retains significant exposure (subject to completion)

## Mt Morgan – District Scale Gold Copper Exploration Opportunity



- World class gold and copper district hosting the Mt Morgan Mine, which produced 50 Mt of ore containing 7.6 Moz Au and 360 kt Cu<sup>1</sup>
- Smartset will control 97,500 Ha (975 km2) of claims (EPM, EPMA, MDLA) surrounding the Mt Morgan mining leases.
- → Target 1: Compelling Mt Morgan Au-Cu concept
- → Target 2: Bonanza grade Mt Usher gold vein district +4.5 km long vein corridor
- → Target 3: Cluster of undrilled porphyry Cu Au targets in the Kyle Mohr complex
- → Target 4: Known Cu-Mo projects at Moonmera, Struck Oil and Limonite Hill lithocap
- Decades of previous exploration
  - not specifically focused on Mt Morgan style targets
  - Patchwork of historic datasets to leverage
  - Lacks coherent coverage of high-resolution Magnetics / Radiometric / Electromagnetic
  - Under-explored with respect to modern exploration technology and deposit models
- Smarts fly regional scale Magnetics / Radiometric / Electromagnetic as key targeting tools
- Opportunity to further consolidate the prospective ground and adopt a systematic, district-scale, exploration approach

#### -100 koz Au production from

alluvial and hard rock -Junction of 2 major structural linears -Large mag and high rimmed by historic working

-4km porphyry-style alteration zone -Hydrothermal breccia CuO at surface -Strongly anomalous copper-gold rock chip samples -No drillina

### -historic small-scale high

grade Cu mine -High grade Au-Cu veins -Porphyry-related 'D-veins? Not tested at depth

#### -3x1km porphyry-style alteration

-Strongly anomalous rock chip samples -Not drilled.

-300x400 m skarn identified -Shallow drilling only -Strongly anomalous rock chip samples -Large untested high tenor Au-Cu soil anomalies

#### **Black Range** -2km alteration zone

-Central breccia gossan with Zn-Cu-Pb-Ag

#### Mt. Victoria -Alluvial gold workings

- Anomalous Au in Devonian basement

#### Moonmera

-3x2 km porphyry system -Crackle veins, pebble breccias -Pervasive low-grade Cu-Mo -Discrete high-grade zones -Large-tonnage potential

#### Mt. Gordon

Limonite Hill -Porphyry Cu-Au-Mo -Anomalous copper - moly rock chip samples -Strongly anomalous -Limonite Hill Cu-Mo porphyry rock chip samples -Series of "Mag Lows" within -Shallow drilling only structural corridor. -Veneer of cover sediments