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Whilst Marvel is working hard to give effect to the spin-out of the Chilalo Graphite Project and initial public offering (IPO) of Evolution Energy Minerals Limited (Evolution) as soon as possible, for so long as the spin-out remains subject to regulatory approvals (including the Tanzanian Fair Competition Commission) and the success of the offer of Evolution shares, there can be no assurances that the spin-out and Evolution IPO will successfully complete, nor that the value currently anticipated to be derived by Marvel from the spin-out and Evolution IPO will be obtained.

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#### **Tabakorole Mineral Resources Estimate**

In relation to the Mineral Resource Estimate for Tabakorole that was announced on 5 October 2021, Marvel confirms that it is not aware of any new information or data that materially affects the information included in that announcement and that all material assumptions underpinning the Tabakorole Mineral Resource Estimate in that announcement continue to apply and have not materially changed.

#### **Exploration Results**

Information in this Presentation that relates to exploration results at the Company's gold projects in Mali references the applicable announcement. Marvel confirms that it is not aware of any new information or data that materially affects the information included in those announcements



# **EXCITING FUTURE AS PURE-PLAY GOLD COMPANY**

ASSESSING OPTIONS ON ~\$26M LISTED INVESTMENT



## Large resource

+1Moz and growing



## **Excellent metallurgy**

Average recoveries of 97%<sup>2</sup> indicate simple, processing route



## **Expected low strip ratio**

Mineralisation from surface, consistent thicknesses



# **Extensive landholdings**

Strategic +800km<sup>2</sup> landholding in prospective structural setting



## **Expansive drill program**

3 auger rigs and AC/RC rig targeting new discoveries



# Valuable graphite investment

31% shareholding in Evolution Energy Minerals (ASX: EVI) valued at \$26M



# **CORPORATE OVERVIEW**

## SIGNIFICANT LISTED INVESTMENT, LOW GOLD ENTERPRISE VALUE

## **CAPITAL STRUCTURE**

Ticker Code ASX: MVL

Issued Capital 587M<sup>1</sup>

Options 59M

Share Price \$0.069

Market Capitalisation \$40.4M

Cash and listed investments \$29.5M<sup>2</sup>

Enterprise Value \$10.9M

## MAJOR SHAREHOLDERS

Capital DI Ltd 13.7%

Delphi Group 12.9%

BPM Capital 4.3%

Board & Management 2.6%

#### **Phil Hoskins Managing Director**

Mr. Hoskins is a senior executive with broad finance and commercial experience across resources exploration, project development and production as well as large-scale property developments.

#### **Stephen Dennis Non-Executive Chairman**

Mr. Dennis has been actively involved in the mining industry for over 30 years. He has held senior management positions at MIM Holdings Ltd, Minara Resources Ltd and Brambles Australia Ltd.

#### Chris van Wijk Executive Director & Exploration Manager

Mr. van Wijk is an experienced geologist who specialises in project evaluation and project generation. Chris has undertaken project evaluation for major mining companies including BHP, IAMGOLD, First Quantum Minerals and Fortescue Metals Group.

#### **Andrew Pardey Non-Executive Director**

Mr. Pardey has over 30 years in the mining industry with experience in exploration, project development, construction and operations. Between February 2015 and December 2019, he was Chief Executive Officer of Centamin Plc which holds the Tier 1 Sukari Gold Mine.

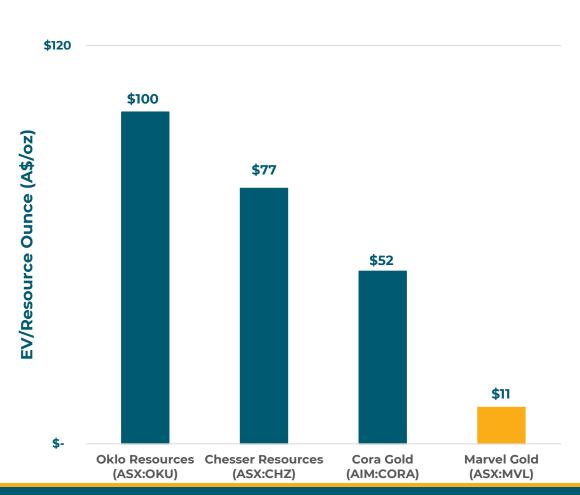


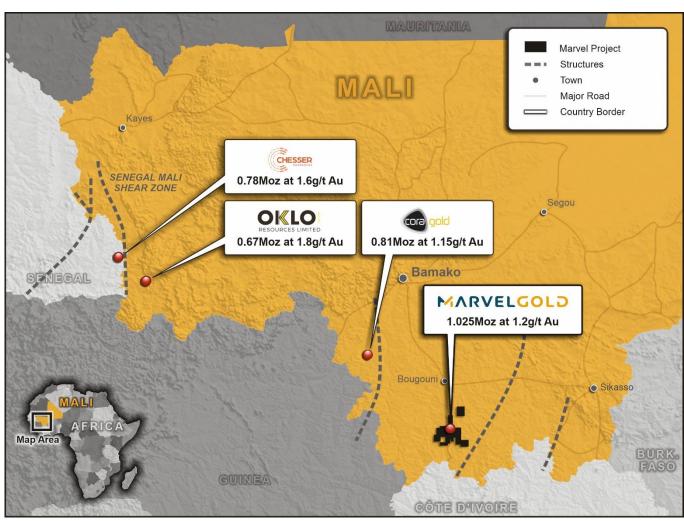


<sup>1.</sup> As per ASX announcement on 27 August 2020, up to 20M shares are expected to be issued to Oklo Resources upon successful renewal of certain tenements. 6M shares have already been issued.

# VALUATION UPSIDE AS RESOURCE CONTINUES TO GROW

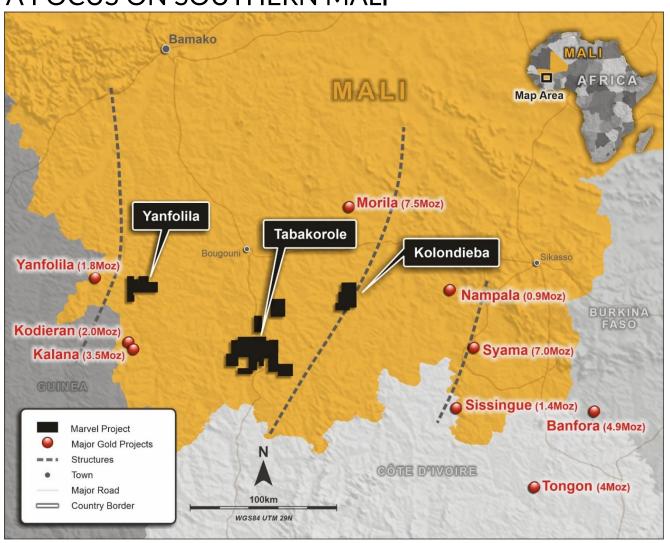
## SIGNIFICANT DISCOUNT TO GOLD PEERS





# PROJECT LOCATION

## A FOCUS ON SOUTHERN MALI

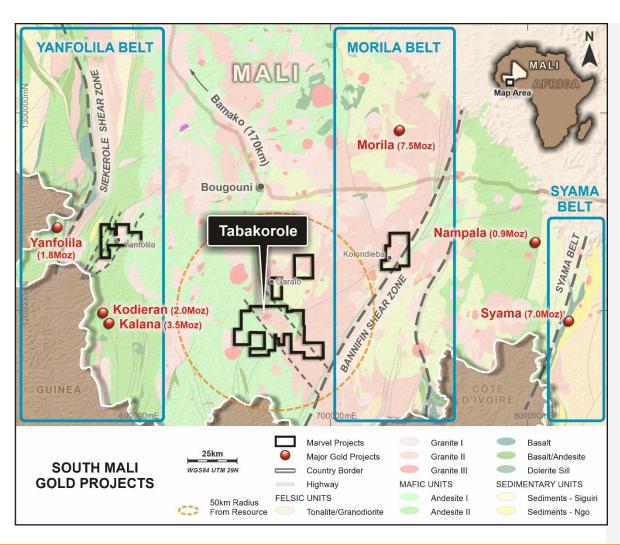


## **EXCELLENT PROJECT ACCESS**

- Projects accessed via 170km sealed road from Bamako to Bougouni
- Each project located ~60km from Bougouni on unsealed roads
- Bougouni is a major regional centre with grid power and airstrip
- All projects have demonstrated prospectivity as shown by historic artisanal workings
- Significant landholding consolidated around Tabakorole 1Moz resource provides excellent platform for regional exploration

## TABAKOROLE LOCATION

## LOCATED NEAR THE BANNIFIN SHEAR ZONE IN SOUTHERN MALI



## TABAKOROLE GEOLOGY

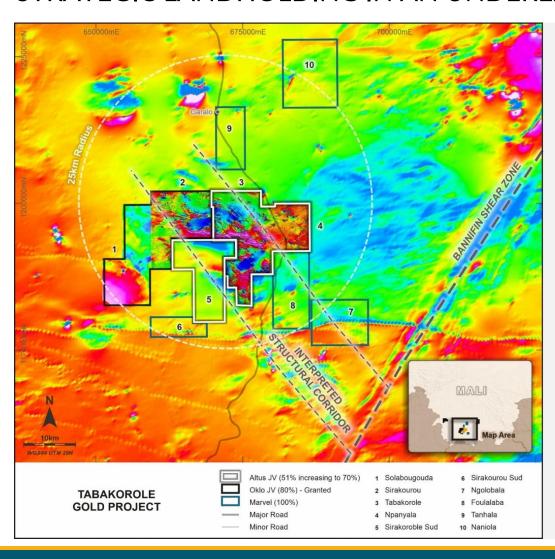
- Large splay off the Bannifin Shear Zone (similar to the 7.5 Moz Morila mine)
- Deposit hosted in volcaniclastic sediments and mafic rocks
- Near-deposit soil geochemistry completed highlights several compelling targets within the Tabakorole structural corridor

## STRATEGIC CONSOLIDATION OF STRUCTURAL CORRIDOR

- MVL has acquired a significant landholding surrounding the 1Moz Tabakorole resource
- No major companies within 50km radius
- Region is underexplored no systematic exploration since the 1990's

# TABAKOROLE EXPLORATION POTENTIAL

## STRATEGIC LANDHOLDING IN AN UNDEREXPLORED STRUCTURAL CORRIDOR



#### **GROWING A STRATEGIC LANDHOLDING**

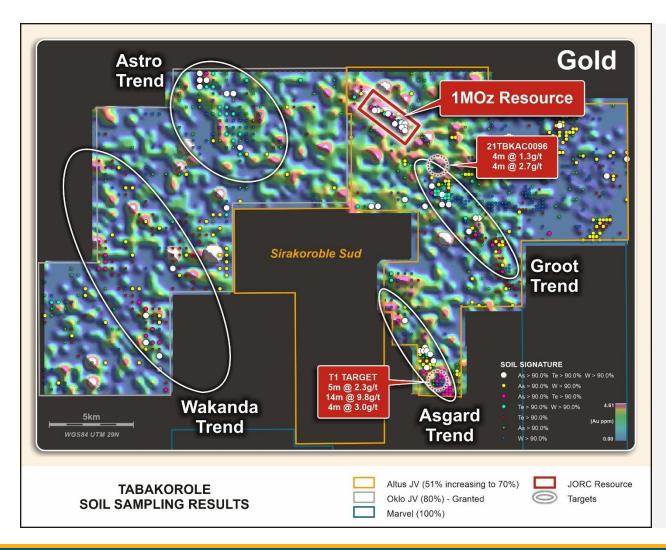
- +800km<sup>2</sup> acquired over 12 months via JVs / purchase
- Discussions continuing with licence holders in prospective, underexplored corridor

#### **REGIONAL EXPLORATION**

- Planned aeromagnetic survey covering licences 1, 5, 6, 7 and 8 to commence in December
- Multi-element soil sample results for licences 5 and 8 are awaiting assay
- Soil sample collection for licences 6, 7, 9 and 10 expected in Q1
- Previously collected datasets highlight several compelling regional targets within the Tabakorole structural corridor
- 15,000m auger and 15,000m aircore drill program has commenced (auger program 50% complete)

## TABAKOROLE EXPLORATION POTENTIAL

## A STRONG PIPELINE OF TARGETS



## **REGIONAL GOLD MINERALISATION PROVIDES PROOF OF ENDOWMENT**

- T1 target includes 14m at 9.8 g/t gold¹
- 2021 AC drilling hit 4m at 2.7 g/t gold<sup>2</sup> (ending in mineralization)
- Gold mineralization north of Astro trend Contango Holdings plc (LON: CGO)

#### SOIL GEOCHEMISTRY

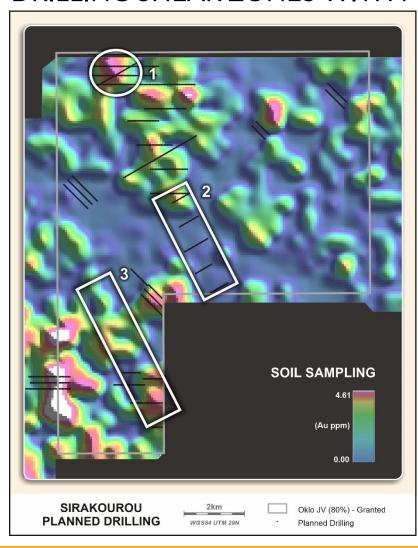
- Multi-element analysis of Tabakorole pulps shows pathfinder anomalism in Arsenic (As), Tungsten (W) and Tellurium (Te)3
- Multiple near-deposit targets within the Tabakorole structural corridor exhibit the same signature



<sup>2.</sup> ASX announcement 8 July 2021

# **ASTRO TREND**

## DRILLING SHEAR ZONES WITH MULTI-ELEMENT SUPPORT<sup>1</sup>



#### **TARGET 1**

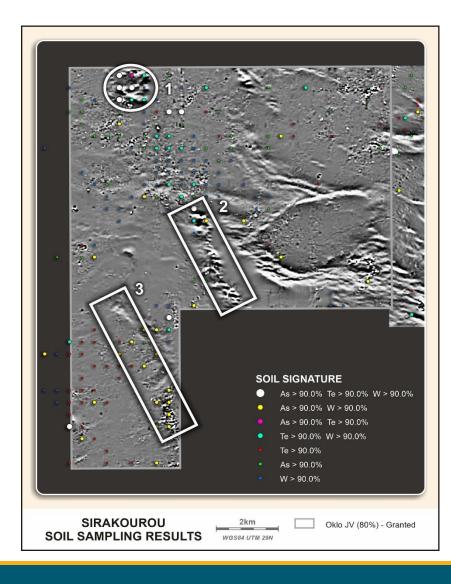
- Discrete magnetic anomaly with multi-element support (800m x 800m)
- Approximately 500m south of known mineralization at Garalo

#### **TARGET 2**

- Large shear zone indicated by magnetics with multi-element anomalism at northern end
- Soils ineffective in south due to alluvial cover - Aircore planned

#### **TARGET 3**

- Secondary shear zone with Arsenic and Tungsten anomalism
- Typical signature of Birimian shear systems



# 2021 TABAKOROLE RESOURCE

## PARALLEL LODES ENHANCE OPEN-PIT MINING POTENTIAL

#### SUBSTANTIAL BASELOAD

1.025Moz and growing

#### **SHALLOW**

70% (715koz) within 150m of surface

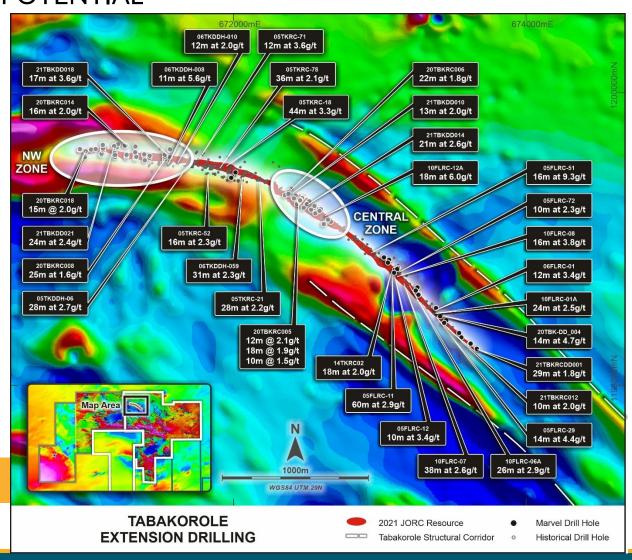
#### LOW STRIP RATIO EXPECTED

- Mineralisation from surface, consistent thicknesses
- New shallow, higher-grade parallel zones discovered

#### **GROWTH OPPORTUNITIES**

- New parallel zones remain open RC drilling program planned
- Targeting new near-deposit discoveries in 2021-22
- Numerous drill targets across extensive landholding

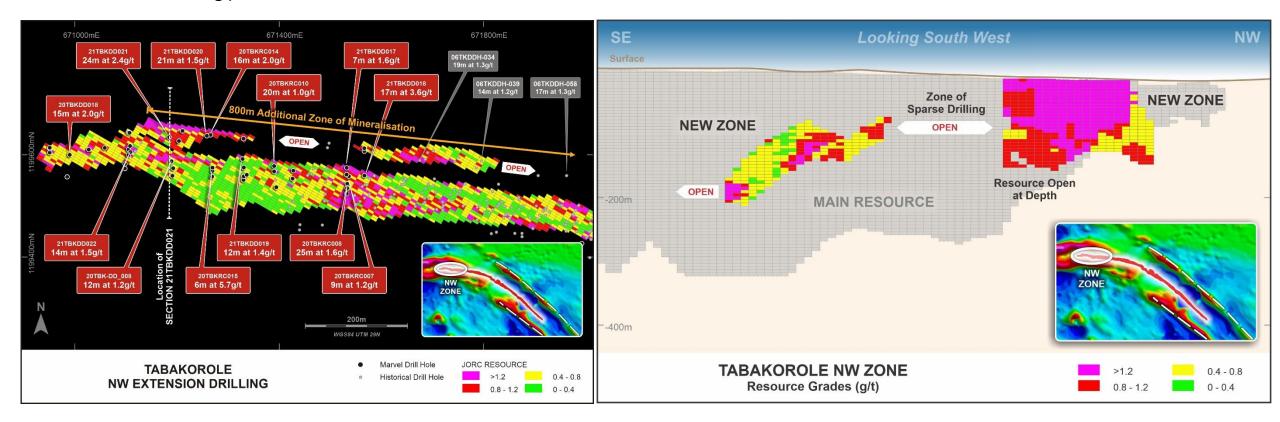
SUBSTANTIAL AUGER/AC DRILL PROGRAM COMMENCED



# **TABAKOROLE NORTH-WEST**

## PARALLEL ZONE REMAINS OPEN

- Newly discovered zone potentially up to 800m long
- Infill RC drilling planned in 2022

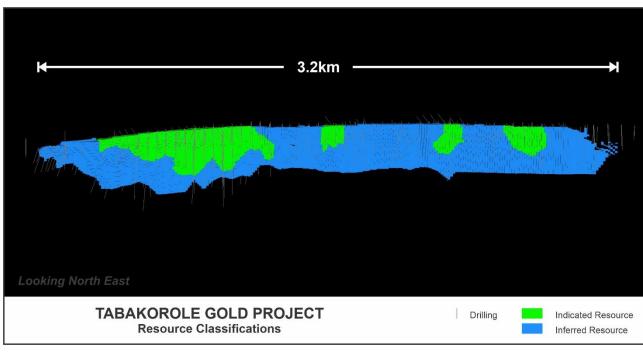




# **TABAKOROLE 2021 JORC RESOURCE**

## +1MOZ FROM SURFACE WITH CONSISTENT STRIKE

Category	Indicated		Inferred			Total			
	Tonnage (Mt)	Au Grade (g/t)	Au Metal (koz)	Tonnage (Mt)	Au Grade (g/t)	Au Metal (koz)	Tonnage (Mt)	Au Grade (g/t)	Au Metal (koz)
Oxide	1.4	1.2	50	1.3	1.3	55	2.7	1.3	110
Fresh	7.8	1.2	310	16.0	1.2	610	23.8	1.2	915
Total	9.2	1.2	360	17.3	1.2	665	26.5	1.2	1,025



#### JORC RESOURCE GRADE-TONNAGE TABLE

lotai					
Tonnage (Mt)	Au Grade (g/t)	Au Metal (koz)			
41.8	0.9	1,245			
36.6	1.0	1,185			
31.4	1.1	1,110			
26.5	1.2	1,025			
22.2	1.3	935			
18.4	1.4	845			
15.1	1.6	755			
12.7	1.7	680			
	41.8 36.6 31.4 <b>26.5</b> 22.2 18.4 15.1	41.8 0.9 36.6 1.0 31.4 1.1  26.5 1.2 22.2 1.3 18.4 1.4 15.1 1.6			

# **EXCELLENT METALLURGY**

## HIGH RECOVERIES FROM FRESH ROCK SAMPLES INDICATE SIMPLE PROCESSING<sup>1</sup>

- Bottle roll testwork on 4 fresh ore composite samples confirm non-refractory metallurgical characteristics
- Average gold recoveries range from an impressive 92.7% at 150 micron to 96.6% for 75 micron grind size
- Low reagent consumption points to low-cost processing
- Future test programs to focus on comminution work and optimization of grind size vs reagent concentration
- De-risked metallurgy provides confidence to aggressively pursue resource expansion

	GRIND		CONSUMPTION			
SAMPLE ID	SIZE (µm)	LEACH RECOVERY (%)	CALCULATED HEAD (g/t)	RESIDUE (g/t)	NaCN (kg/t)	LIME (kg/t)
COMP 1	75	96.05	1.14	0.05	0.24	0.33
COMP 2	75	97.36	1.14	0.03	0.42	0.41
COMP 3	75	96.24	1.20	0.05	0.29	0.54
COMP 4	75	96.66	1.95	0.07	0.28	0.26
AVERAGE	75	96.58	1.36	0.05	0.31	0.39
COMP 1	106	93.97	1.16	0.07	0.31	0.35
COMP 2	106	95.95	1.11	0.05	0.35	0.37
COMP 3	106	94.06	1.18	0.07	0.22	0.47
COMP 4	106	95.29	1.70	0.08	0.31	0.27
AVERAGE	106	94.82	1.29	0.07	0.30	0.37
COMP 1	150	92.47	1.33	0.10	0.29	0.34
COMP 2	150	94.36	1.15	0.07	0.31	0.35
COMP 3	150	91.59	1.19	0.10	0.25	0.48
COMP 4	150	92.28	1.81	0.14	0.31	0.27
AVERAGE	150	92.68	1.37	0.10	0.29	0.36



# **OUR CSR COMMITMENT**

COMMUNITY ENGAGEMENT **AHEAD OF PLANNED 2022 PROJECTS** 

Marvel's priority is to add value to the society and communities in which we operate

Marvel believes that environmental stewardship and social responsibility is integral to the success of its business

We strive to adhere to the best industry standards and governance in order to create additional value for our shareholders and stakeholders

## **2021 MAJOR INITIATIVES**

Two water installations including solar powered pumps, overhead tanks and multiple outlets providing clean water on demand

# **2022 INITIATIVES PLANNED**

Further water & community infrastructure planned, increased local employment opportunities



# WHY INVEST?

## MARVEL REPRESENTS AN OUTSTANDING VALUE INVESTMENT

Exposure to an emerging West African gold story and a world-class graphite investment





# APPENDIX 1: MARVEL'S 31% SHAREHOLDING IN EV1

BACKED BY LEADING ESG FUND, ARCH SRF

## Fully permitted for construction

**Granted Mining Licence and Environmental Approvals** 

## Robust, deliverable DFS

A\$21M spent to date

## Globally significant product quality

Flake size + performance in value-added applications

## Value-added margins through vertical integration

Market IP & customer relationships create significant value-add opportunity

## Multi-decade mine life potential

18-year DFS, majority of strike remains undrilled

	Flake Size Price F	Evolution Product Flake Size			
10% +32	21% +50 mesh	27% +80 mesh	6% +100	36% -100 mesh	
31% +50 mesh  1. Graphex ASX Announcement – 29 January 2020 "DFS confirms Chilalo as high-margin graphite projec					





# **APPENDIX 2 - MARVEL JOINT VENTURES**

# **SUMMARY OF TERMS**

JV Counterparty	Altus St	Oklo Resources		
Projects	Tabakorole (100km²), Npanyala, Sirakoroble Sud Lakanfla		Tabakorole (200km²), Yanfolila and Kolondieba	
Stage 1	Drill 1,500m and publish JORC resource for 33% (completed)	Drill 3,500m for 33% (completed)		
Stage 2	Drill 2,500m + US\$300k other expenditure for 51% (completed)	Drill 9,000m for 51%	Marvel hold an 80% JV interest and Oklo retain a 20% JV interest free carried to a Decision to Mine	
Stage 3	US\$3M expenditure for 70% (to be completed in Q4 2021)	US\$3M expenditure for 70%		
Stage 4	Sole fund DFS for 80%	Sole fund DFS for 80%		
Contribute or dilute	Construction phase Construction phase		Construction phase	
Other obligations outstanding	Stage payments for pro	<ul> <li>A\$150k cash payment to be made upon completion of restructure (done)</li> <li>20M Marvel shares remain to be issued when licence renewals are granted (8M issued)</li> </ul>		
Deferred consideration	N	il	2 x 10M Marvel shares for various JORC resource hurdles are achieved	
Royalty	Altus retain a 2.5% NSR, 1.5%	of which can be repurchased	2% third-party (non-Oklo) royalty on Yanfolila and Kolondieba	
Date announced	17 June	27 August 2020		



# **APPENDIX 3**

## DETAILED GOLD PEER COMPARISON ANALYSIS AND REFERENCES

Company Name	Marvel Gold <sup>1</sup>	Oklo Resources	Cora Gold	Chesser Resources
Ticker	MVL	OKU	CORA	CHZ
Market cap (A\$M) 24/11/2021	40	76	50	68
Cash	4	8	8	7
Listed investments	26	1	-	-
Enterprise value (A\$M)	11	67	42	61
Resource (M Oz Au)	1.0	0.67	0.81	0.78
EV / Resource Oz (A\$)	11	100	52	77
% of Resource M&I	35%	79%	67%	69%
Resource grade (g/t Au)	1.20	1.80	1.15	1.60
Jurisdiction	Mali	Mali	Mali	Senegal
Source	Internal	30 March 2021 announcement	16 November 2021 announcement	16 November 2021 announcement

<sup>1.</sup> Marvel resource shown on 100% basis. Ownership expected to be 70% in Q4 however JV agreement provides for pathway to 100%. Marvel expects to receive a further \$1M cash as part of its consideration in the graphite spin-off, contingent on the return of a prospecting licence. Source (unless otherwise stated): various announcements.

