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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 30 September 2020, 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**

The 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.



## VALUE CREATED FROM DIVERSE ASSET BASE

GRAPHITE SPIN-OFF TO LEAVE MARVEL AS DEDICATED GOLD EXPLORER

## **EMERGING GOLD PROJECT AT TABAKOROLE, MALI**



#### **JORC** RESOURCE

- 910koz<sup>1</sup> @ 1.2g/t



#### **EXPLORATION POTENTIAL**

- 830km<sup>2</sup> landholding
- Impressive regional datasets collected



#### **ATTRACTIVE DEVELOPMENT ATTRIBUTES**

- Excellent metallurgy
- Shallow, thick deposit

#### **RESOURCE UPGRADE SEPT 21**

Incorporating ~ 9,000m drilling

#### **AGGRESSIVE EXPLORATION**

Targeting new discoveries from Q4

#### CONTINUED **DE-RISKING**

Further study work

## CHILALO GRAPHITE PROJECT, **TANZANIA**

100% owned, world-class, construction-ready

## EVOLUTION **ENERGY MINERALS**

Evolution Energy Minerals IPO well advanced

Marvel expect to receive \$2M cash and \$10M in shares<sup>2</sup>



## **CORPORATE OVERVIEW**

## HIGH-CALIBRE, EXPLORATION-FOCUSED BOARD

#### CAPITAL STRUCTURE

Ticker Code	ASX: MV
Issued Capital	578M <sup>1</sup>
Options	45M
Share Price	\$0.057
Market Capitalisation	\$33.0M
Cash	\$5.7M <sup>2</sup>
Enterprise Value	\$27.3M

#### **MAJOR SHAREHOLDERS**

MARVELGOLD

Capital DI Ltd	13.8%
Delphi Group	12.3%
BPM Capital	4.3%
Phoenix Gold Fund	2.8%
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**

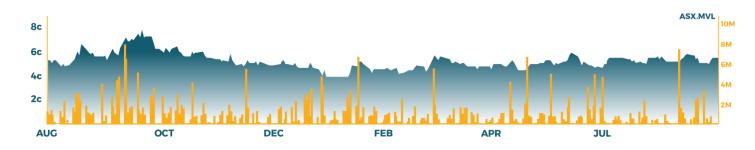
Mr. Dennis has been actively involved in the mining industry for over 30 years. He has held senior management positions at MIM Holdings Ltd, Minara Resources Ltd and Brambles Australia Ltd.

#### 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.

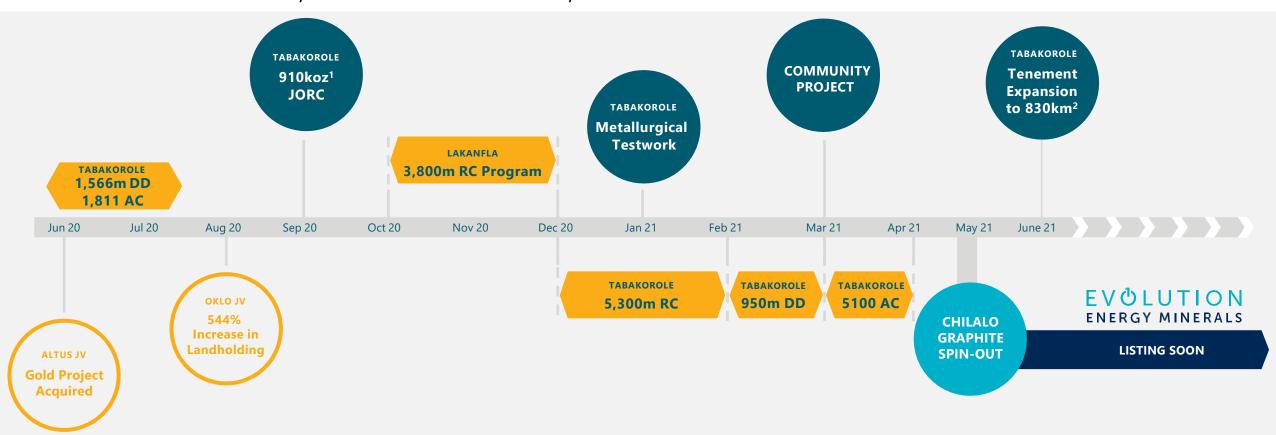


As per ASX announcement on 27 August 2020, up to 20M shares are expected to be issued to Oklo Resources upon successful renewal of



## **A BUSY 12 MONTHS**

RESOURCE GROWTH, TARGET GENERATION, GRAPHITE SPIN-OUT



11,600 soil samples with multi-element assays collected

5,870 line km of ground magnetics at Tabakorole (292km²)

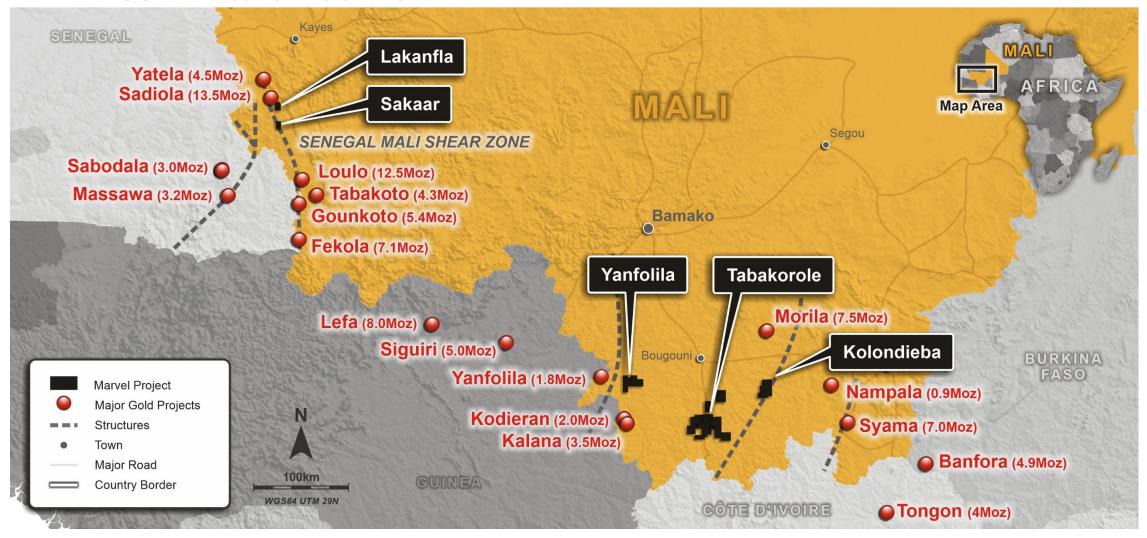
Field crew >20 for entire season

#### TABAKOROLE NEWSFLOW

- JORC Resource (Sept)
- Continued consolidation

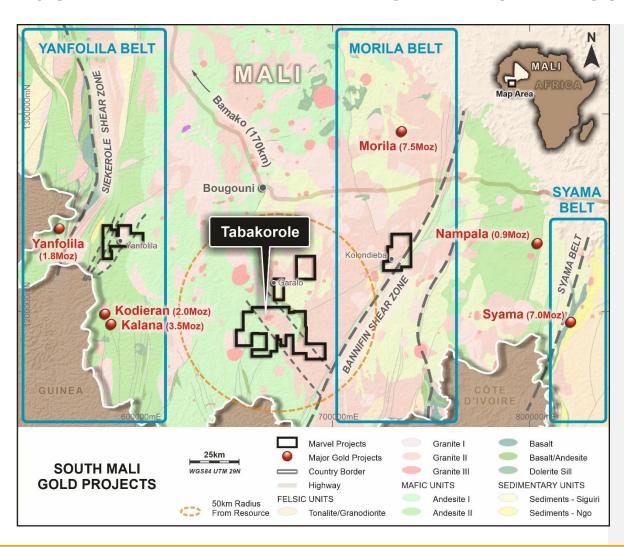
## WORLD-CLASS ADDRESS FOR SIGNIFICANT GOLD DISCOVERIES

## MARVEL GOLD PROJECT LOCATION



## 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
- Regional soil geochemistry completed highlights several compelling regional targets within the Tabakorole structural corridor

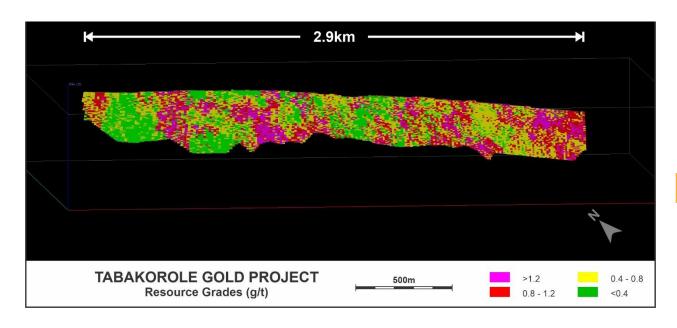
# STRATEGIC CONSOLIDATION OF STRUCTURAL CORRIDOR

- No major companies within 50km radius
- MVL has grown landholding by 730% since initial acquisition
- Region is underexplored **no systematic exploration since the 1990's**

## TABAKOROLE JORC RESOURCE

LARGE, GROWING RESOURCE (910K OZ)<sup>1</sup>

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	1.0	1.3	40	1.5	1.3	60	2.4	1.3	100
Fresh	6.3	1.2	250	15.1	1.2	560	21.5	1.2	810
Total	7.3	1.2	290	16.6	1.2	620	23.9	1.2	910



#### **JORC RESOURCE GRADE-TONNAGE TABLE**

Cutoff	Total				
Cutoff	Tonnage (Mt)	Au Grade (g/t)	Au Metal (koz)		
0.3	38.2	0.9	1,120		
0.4	33.2	1.0	1,060		
0.5	28.3	1.1	990		
0.6	23.9	1.2	910		
0.7	19.8	1.3	830		
0.8	16.3	1.4	740		
0.9	13.2	1.5	660		
1.0	10.9	1.7	590		

## **EXCELLENT METALLURGY**

#### HIGH RECOVERIES FROM FRESH ROCK SAMPLES INDICATE SIMPLE PROCESSING

- 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

SAMPLE ID	GRIND SIZE (µm)		CONSUMPTION			
		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

## TABAKOROLE RESOURCE EXPANSION

2021 RESULTS: INCREASED STRIKE AND NEW ZONES

#### **CENTRAL ZONE**

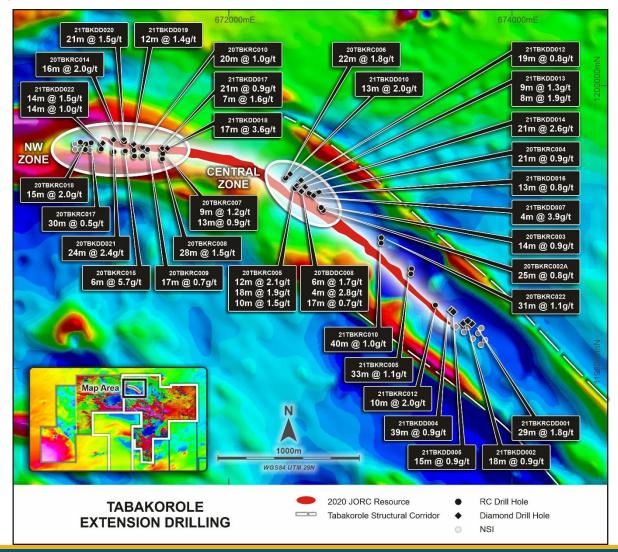
 21m at 2.6g/t, 22m at 1.8g/t and 18m at 1.9g/t outside of modelled JORC Resource

#### **NORTH-WEST ZONE**

- Successfully extended NW strike 150m achieved higher grades than JORC Resource (6m at 5.8g/t and 17m at 3.6 g/t)
- Potential for an additional lode with 700m of strike identified with
   24m at 2.4g/t, 16m at 2.0g/t and 21m at 1.5g/t

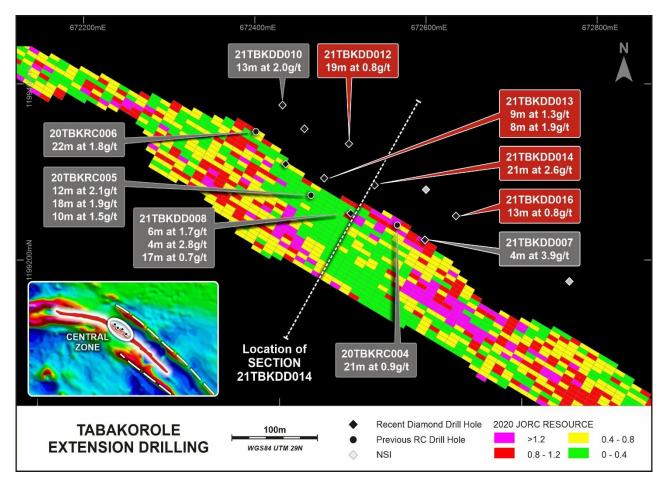
#### **SOUTH-EAST ZONE**

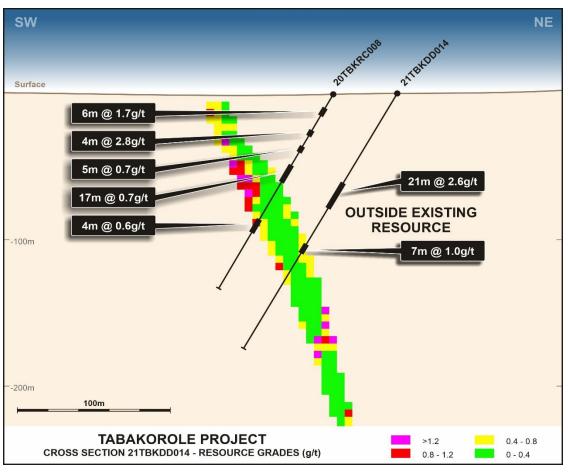
- Consistently thick intersections expected to improve Resource
- Successfully extended SE strike 150m highlighted by 29m at 1.8g/t



## **TABAKOROLE CENTRAL**

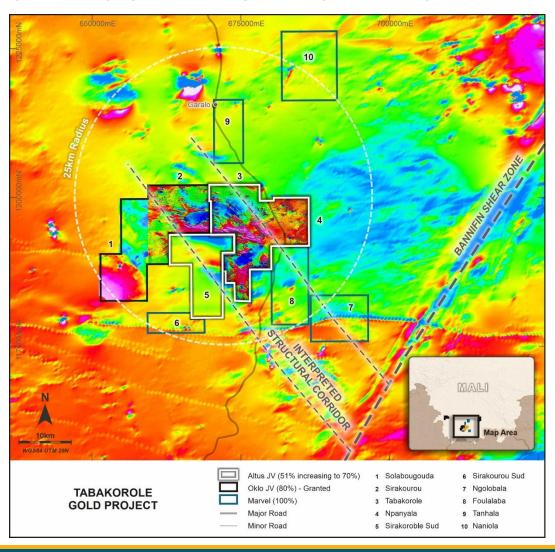
## NEW SHALLOW, HIGH-GRADE ZONE





## TABAKOROLE EXPLORATION POTENTIAL

## STRATEGIC LANDHOLDING IN AN UNDEREXPLORED STRUCTURAL CORRIDOR



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

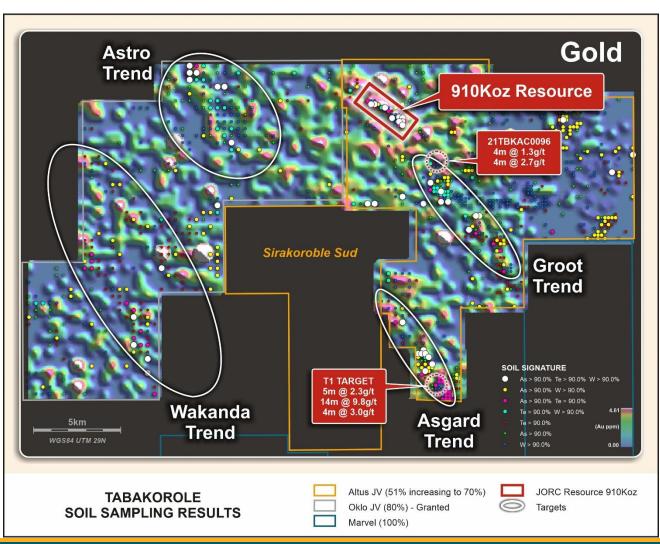
- 830km<sup>2</sup> acquired over 12 months via JVs and wholly owned permits
- Discussions continuing with licence holders in prospective, underexplored corridor

#### **REGIONAL EXPLORATION**

- **5,460 line km** of ground magnetics collected over 292km<sup>2</sup> (licences 2, 3 and 4 in map)
- **4,270 soil samples** collected providing coverage over 392km<sup>2</sup> (licences 1-4 in map with 6 and 9 also currently being collected)
- Datasets highlight several compelling regional targets within the Tabakorole structural corridor
- Drill ready targets by Q4

## TABAKOROLE EXPLORATION POTENTIAL

#### A STRONG PIPELINE OF TARGETS TO UNDERPIN REGIONAL EXPLORATION PROGRAMS



## REGIONAL GOLD MINERALISATION PROVIDES PROOF OF ENDOWMENT

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

#### **SOIL GEOCHEMISTRY**

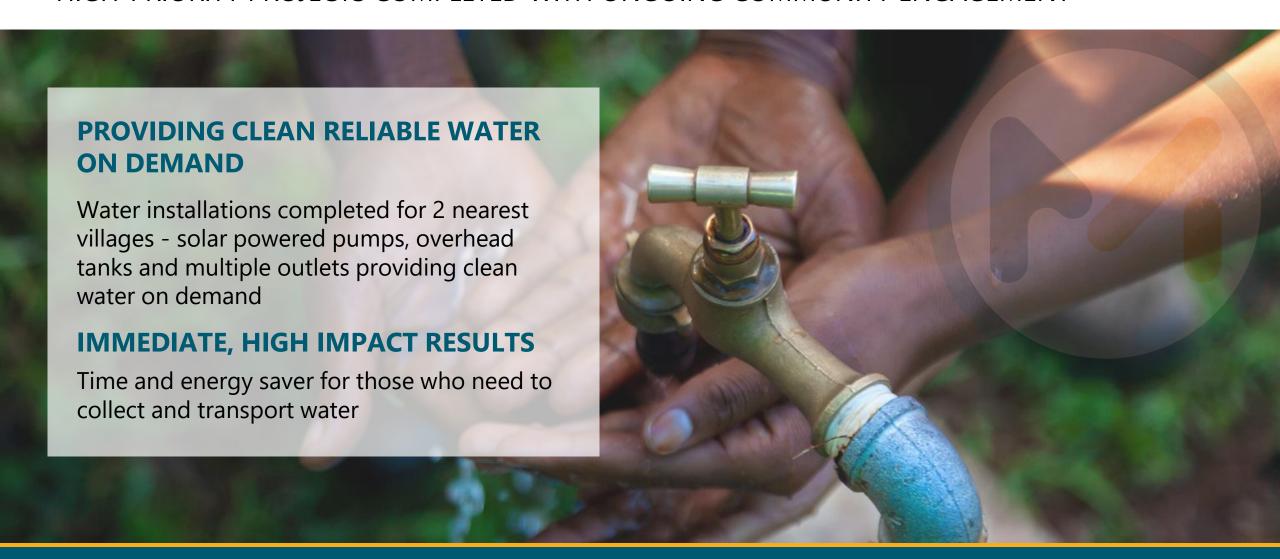
- 4 acid digest and ICP-MS analysis used
- Multi-element analysis of Tabakorole pulps shows pathfinder anomalism in Arsenic (As), Tungsten (W) and Tellurium (Te)
- Multiple regional targets within the Tabakorole structural corridor show the same signature

- 1. ASX announcement 17 June 2020
- 2. ASX announcement 8 July 2021
- 3. ASX announcement 29 June 2021



## **OUR CSR COMMITMENT**

HIGH-PRIORITY PROJECTS COMPLETED WITH ONGOING COMMUNITY ENGAGEMENT



## CHILALO PROJECT

#### SPIN-OFF OF 100% OWNED ADVANCED GRAPHITE PROJECT

#### **FULLY PERMITTED FOR CONSTRUCTION**

Granted Mining Licence and Environmental Approvals

## ROBUST, DELIVERABLE DFS<sup>1</sup>

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 Premium 10% 21% 27% 6% 36% +32 +50 mesh +80 mesh +100 -100 mesh



## **GRAPHITE SPIN-OFF**

INDICATIVE CAPITAL STRUCTURE

#### **CAPITAL STRUCTURE RAISING AMOUNT** \$22M \$32.0 Market Cap (M) **LISTING SOON** Cash<sup>1</sup> (M) \$11.0 EVOLUTION \$21.0 **ENERGY MINERALS** EV (M) Marvel expects to UNDILUTED **Lodgment of Prospectus** receive \$2M in cash contingent upon final Marvel 31% and \$10M in EV1 Tanzanian consents Other IPO Investors shares<sup>2</sup> 69% Total 100%



## **WHY INVEST?**

**NEAR-TERM CATALYSTS** 

