# Shanta Gold Indaba Mining Conference







#### **EXPERIENCED MANAGEMENT TEAM - Feb 2023**

Highly experienced management team with deep gold mining experience in Africa



**Eric Zurrin** CEO





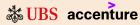




- 20 years' global experience in commodities, including 10 years in East Africa
- 6 years as CEO of Shanta Gold delivering a +/-275% share price return since Aug'17
- Formerly CFO Shanta Gold
- Experience: UBS Investment Bank, BMO
- Harvard Business School

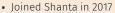


Luke Leslie CFO









- 20 years' global experience in commodities including 10 vears in East Africa
- Experience: **UBS Investment** Bank. Accenture
- Harvard Business School



**Honest Mrema** 000





- Joined Shanta in 2015
- BSc Mining Engineering
- 25 years' experience in open pit and underground mining
- Includes 16 years in Tanzania, 7 years in Mali and 2 years in Lans
- Experience: Endeavour Mining, Resolute, Barrick, **Anglo American**



Yuri Dobrotin Group Head of Exploration



### PLACER DOME INC.

- Joined Shanta in 2015 (formerly Acacia)
- 37 years' global experience in exploration from countrysize generative to mine site and resources
- 17 vears in Africa
- Greenstone gold exploration geologist expert
- Experience: Barrick, Placer Dome







#### **KEY ACHIEVEMENTS LAST FIVE YEARS**

### Track record of achievements delivered by the current management team

- 1 Operational turnaround
- Disciplined cost control enabling total +\$70m gross debt repayments
- Mine life extended from 2022 to currently 2028
- Right-sizing New Luika Gold Mine: 25% reduction in headcount and US\$10m pa cost savings

2 Financial returns

- 275% increase in share price
- Net cash realized in 2020, first time in Shanta's producing history
- Commenced dividend payments in 2021, current yield of 1.8%

3 Corporate

- Acquired the West Kenya Project from Barrick in 2020
- Upgraded resource to 1.7 Moz including 722koz Indicated grading 11.45 g/t
- Scoping study illustrates 105koz p.a. 9-year mine plan with US\$340 m NPV
- Successfully defended a public takeover approach

4 Growth

- Designed, funded and constructed the Singida Gold Mine in Tanzania,
   Shanta's 2<sup>nd</sup> producing mine, diversifying the production base
- Tripled total resources from 1.2 Moz to 3.7 Moz

5 Commitment to purpose-led ESG

- +20 year successful track record in Tanzania
- Established social license to operate
- Regarded as the "Showcase for Mining" by the Government of Tanzania
- Negotiated the repayment of VAT refunds after 3 years of delays



# **SHANTA GOLD OVERVIEW - HIGHLIGHTS**

# High quality East African gold portfolio with scope to materially increase Group-wide NPV

Highly compelling growth prospects	<ul> <li>Portfolio of brownfield and greenfield growth options driving production to 100kozpa in 2023 and potential further production increase</li> <li>New Luika: Future resource to reserve conversion and consolidation of Lupa Gold Field. Potential addition of a 4<sup>th</sup> ball mill</li> <li>Singida: Near-term, low capital intensity project resulting in 30-40kozpa production from 2023. 1<sup>st</sup> gold pour in March 2023</li> <li>West Kenya: Scoping study highlighting +105kozpa production with NPV of US\$340 m NPV¹ (announced 2020) calculated using a gold price of US\$1,700/oz and 8% discount rate</li> </ul>
High quality portfolio of gold assets	<ul> <li>3.7 million total resource including reserves of 646 Koz at 3.03 g/t across a regional portfolio</li> <li>Three assets across neighbouring East coast countries</li> <li>NLGM: Established Open Pit/Underground gold operation in SW Tanzania</li> <li>Singida: Low capex, high returning (IRR &gt;50%) asset with excellent resource upside potential</li> <li>West Kenya: Advancing one of Africa's highest-grade +1m oz gold deposits to a Feasibility Study</li> </ul>
Significant exploration potential with material resource growth expected	<ul> <li>New Luika has 625 Koz resources outside the mine plan in addition to current reserves (3.6 Mt at 2.84 g/t), while underground deposits remain open at depth with inferred resources a top target for conversion</li> <li>Over 90% of Singida's Reserves of 243 Koz at 3.00 g/t are within 150 metres of surface with potential for significant reserve expansion at depth</li> <li>Material exploration upside from West Kenya, a district scale exploration play with parallels to some of the world's great greenstone belts (Lake Victoria gold fields, home to Global Tier 1 assets North Mara, Bulyanhulu and Geita Gold Mine)</li> </ul>
Improving political environment in Tanzania	<ul> <li>Tanzanian political environment has improved materially over the past 24 months with the mining sector open for business</li> <li>Several SML's granted or frameworks agreed with the Tanzanian government (Orecorp, Kabanga Nickel, Peak Rare Earths, Strandline, Black Rock Mining)</li> <li>BHP invested US\$100m in Tanzania's Kabanga Nickel in the last 9 months</li> </ul>
Strong safety record and ESG history	<ul> <li>Shanta is among the safest gold mining employers with 9.0 million hours achieved without an LTI (2017-2022) at NLGM</li> <li>Shanta has successfully operated in Tanzania for 20 years</li> <li>99.0% employees recruited locally in country</li> <li>Understood to be home to the largest solar farm in Tanzania</li> </ul>

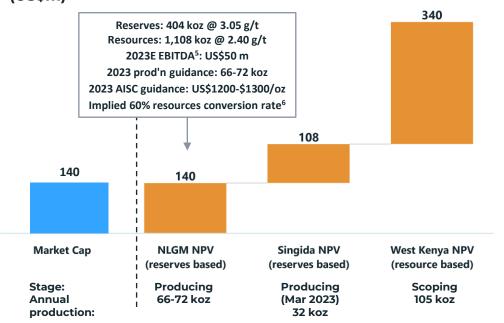
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#### SHANTA VALUE PROPOSITION

Implied price/NPV implies significant discount

# Market capitalisation and group NPV by asset (US\$m)<sup>1,2,3,4,5,6</sup>



645 Koz @ 2.91 g/t

Total group-wide reserves

3,673 Koz @ 3.28 g/t

Total group-wide resources



Market Cap calculated using 11p share price

NLGM NPV bar sizing for illustrative purposes only

Singida Project economics prepared internally as announced 07 October 2020, using a LOM gold price of US\$1,700/oz, 8% discount rate. NPV accounts for construction capex of US\$5 million already spent

West Kenya Project economics prepared by independent consultant Bara Consulting Pty using a LOM gold price of US\$1,700/oz, 8% discount rate

<sup>2023</sup> figures based on research estimates

Using January 2014 resource estimate at New Luika Gold Mine of 794 koz



#### SHANTA GOLD OVERVIEW

A high-quality East African gold production profile with attractive valuation

prospects

Current Capitalisation Summary		
Share Price (GBP)	11.0 p	
Market Capitalisation <sup>1</sup>	US\$140 m	
Net Debt	US\$14 m	
Enterprise Value	US\$154 m	
EV / EBITDA (2023E – research)	3.0	
Dividend yield	1.8%	

Balance Sheet	US\$m
Debt	
Sandvik SRP AB <sup>1</sup>	1.1
Standard Bank – Senior	20.0
Standard Bank – \$10m working capital	3.0
Gross Debt	24.1
Cash & gold dore (at 31-Dec-2022)	10.5
Net Debt	13.6

Basic and full	y diluted shares outstanding of 1,051,467,684. No options and no warrants



Top Shareholders (>3%)		
Odey	11.8%	
Sustainable Capital	8.3%	
Directors	6.5%	
River & Mercantile	5.9%	
Canaccord	5.2%	
AMG	4.5%	
Sub-total	42.2%	





# SHANTA GOLD OVERVIEW – CSR IS CORE TO MAINTAINING OUR LICENSE TO OPERATE IN TANZANIA

Shanta has successfully operated in Tanzania for >20 years and has a strong ESG history

Local expertise



99.0% employees recruited locally in country

New Luika staff recruited from nearby villages

- ✓ 100% of GM's are Tanzanian
- √ 100% of HOD's are Tanzanian

9

2022 - 1<sup>st</sup> Place - ESG Compliance awards <sup>1</sup> Working together



\$202m

Paid to Government of Tanzania



Zero MDA<sup>2</sup> participation by Shanta in its history

Strong and open relationships with Senior Government Ministers Positive local impact

497

Tanzanian businesses supported<sup>3</sup>

83%<sup>M</sup>

Recurring in-country procurement<sup>3</sup>

\$248m

Paid to Tanzanian suppliers in 4 years<sup>3</sup>

Environmental responsibility

Significant environmental incidents

- Home to the largest solar farm in Tanzania
- Renewables key to power and carbon strategy
- Carbon offsetting in local Patamela forest reserve

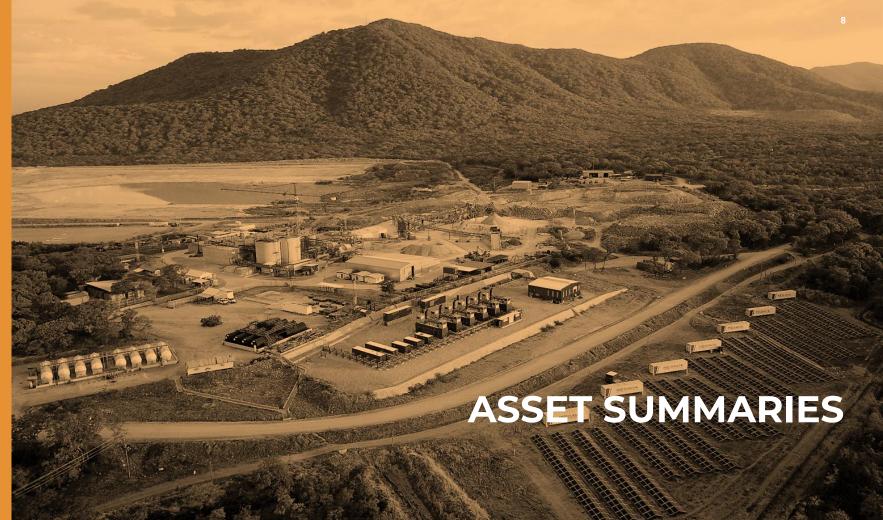
% power drawn from grid

2019 - 0% to 2022 - 20%

- February 2022 Awarded first place for Environmental & Safety Compliance, CSR Projects and local content performance
   MDA = Mine Development Agreement
- Measured based on total spend over the period 2017-2021.







# **ASSET #1: NEW LUIKA GOLD MINE (NLGM)**

In production since 2013, LOM extended to 2028



#### **NLGM OVERVIEW**

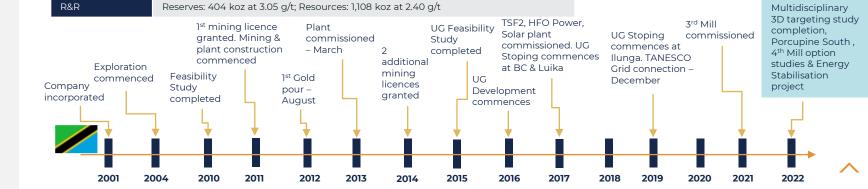
2022A

US\$1.014/oz

# An established cash generative operation with substantial mine life extension potential

NEW LUIKA GOLD MINE – QUICK FACTS		
Location	Songwe District, Tanzania, +/- 700km south-west of Dar es Salaam	
Mine Life	Through to at Q1 2028 (based on reserves)	
Employees	914 employees & contractors (Dec 2022), (98.7% Tnz, 1.3% Expats)	
Processing Rate	885ktpa CIL Plant	
Mining Type	Open Pit – Contractor Mining / UG – Owner Mining	
Au Production	2019A 85koz 2020A 83koz 2021A 55koz 2022A 65koz	
Cash Costs	2019A US\$698/oz 2020A US\$744/oz 2021A US\$1,082/oz	







# NEW LUIKA GOLD MINE: 2023 GUIDANCE OF 66 – 72 KOZ SINGIDA GOLD MINE RUN-RATE OF 32 KOZ PA

#### **Comments on 2023 Guidance**

- Mine plan focused predominantly on Luika underground deposit
- 84% of all underground ounces will be mined from Luika UG which has shown consistently medium grade large stopes and actual mined grades reconciling well with the grade control model
- All open pit material being sourced solely from the existing Elizabeth Hill open pit deposit
- As of January 2023, 73% of planned FY 2023 ounces have grade control information
- AISC of US\$1,200 1,300 /oz

#### **2023 Mining Profile**

- Forecasted tonnes mined split 27% from open pit and 73% from UG
- Open pit mining exclusively at Elizabeth Hill. A 2<sup>nd</sup> open pit fleet was added in December 2022 to de-risk open pit mining activity
  - 84% of underground ounces coming from existing Luika UG mine with remainder from Bauhinia Creek. A 3<sup>rd</sup> underground drill rig (SOLO DL321) was added in December 2022; drilled meters increased by 94% in Dec'22 vs 11 month avg
- Underground mined head grade forecasted average of 3.6 g/t throughout 2023
- Overall 2023 gold production is currently approximately 48% in H1 and 52% in H2, averaging approximately 5700 oz per month

#### **Singida Gold Mine**

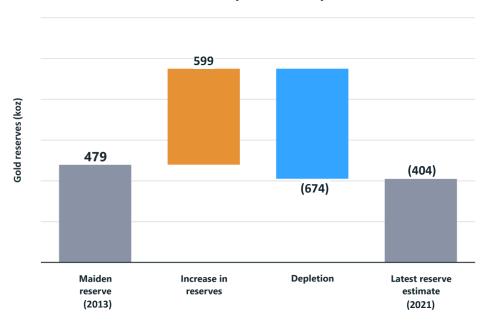
 Singida production guidance to be released following commencement of commercial production. Previous LoM plan guided for approximately 32,000 oz pa



#### **NEW LUIKA GOLD MINE - RESOURCE CONVERSION SUCCESSES**

Implied 60% conversion rate from resources to reserves<sup>1</sup>

#### Movement in NLGM reserves (2013 - 2021)



# Track record of low cost reserve increases

- Since 2013, the group has spent an average of US\$3 m p.a. on exploration on the mining licences, replacing 87% of reserves
- This equates to an average conversion cost of \$49/oz





Using January 2014 resource estimate at New Luika Gold Mine of 794 koz



#### NLGM – TRACK RECORD OF REPLACING MINED RESERVES

A total of 504koz of new reserves have been added to the NLGM mine plan since 2015

#### Annual movement in NLGM reserves (2015 – 2021) (koz)



Reserves and Resources as of 31 December 2021 1,2				
Classification	Ore (kt)	Grade (g/t Au)	Contained (koz Au)	
Proved Reserves	578	4.31	80	
Probable Reserves	3,539	2.84	323	
Total Reserves	4,117	3.05	404	
Measured	662	4.94	105	
Indicated	8,349	2.63	707	
M&I Resources	9,011	2.80	812	
Inferred	5,341	1.73	296	
Total Resources	14,352	2.40	1,108	

#### Track record of low-cost reserve increases

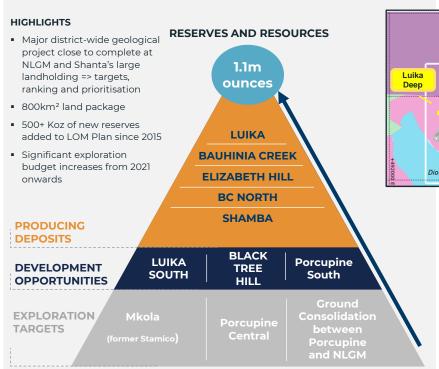
- A total of 504koz of new reserves added to mine plan since 2015
- This equates to an average conversion cost of \$34/oz
- 2021 exploration converted 128 koz of resources to reserves at a conversion cost of \$44/oz
- Porcupine South resources will be added to the new Mine Plan in 2023 as the mining license was approved in 2022

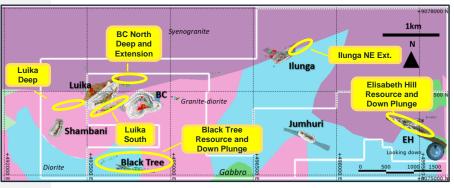
- JORC compliant in Tanzania
- . Total Resources are inclusive of Reserves



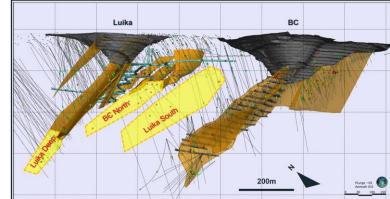
#### **NEW LUIKA GOLD MINE - MINE LIFE EXTENSION POTENTIAL**

Extensive pipeline outside of existing mine plan, with potential to extend life through exploration





Ongoing advanced 3D model incorporated structural, geochemical and previously undeciphered lithological controls; it is used for generation down-dip, down-plunge targets and generate new targets



#### RECOGNISING LOCAL TALENT AT NEW LUIKA AND SINGIDA

Shanta's Tanzanian workforce is one of its greatest strengths









#### **SINGIDA OVERVIEW**

### The Singida Gold Mine adds diversification and increases group production by 45-50%

SINGIDA GOLD MINE – QUICK FACTS		
Location	Tanzania, +/- 620km west-north-west of Dar es Salaam, +/- 130km north-west of Dodoma (capital)	
Mining Licences	SMCL holds 100% of mining licenses ML 456/2012, ML 455/2012, and ML 457/2012.	
Project Phase	In construction with commercial production scheduled for March 2023	
Mine Life	Through to at least 2029 (based on reserves)	
R&R	Reserves: 242 koz at 3.02 g/t; Resources: 904 koz at 2.39 g/t	
Processing Rate	365ktpa CIL Plant	
Au Produced	Average of 32koz per annum over LoM	
Mining Type	Open Pit – Contractor Mining, Total tonnes over LoM is 36.7 Million	
Power	Tanesco – National Grid / Emergency standby power generation - one 1,600 kVA diesel powered generator	







#### SINGIDA GOLD PROJECT – PROJECT HIGHLIGHTS

Near term profitable growth project with attractive returns and significant upside

#### **ROBUST FUNDAMENTALS**

#### COMPELLING ECONOMICS<sup>1</sup>

#### **Gold Reserve (JORC 2012)**

### 242koz @ 3.0g/t

Represents just 26% of total contained Resource. >90% of contained oz are between 0-120 metres from surface

# 7 gold deposits

Landscape

Seven significant gold deposits identified over an extensive combined strike of 5km. Extensive historical studies completed.

#### Significant untapped value

# **US\$108m NPV**

NPV calculated using LOM gold price of US\$1,900/oz and 8% discount rate. Represents significant value pillar for Shanta

#### Initial Life of Mine ("LOM")

### 7 yrs LOM

Several value levers available to extend LOM and Project NPV. Reserve remains shallow and open at depth

#### **Gold Resource (JORC 2012)**

### 483 koz M&I

Gold Resource (JORC 2012) of 11.8Mt @ 2.38 g/t for 904k oz, independently verified

#### Fully permitted project

### 3 Mining Licences (renewed January 2022 for 10 years)

Major permitting received, EIA permit secured. All deposits situated within Shanta's existing mining licenses

#### **Unlevered IRR**

### **72% IRR** (2023 to 2029)

Attractive IRR with a 2-vr project payback period on upfront construction/stripping costs of US\$40m

#### LOM AISC 1

# US\$869 /oz 3

Shanta's experience of tight cost control expected to feed into an efficiently managed and highly cash generative operation

- Based on mine plan announced in October 2020 LoM period being 2023 to 2029
- Excludes sunk construction capital of US\$35 spend
- 2020 estimate subject to revision and guidance in Q2 2023 once mine is in production

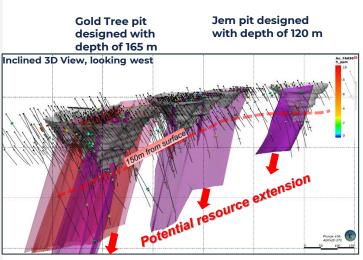




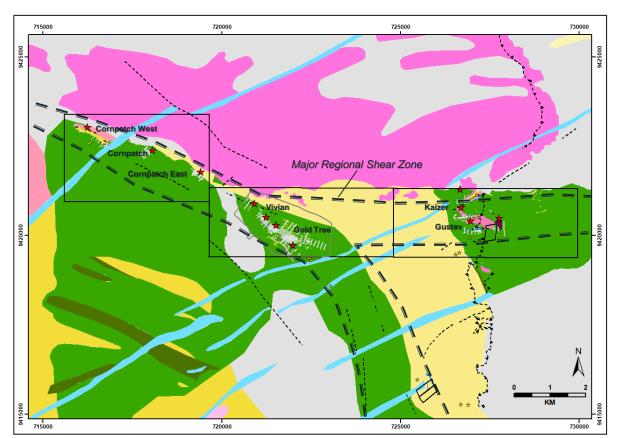
#### SINGIDA GOLD PROJECT - MINE LIFE EXTENSION POTENTIAL

90% of contained ounces within Singida's LOM reserve are less than 150 metres from surface





### SINGIDA OVERVIEW – GEOLOGICAL INTERPRETIVE MAP







### **ASSET #3: WEST KENYA OVERVIEW**

One of the highest grading large scale gold deposits in Africa with already high returns expected to materially increase with ongoing resource expansion

#### **ROBUST FUNDAMENTALS**

#### TRANSFORMATIONAL ECONOMICS<sup>1</sup>

Gold Resource (NI 43-101)

Exceptional grades 2

NCF on existing resource

Initial Life of Mine ("LOM")

1,755,000 oz

NI 43-101 Mineral Resource Estimate spanning three deposits namely Isulu, Bushiangala and Ramula 11.45g/t

Believed to be one of the highest grading +1 Moz gold deposits in Africa >\$500m NCF

Net Cash Flow calculated using LOM gold price of US\$1,800/oz

9 yrs LOM

Several value levers available to extend LOM and Project NPV. Secures Shanta's presence across East Africa in the longterm

**Highly prospective ground** 

**Historical investment** 

**LOM EBITDA** 

**LOM AISC** 

580 km

Within the Lake Victoria gold fields located in NW Tanzania and SW Kenya, home to Global Tier 1 assets including North Mara and Geita Gold Mine \$80m

Investment in exploration activities since 2013

**US\$1bn +** 

Projected return on investment has the potential to be exceptional for shareholders US\$665 /oz

Shanta's experience of tight cost control expected to feed into an efficiently managed and highly cash generative operation

- 1. Economics relates to Isulu/Bushiangala Resource, financial estimates based on 2020 Independent Scoping Study
- 2. Grades Liranda Indicated resources of 722 Koz @ 11.45g/t

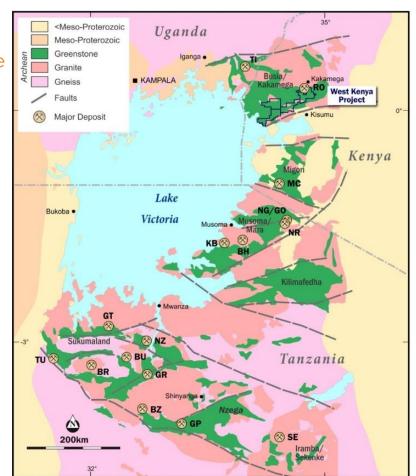


### WEST KENYA PROJECT – LAKE VICTORIA GOLD FIELD

Lake Victoria Gold Field is home to globally significant gold deposits:

- Geita (8 Moz @ 2.8 g/t)
- Bulyanhulu (13 Moz @ 8.3 g/t)
- North Mara (2.4Moz @ 2.0g/t)

- The West Kenya project area covers the majority of the Archaean Busia Kakamega Belt, the northern most greenstone belt in the Lake Victoria gold field
- Lake Victoria is home to Global Tier 1 assets and over 35 million ounces of gold production since 1990
- South West Kenya is underexplored and highly prospective; systematic exploration commenced only in 2010



BR - Buck Reef

BH - Buhemba

BU - Bulyanhulu

BZ - Buzwagi

GT - Geita

GO - Gokona

GP - Golden Pride

GR - Golden Ridge

KB - Kiabakari

MC - Macalder

NZ - Nyanzaga

NG - Nyabigena

NR - Nyabirama

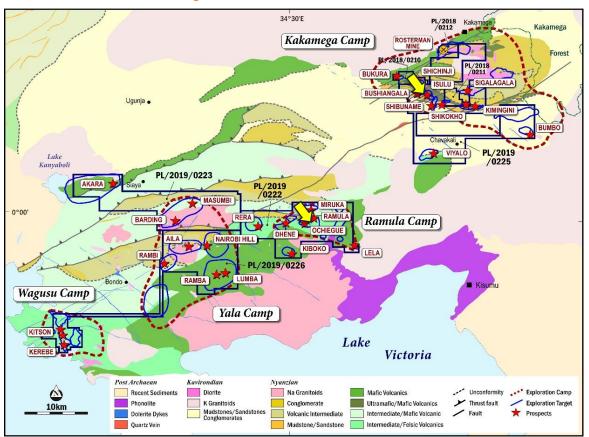
RO - Rosterman SE - Sekenke

TI - Tira

TU - Tulawaka

#### **WEST KENYA PROJECT**

Greenstone discovery in 2015, estimated to hold 3-5 Million ounces gold



580 km2 across the highly prospective Lake Victoria Gold Field

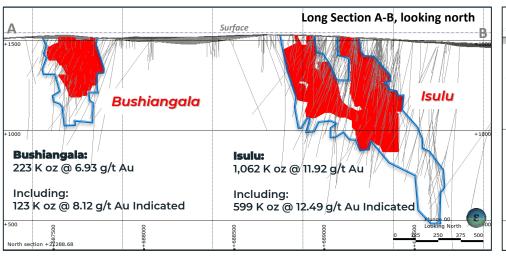
Two prominent exploration camps (Kakamega and Ramula) separated by 35 km paved road

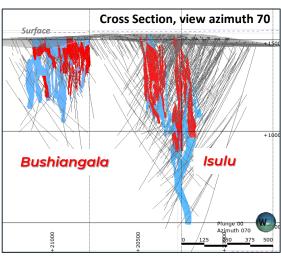
US\$80 million of historical exploration spend by previous owners across the region

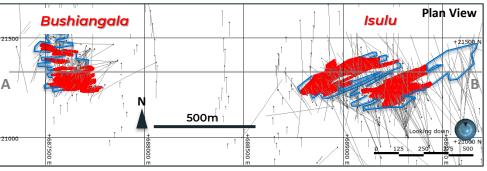


### WEST KENYA PROJECT HIGH GRADE DEPOSITS

Isulu and Bushiangala deposits contain 1.3 Moz at 10.6 g/t including Indicated resources of 722 Koz grading 11.45 g/t

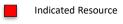




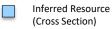




Including: 722 K oz @ 11.45 g/t Au Indicated













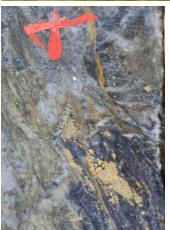


### WEST KENYA PROJECT PROSPECTIVITY

On average, 1 in 3 drill holes at West Kenya has returned visible gold





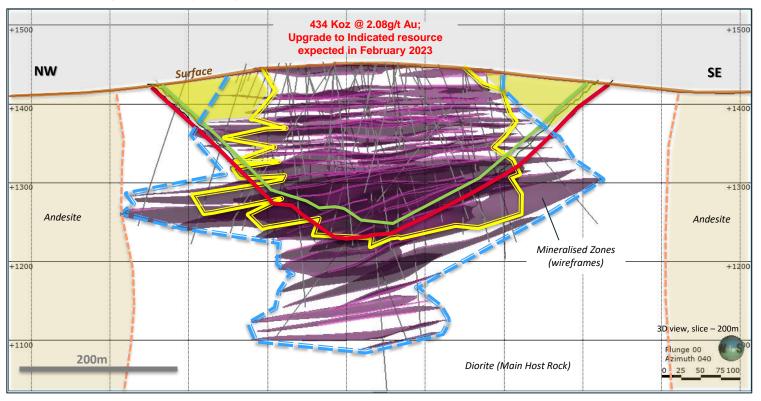






#### **RAMULA DEPOSIT**

### One of 5 high priority targets within the Ramula Camp estimated to hold 2-3 Moz





Outline of the Indicated Resource



Outline of the Inferred Resource



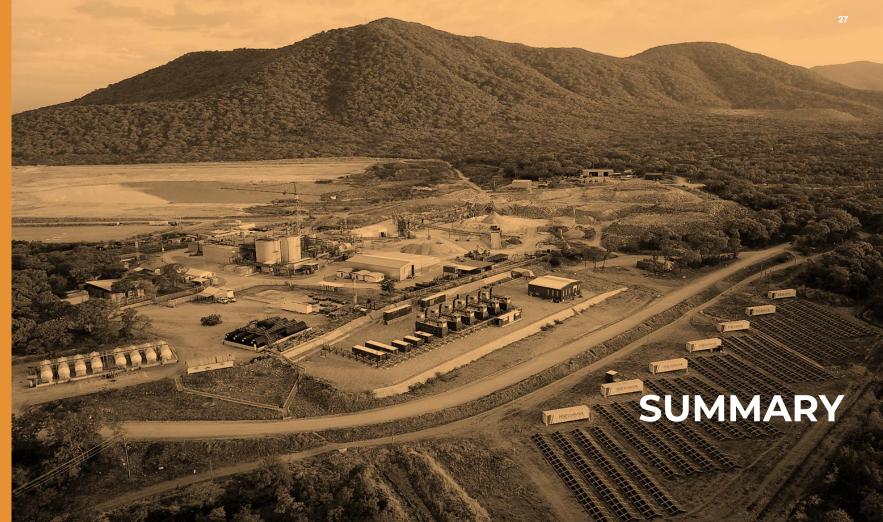
Pitshell US\$2000





Upside potential within US\$2000 pitshell







#### **SUMMARY**

### Compelling investment case

- Highly compelling growth prospects
- High quality portfolio of gold assets
- Cash generative gold producer
- Significant exploration potential with material resource growth expected
- Long successful track record in East Africa
- Strong safety record and ESG history

#### **EMAIL**

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