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## **Investor Highlights**

#### **KEFI Gold and Copper Plc**

KEFI has a market cap of £23m versus portfolio NPV (1) of £348M (approx. 12 pence per share)

NPV (1) for portfolio increased 3X since H1 2020 due to exploration and permitting success (Saudi) and expected greater interest in Tulu Kapi (Ethiopia)

Estimated potential Net Operating Cash Flow (1) £137M (c. US\$185M) per annum from the 3 development projects

KEFI targets becoming a mid-tier producer with 3 projects in production by 2026, at a net production rate of 187Koz gold equivalent (155Koz of gold)

#### Tulu Kapi

- JORC Reserve of +1Moz @ 2.1g/t Au within total JORC Resource of 1.7Moz @ 2.7g/t Au
- Syndicate for US\$356M CAPEX in place. Financial close expected mid-2022, enabling construction
- Target first production mid-2024 at initial rate of 140Koz pa and AISC of US\$982/oz (1) from the open pit; then lift to 190Kpa pa by adding the underground
- KEFI net 70% interest would result in annual net operating cash flow of US\$100M at 31 December 2021 gold price of US\$1,830/oz or US\$70M at US\$1,591/oz gold price

#### Hawiah + Al Godeyer and Jibal Qutman

- JORC Resource of 24.9Mt @ 0.9% Cu and 0.62g/t Au (additional silver and zinc). Resource expansion ongoing.
- PFS target by end of 2022
- Al Godeyer (Hawiah satellite): Licence awarded Dec 2021. Already analogous to Hawiah with geophysics, trenching and drilling
- Jibal Qutman: Progressing mining licence application. Targeting initial 35,000Koz pa production. OPEX sub \$700/oz, CAPEX sub US\$40M (KEFI \$3M)
- All projects have Resources which remain open and with drill ready targets

(1) At the metal prices current at 31 December 2021, as set out on Slide 5



## **Corporate Overview**

#### **Summary**

Share price - 12 mth 0.7p - 2.50p

Current share price 0.8p

Shares in issue 2,939M

Options & Warrants (VWAP > 2p) 582M

Market cap £23M, \$28M

#### **Analyst & Broker Coverage**

Tavira Securities and SP Angel

WH Ireland

**Orior Capital** 

Edison Research

#### **Shareholders over 5% excluding nominees**

Management 12%

RAB Capital 8%



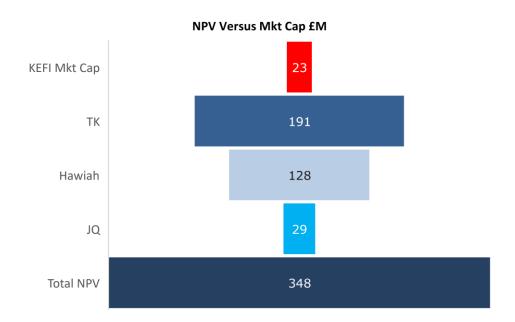
The company announced the temporary pause of the Ethiopian project launch as a security precaution on 29 September 2021. Subsequently announced recommencement on 16 November 2021 and continual improvement since.

#### Directors

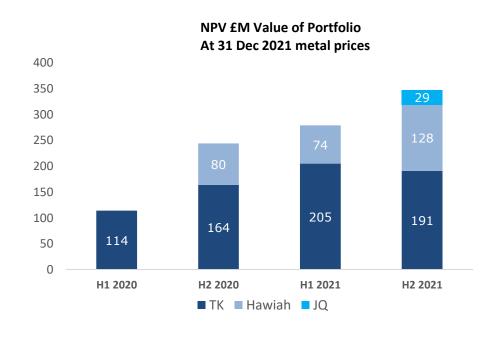
Executive Chair
Finance Director
NED
NED
NED



# Market Cap of £23M Versus Group NPV £348M (KEFI beneficial interest only)



Metal prices at 31 Dec 2021	\$
Gold	1,830
Copper	9,750
Zinc	3,590
Silver	23

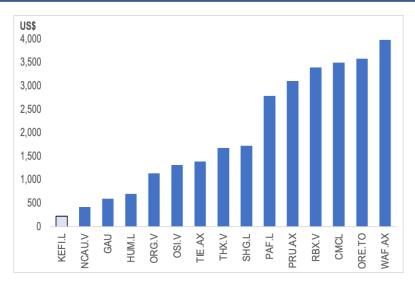


Period		NPV	NPV per share
H1 2020	£	114,000,000	0.06
H2 2020	£	244,000,000	0.11
H1 2021	£	279,000,000	0.13
H2 2021	£	348,000,000	0.12



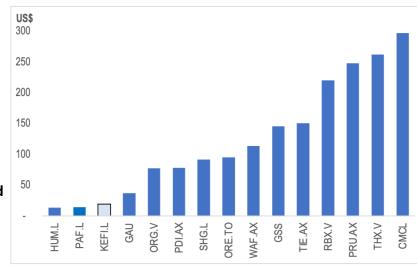
## **Industry Valuation Analogues**

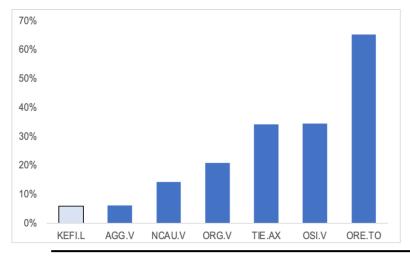
Source: Company data, Orior Capital



(left) African gold companies Enterprise Value per oz of production, planned or 2022 guidance

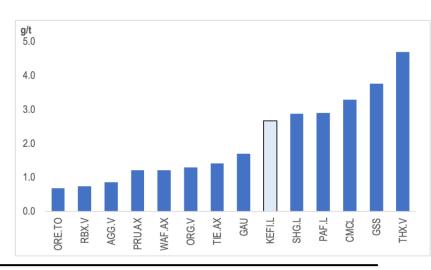
> (right)African gold companies Enterprise Value per oz of measured and indicated resource





(left) EV/NPV, selected African gold companies

(right) African gold companies, M&I resource grade, g/t gold





## **Group Strategy**

- To deliver Tula Kapi financing package in H1 2022
- To continue to build value across the portfolio and mitigate single asset risk
- To add further value across the 3 projects that are economically robust and feasible
- In the longer term, to become a mid-tier scale group that is focused on the Arabian Nubian Shield



## **Mid-Tier Road Map**

Targeted group production is 365Koz Au-Eq with KEFI net interest of 187Koz Au-Eq (of which 155Koz is Gold)

2022 2023 2024 2025 2026 **Tulu Kapi (70%)** Finance mid-22 Production from mid-2024 starting at 140k oz Construction Gold increasing to 194k oz p.a. and start Open pit to underground Construction Jibal Qutman (30%) **Development** Production starting at 35k oz p.a. Gold **Mining Licence 2022** Open pit heap leach to underground Development **Hawiah (30%) Production Copper-Gold-Zinc-Silver** PFS in 2022 starting at 136k Open pit to underground **Expand Resource in 2022** oz p.a. Goldeqiv of coppergold-zinc-silver



## **Arabian Nubian Shield**



- TSX listed
- Block 14 Sudan (79.94Mt @ 1.11g/t for 2.85Moz)
- Feasibility level
- Acquired by Perssus Mining for C\$215M in February 2022
- Acquisition cost of \$60.35 per resource oz

#### **BARRICK**

"We are also investigating projects across the Nubian and Arabian Shields in North Africa and the Middle East."

Barrick AGM March 18 2022







## Tulu Kapi Gold Mine, Ethiopia





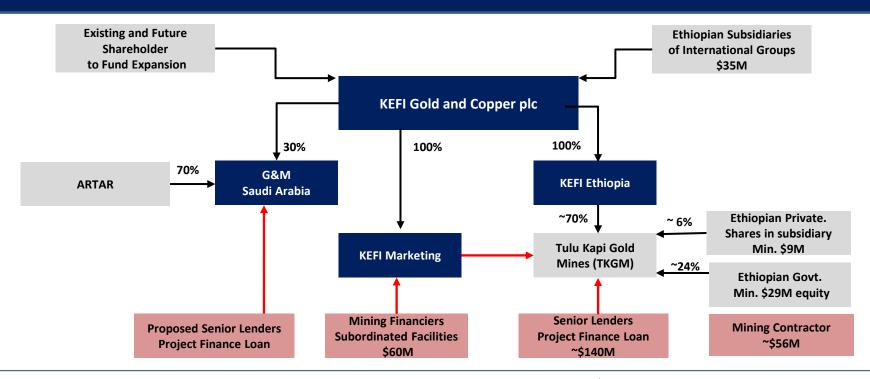
## **Tulu Kapi Economic Metrics**

## At Gold Price US\$1,591/oz Based on Open Pit Ore Reserves Only

		2021 Plan (8 year LOM contract mining)		
	1Moz in reserve at 2.1g/t within 1.7Moz resource at 2.7g/t	Waste:ore ratio	7.4:1.0	
·	TIVIOZ III Teserve at 2.1g/t within 1.7ivioz resource at 2.7g/t	Processing rate	1.9-2.1Mtpa	
•	AISC of US\$826/oz includes all operating costs, maintenance capital and royalties	Total ore processed	15.4Mt	
		Avg. head grade	2.1g/t	
•	Royalties increase with the gold price and therefore so does AISC	Gold recovery	93.3%	
•	Life of Mine ("LOM") is the time to mine the planned open pit only	Annual steady state production	140,000 ozs	
		Total LOM production	980,000 ozs	
•	Gold production and net operating cash flow are for the first eight years	AISIC	826/oz	
		All in Costs (incl. initial capex)	1,048/oz	
•	KEFI's targeted 70% beneficial interest in Tulu Kapi would represent a US\$70M annual interest in the underlying annual net operating cash flow of US\$100M,	Avg. net operating CF	\$100M p.a.	
	assuming a gold price of US\$1,591/oz	Payback	3 years	



## **Identified Funding Structure**

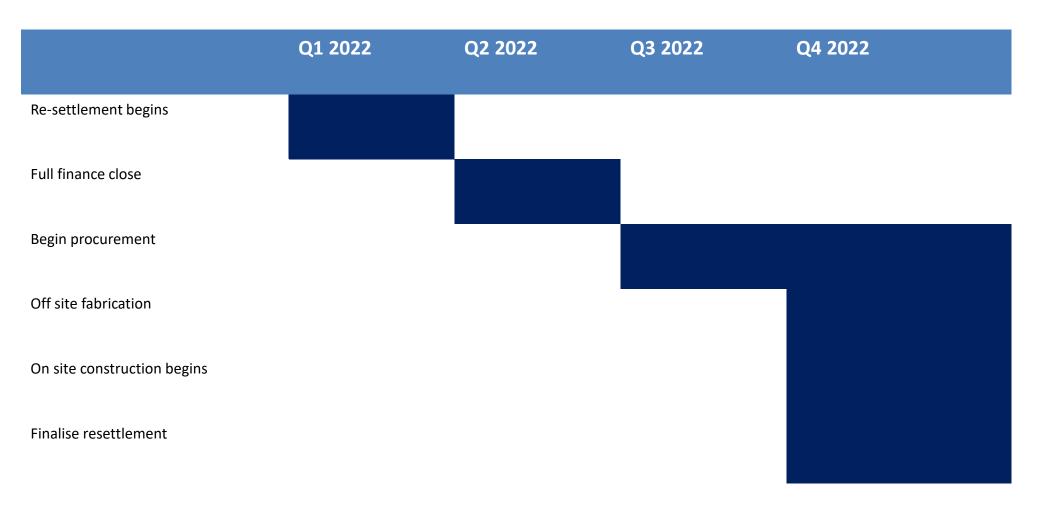


- 1. Subject to final procurement confirmations this month, TKGM capital requirement is c.US\$356M
- 2. Mining contractor to provide US\$56M mining fleet and Senior Lenders to provide US\$140M, leaving US\$160M to be provided as Equity-Risk-Capital
- 3. Equity-Risk Capital to be provided by Government US\$29M and Local Private Investors US\$9M into TKGM alongside KEFI Group for c. US\$122M
- 4. KEFI Group's c. US\$122M planned in the following manner:
  - a. Subordinated non-convertible, offtake-linked US\$60M1
  - b. Subordinated convertible into KEFI at VWAP in 3 years as to US\$15M1 and US\$20M at a premium over market in H2-22
  - c. Internal cash generation during commissioning, mining capex Year 2 paid by KEFI shares and final equity to be subscribed when all syndicate has signed up potentially including proceeds of Dec warrants (c.US\$8M). Aggregate of all is US\$27M

<sup>1</sup>Offers and Commitments are made on a non-binding basis.

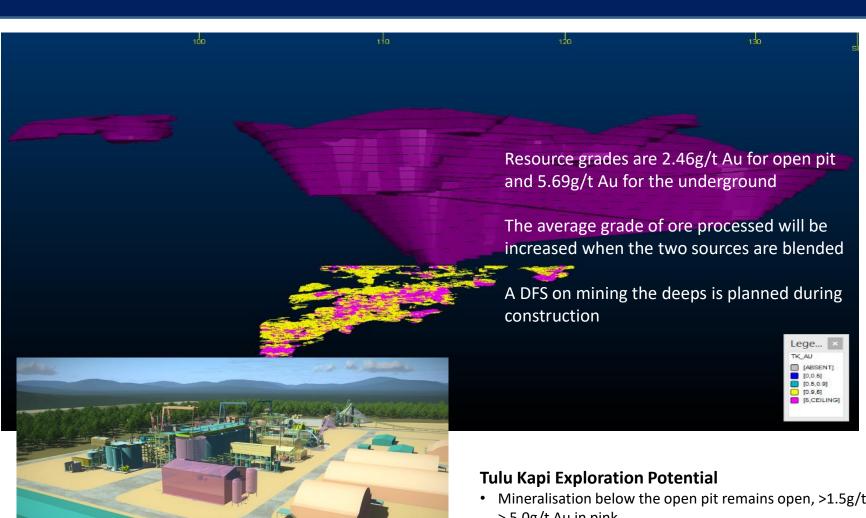


## **Tulu Kapi Development Plan for 2022**





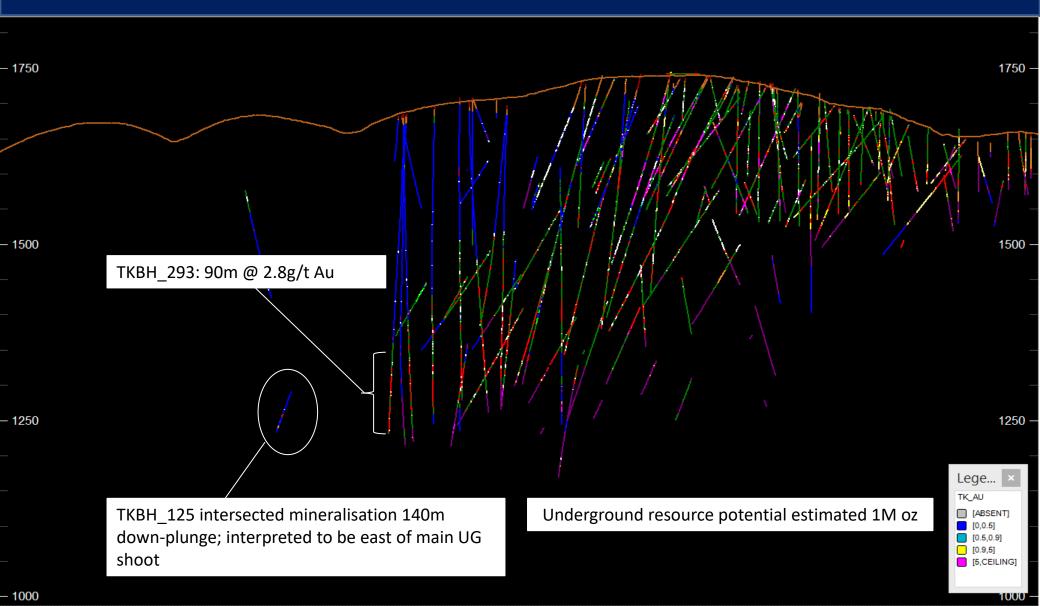
## **Tulu Kapi Development**



- Mineralisation below the open pit remains open, >1.5g/t Au in yellow and > 5.0g/t Au in pink
- Satellite deposits containing mineralization identified and awaiting drilling

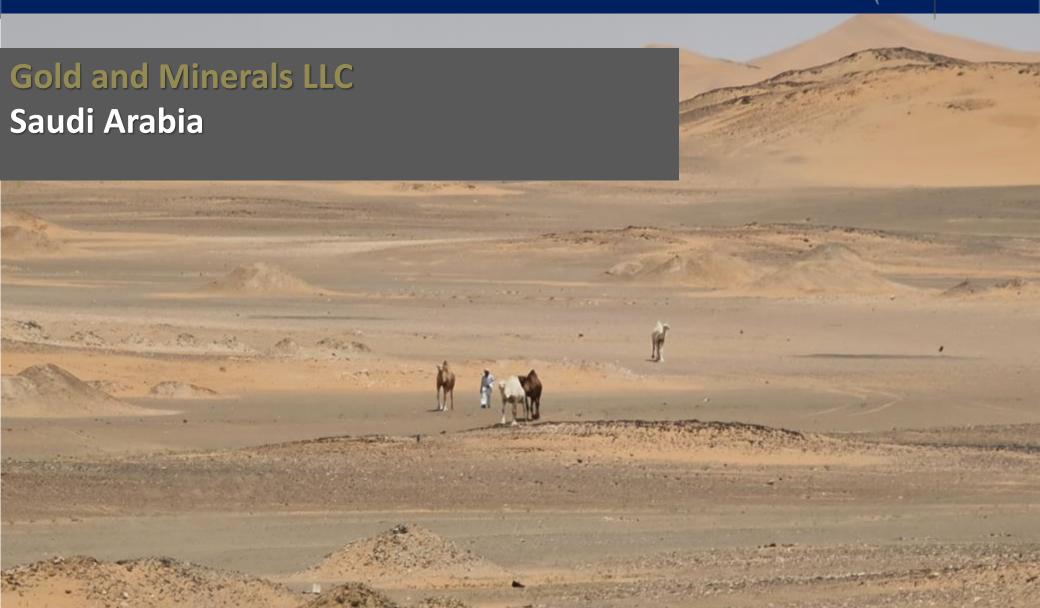


## Tulu Kapi – Open at Depth











## **Existing Asset Overview - Saudi Arabia**

#### **Hawiah (30%)**

2021 Mineral Resource 24.9MT @ 0.9% Cu and 0.62g/t Au

In situ gold equivalent of 2.2Moz versus Tulu Kapi 1.7Moz

Drilling continues to expand resource inventory

Additional exploration licence granted (Al Godeyer) is direct analogue to Hawiah and already enjoyed exploration success

#### **Objectives for 2022**

- Upgrade and expand the Oxide Resource
- · Explore the Central Zone of the Hawiah Ridge line
- Complete drill program on Al Godeyer Licence. Produce a Maiden MRE
- Complete the Hawiah PFS ready for a ML application by Q4 2022

#### Jibal Qutman (30%)

Seeking to progress mining licence application

JORC Resource of 733,000oz gold, open at depth

PEA established for heap leach operation

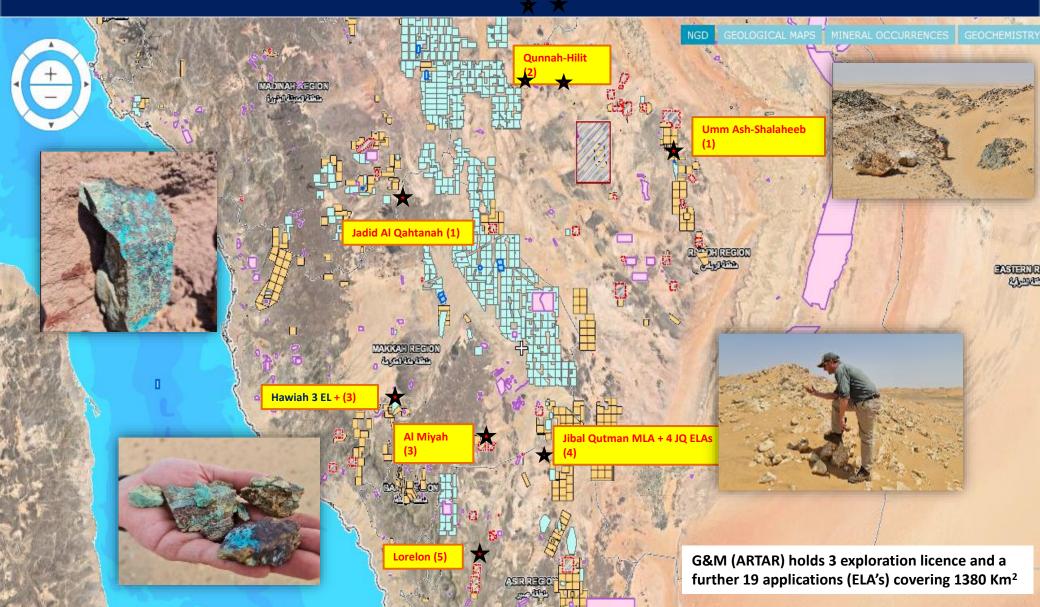
Opex < \$700/oz, Capex < \$40M, Target production of 35,000oz

#### **Objectives for 2022**

- Continue to work closely with the DMMR to approve Mining Licence application.
- Undertake a complete re-evaluation of the PEA to ensure compliance with new Environmental and Mining regulations.
- Develop coherent plan to move project into construction in 2023.



## **Regional Exploration Projects**





# The Hawiah Project Wadih-Bidah Belt - Makkah Province



A major greenfield discovery made in September 2019.

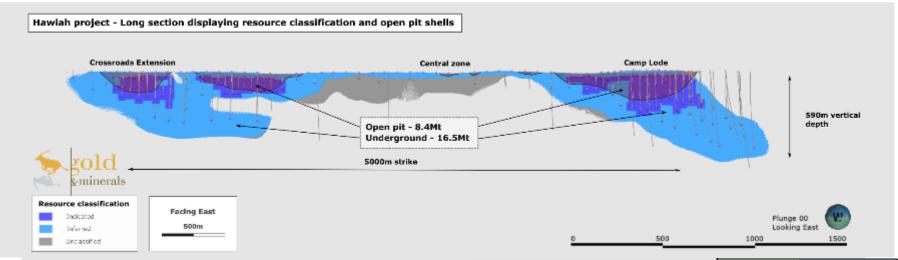
A three year 42,000m drilling programme has so far delineated a total mineral resource of 24.9 Mt (0.9% copper, 0.85% zinc, 0.62 /t gold and 9.81 g/t silver)

Hawiah ranks as one of the top 3 major base metal projects in KSA and is on track to be brought into production in 2025.



## Hawiah Project





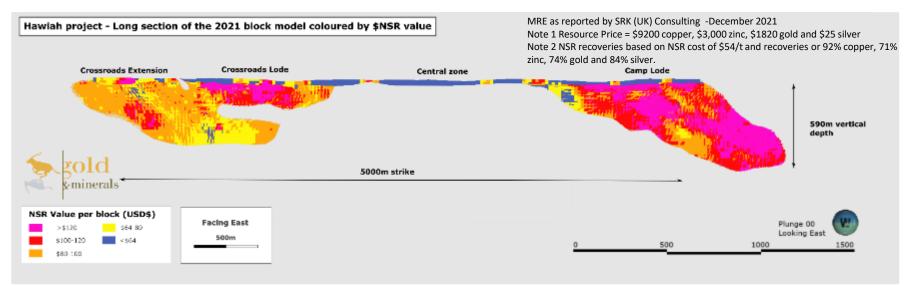
- Major greenfield discovery made in September 2019
- 42,000m drilling programme over 3 years
- Mineral Resource of 24.9 Mt (0.9% copper, 0.85% zinc, 0.62 /t gold and 9.81 g/t silver)
- Current cost per Gold Equivalent discovery oz ~ US\$6
- Further near-term resource expansion Al Godeyer, Hawiah Oxides and Central Zone
- Hawiah now ranks as one of the top 3 major base metal projects in KSA and is on track to be brought into production in 2025.

	2020	2021
Total Resource	19.3	24.9
Cu Grade (%)	0.9	0.9
Au Grade (g/t)	0.6	0.62
Indicated Resource	0	10.9
Inferred Inferred Resource	19.3	14.0
Open Pit Resource	0.1	8.4
Open Pit Grade (Cu %)	0.0	0.93
Open Pit Grade (Au g/t)	1.7	0.74
Oxide Resource	0.1	0.7
Oxide Grade (Au) g/t	1.7	1.49
Transition Zone Resource	2.0	2.30
Transition Grade (Cu %)	1.1	1.32

MRE as reported by SRK (UK) Consulting -December 2021 & August 2020 Note 1 Resource Price (2021 MRE) = \$9200 copper, \$3,000 zinc, \$1820 gold and \$25 silver Note 2 NSR recoveries based on NSR cost of \$54/t and recoveries of 92% copper, 71% zinc, 74% gold and 84% silver (MRE 2021).



# Hawiah Project Working Towards PFS Q4-2022



- Planning scenario based on a 2 Mtpa open pit and underground mining operation with an estimated mine life of 11 years.
- Processing will use conventional floatation and SART processing for copper & zinc and Merrill Crowe for precious metals.
- ESIA and Groundwater studies well advanced

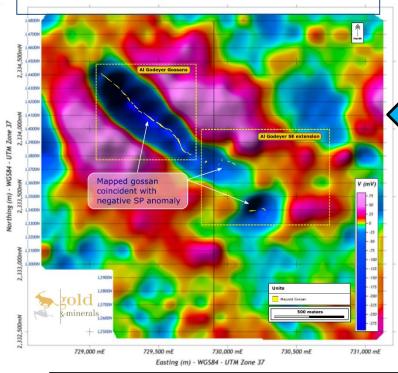
Estimated Value based on internal PEA Financial Model			2021 MRE
Initial Capital (US\$ million)		171	159
NPV (8%)	2020 CMF	12	141
NPV (8%)	G&M Base	171	354
Payback (Years)	2020 CMF	5	2.2
Payback (Years)	G&M Base	3	<2
Delivery Cost US\$/AU Equi Oz			6.0

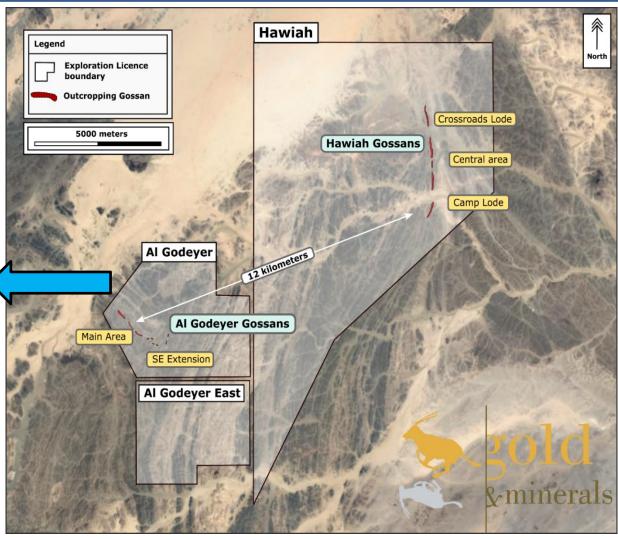
Metal Prices (US\$)	CMF 2020	G&M Base	Dec-21
Cu	6500	8400	9750
Zn	2100	2500	3590
Au	1350	1600	1830
Ag	19	24	23



# Initial Al Godeyer Exploration Confirms Similarity to Hawiah Cu-Au VMS Mineralisation

- Strong SP geophysical anomalies below gossans are similar to Hawiah
- Trenching, geophysics and initial drilling indicates good continuity of Cu-Au mineralised horizon
- Gold mineralisation of up to 7.2g/t gold and 1.8% copper encountered







## **Jibal Qutman Project** Nabitah-Tathlith Belt - ASIR Province

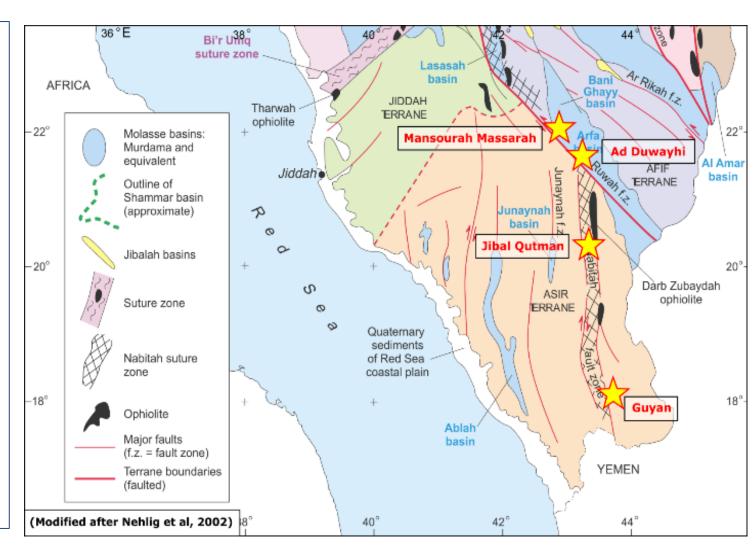


- Current resource of 28 Mt containing 733k gold oz (grade 0.8g/t).
  - G&M submitted a mining licence application in 2016.
  - New Mining Investment Law delayed issuance of licence
- G&M Team working closely with the Deputy Minister of Mineral Resources (DMMR) for resubmission and subsequent award of mining licence
- Existing resource is based on exploration between 2012-2016, additional targets identified
  - G&M also has exploration licence applications covering 400 Km<sup>2</sup> offering significant potential for further resource expansion.



## Jibal Qutman Gold Project

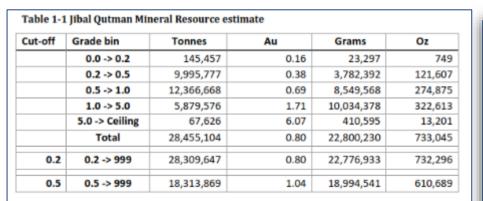
- Jibal Qutman is located in the southern portion of the Nabitah Suture zone (Nabitah-Tathlith), a shield wide belt hosting multiple ancient gold mines and known occurrences, as well as the major Ad Duwayhi and Mansourah-Massarah Gold Mines.
- 2012-2016 exploration programme defined a total resource of 733Koz Au (indicated and inferred).
- The Mining Licence application area covers 26 Km<sup>2</sup> and in addition to this G&M has a further 5 associated exploration licences covering an area of 400 Km<sup>2</sup> under application.
- Within this area there are several ancient workings and prospects for gold, with grab samples from the area showing areas or high-grade gold mineralisation.

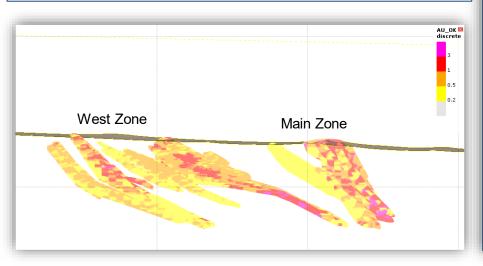


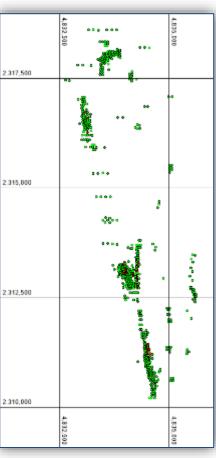


## Jibal Qutman Geology and Resource

- JQ is a typical shear hosted orogenic gold deposit with comprising a weathered oxide cap and lower unweathered ore body.
- There are currently 7 recognised zones of mineralization
- Resource drilling has so far only been explored to a depth of 125m and the ore body is open at depth.









## **Thank You**





Email: info@kefi-minerals.com





Website: www.kefi-minerals.com



#### **KEFI's Board of Directors**





Harry Anagnostaras-Adams – Executive Chair – B. Comm, MBA, Fellow of Australian Institutes of Management & Company Directors
Harry was founder or co-founder of Citicorp Capital Investors Australia, investment company Pilatus Capital, Australian Gold Council, EMED Mining,
KEFI Minerals and Cyprus-based Semarang Enterprises. He has overseen a number of start-ups in those and their related organisations principally
through the roles of Chairman, Deputy Chairman or Managing Director. He qualified as a Chartered Accountant early in his career while working with
PricewaterhouseCoopers.



#### John Leach – Finance Director – BA Economics, MBA, CA (Australia & Canada)

John has over 25 years' experience in senior executive positions in the mining industry internationally and is a former non-executive Chairman of Australian-listed Pancontinental Oil and Gas NL. He is a Chartered Accountants in Australia and Canada, and is a Fellow of the Australian Institute of Directors.



Mark Tyler – Non-Executive, Chair Audit and Remuneration Committee – BSc (Eng) Mineral Processing, GDE (Mineral Economices)

Mark has over 20 years of mining finance experience, having participated in mining equity investments at the IDC of South Africa and as the Co Head of Resources Finance and subsequently a resources investment banker in London for Nedbank, a South African bank. He is currently also a resources adviser to Exotix Capital, an emerging markets investment bank and the London representative for Auramet International, an international precious metals financier.



#### Norman Ling, Non-Executive, BA German and Economic History

Norman was a member of the British diplomatic service for more than 30 years, for the last ten with the rank of ambassador. He has served in a wide range of countries in the Middle East and Africa. His last post, before retirement, was as Ambassador to Ethiopia, Djibouti and the African Union. For the last two years he has been actively involved with development of the mining industry in Ethiopia.



## Richard Robinson – Non-Executive – Master of Mineral Economics Queen's University (Can); B. Computer Science University of Natal (South Africa). Non-Executive Director also on Joint Venture Operating Company Boards

Richard has over 40 years in the gold, platinum, base metal and coal industries, with over 20 years at Gold Fields of South Africa where he had responsibility for gold operations and exploration, base metals and coal operations, and the group commercial activities. His experience also includes being Managing Director of Normandy LaSource, Non-Executive Chairman of the private Swiss multinational Metalor Technologies International and Non-Executive Director of Recylex



# Senior Management Executive Chairman and Finance Director Plus....



#### **Eddy Solbrandt – Ethiopia**

#### **Plus People & Systems**

Eddy began his career in the mining industry in 1986 and has since worked in open cut and underground metalliferous mines, as well as in coal, gold and mineral sands in Australia, New Zealand, USA, Canada, Mexico, UK, Ukraine, Russia, Kazakhstan, Indonesia, Thailand, South Africa, Mozambique and Namibia.

Eddy is founder of GPR Dehler, an international management consultancy which specialises in productivity improvement for mining companies worldwide, especially in the areas of human resources development and performance improvement.

He is adept at providing swift assessment, analysis and development of solutions and strategies for achieving strategic, operational and financial objectives integrating process, people and technology. He is a seasoned facilitator experienced in designing and conducting strategy workshops.

#### Brian Hosking - Saudi Arabia

#### plus Planning & Exploration

Brian began his career as a geologist and technical planning in a variety of mining operations.

In 1990 he set up his own human resource consulting firm, then led its growth and integration into Transearch, a large global search firm. In 1999 he was elected to serve on the Transearch Board as Executive Director and COO.

In 2003 Brian set up Meyer Hosking and focused on the mining sector developing this niche in London providing strategic services including remuneration advice, management assessment and executive search to a wide range of clients. Before joining KEFI Brian had established a strong international reputation as a consultant with an in-depth knowledge of the industry. In this capacity he was regularly retained as a strategic advisor to executive management teams and boards in mining industry. He currently serves as the Managing Director/ CEO of Gold and Minerals, KEFI's Joint Venture in Saudi Arabia.

#### Norman Green - Development

Norman is a graduate mechanical and professional engineer with the key experience of having managed large mining and refining construction projects from concept to completion with more than 30 years experience in this field. Major projects Hillside Aluminium smelter, the Skorpion Zinc project and the Husab Uranium mine are included in his handiwork, as well as a number of pure deep level underground mines.

He founded and built Green Team International (GTI) into a successful project engineering firm providing or supporting construction implementation and other engineering support to mainly African mines. Projects studied or handled by GTI as the Project Implementation Team or "Owner's Team" included major gold, uranium, copper, nickel, iron ore and platinum projects in Namibia, South Africa, DRC, Peru and Madagascar.

Norman now conducts projects of special interest with his long-standing associates

Exploration Adviser – Jeff Rayner, experienced discoverer, foundation Managing Director of KEFI.

Operations Adviser – David Munro, former Managing Director Billiton

Theron Brand – Managing Director, TKGM, career in African mining finance and site operations management including at Navachab Gold Mine and Namdeb Diamonds

Abera Mamo – Country Manager, TKGM. Career in Ethiopian private and public sector including CEO of Africa's largest flowerfarm and deputy head of Oromia President office



# NPV's to KEFI of the Development Projects

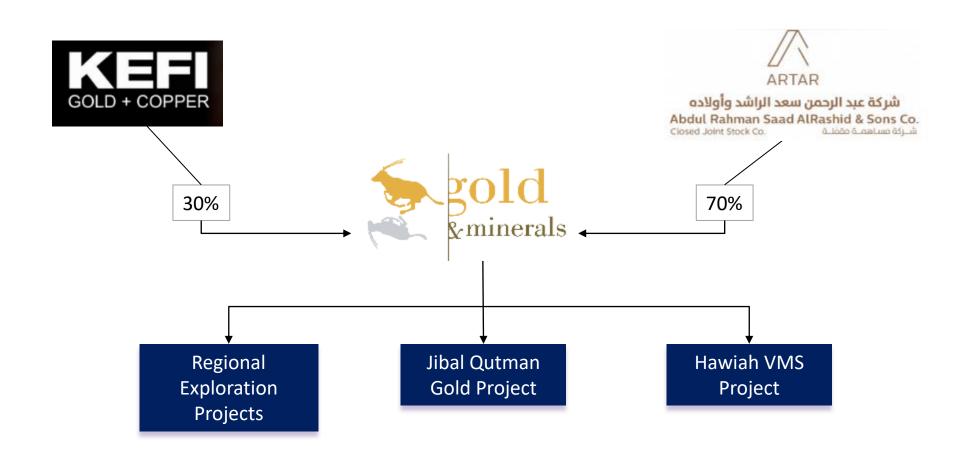


Net Present Value for KEFI at		Hawiah	Jibal Qutman	Total	Issued	Pence Per	
31 December 2021 Metal Prices:	NPV	NPV	NPV	NPV	Shares	Share	
20/20/2020	0444 111			0444 !!!	4 00= 111		
30/06/2020	£114 mill	0	0	£114 mill	1,867 mill	6	
31/12/2020	£164 mill	£80 mill	0	£244 mill	2,137 mill	11	
30/06/2021	£205 mill	£74 mill	0	£279 mill	2,153 mill	13	
31/12/2021	£191 mill	£128 mill	£29 mill	£348 mill	2,939 mill	12	
Footnotes:							
Assumed exchange rate was rate US\$1.35	:£1.00						
JV Ownership Levels: Ethiopia 45% in 2020	and 70% in 2021; Sau	di 34% in 2020 a	ınd 30% in 2021				
31 December 2021 Metal Prices:							
Gold Price is US\$1,830/oz							
Copper Price is: US\$9,750/t							
Zinc Price is US\$3,590/t							
Silver Price is US\$23/oz							
Explanatory Notes:							
* NPV is derived by KEFI using independent	ly created financial mod	dels of net cash f	lows after tax				
and debt service, using a discount rate of 89	%;						
* Tulu Kapi open pit model is based on the L	Definitive Feasibility Stu	ıdy ("DFS") as up	dated for any				
refinements during project contracting and in-country experience;							
* Tulu Kapi underground mine model is base							
* Hawiah assumes preliminary mine modell		derground becau	use the MRE has only				
recently been updated. Also includes prelim	ninary debt leverage;						
* Jibal Qutman model is based on the interr	nal PEA, preliminary de	bt-leverage appli	ied.				



### **Saudi Corporate Structure**

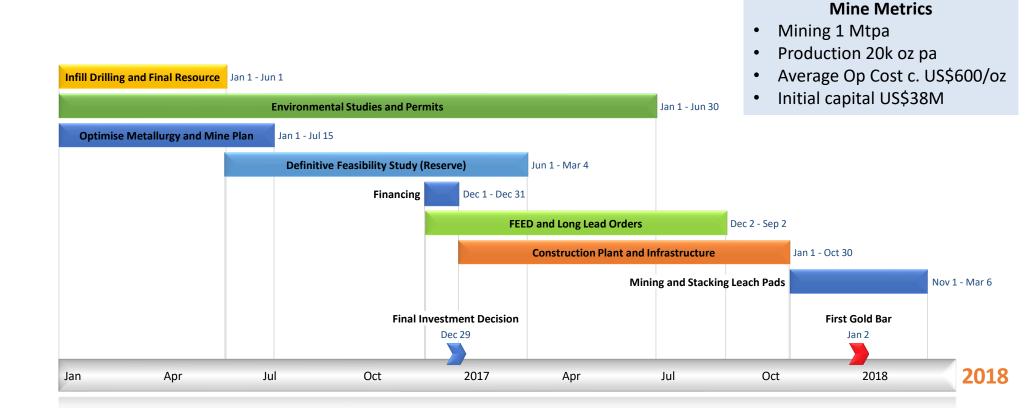






# Jibal Qutman -Development Schedule when Mining Licence Lodged in 2016





Mining Licence Application submitted in Dec 2016 based on Dec 2015 Sedgmen scoping study.