



Arabian Nubian Shield Regional Financier Update 5 April 2023



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Corporate Overview



Capital Structure (AIM:KEFI)

Share price - 12 mth 0.4p - 1.5p

Current share price 0.83p

Market cap £33M (\$40M)

Directors

Harry Anagnostaras- Executive Chair

Adams

John Leach Finance Director

Mark Tyler NED

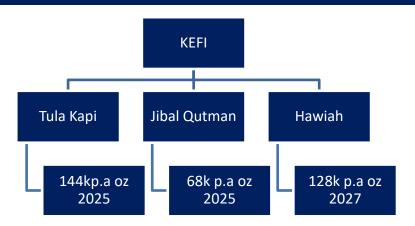
Richard Robinson NED

Shareholders over 5% excluding nominees

Management 7%

RAB Capital 7%

Snapshot



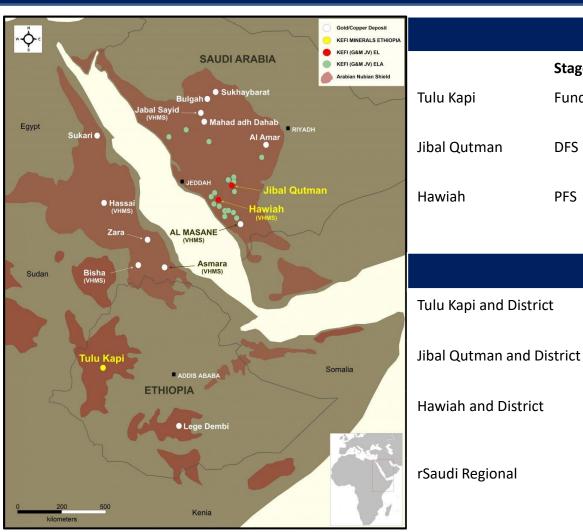
Project Economics

- Scope to create mid cap gold/copper company from 3 project
- Current resource base 5M oz gold equiv (2.3M net to KEFI)
- In-situ metal content US\$9.6 Bill (KEFI interest US\$4.8 Bill) (current spot)
- Tula Kapi net operating cash flow £75m per annum and NPV8 £207M
- 1.8p and 5p respectively (@ \$2,000 gold)
- Group production profile will be in excess of 340,000 ozs pa in 2027



Project Overview





Development Projects				
	Stage	Key Points		
Tulu Kapi	Funding	Reserve of 1.0Moz @ 2.1g/t Au Starting at 144koz Au p.a. @ AISC \$935/oz over 7 years		
Jibal Qutman	DFS	Resource of 0.7Moz at 0.8g/t Au DFS evaluating OP/CIL development		
Hawiah	PFS	Resource of 29Mt @ 0.9% Cu, 0.9% Zn, 0.7g/t Au Potential open pit contains 11Mt of the Resource Similar to AMAK's Al Masane Mine, but larger		

Exploration Projects

Resource open below open pit with high grades District has several known oxide gold deposits
7 known deposits only drilled to a max depth of ~125m 2 new EL's along strike, drilling has recommenced

	Hawian open at depth and in Central area
	Similar Cu-Au mineralisation at nearby Al-Godeyer, the
	maiden resource of which adds 1Mt to Hawiah open pit
	5 EL's recently awarded
	2 VMS Cu-Zn-Au prospects, same belt south of Hawiah
	2 Au prospects in Lorelon Au-Ag-Cu Belt
	1 Au prospect in Al Miyah Mineral District
_	



Current Project Status and 2023 Plans Tulu Kapi Gold



Q1 2023

- ✓ Costings updated
- ✓ New mining contractor appointed
- ✓ Finance plan agreed
- ✓ All contracting, investment and lending terms updated
- ✓ Definitive agreements with contractors, equity investors, government agencies
- ✓ Lenders update their T&Cs for other parties to confirm documents

Q2-3 2023

- Principal government regulatory confirmation include:
 - Ministry of Finance and Central Bank as regards our banks having equal protections and re offshore banking
 - Ministry of Mines re security, community, tenure and support on various administrative fronts
- Final lender credit approval
- Independent confirmation of compliance with international banking standards with regard to:
 - Upgraded security systems in project area
 - Upgraded community preparations for resettlement and compensation
- Approval at KEFI GM
- Equity funds flow to project

Q4 2023

Commence construction in dry season after having prepared community and ordered the plant and equipment



Mine development has been stress tested by leading experts so that KEFI can deliver Ethiopia's first major modern mine





Security









Financial Model





Environmental & Social

SNºWDEN

Definitive Feasibility Study

Resources & Reserves



Project Status and 2023 PlansSaudi Arabia



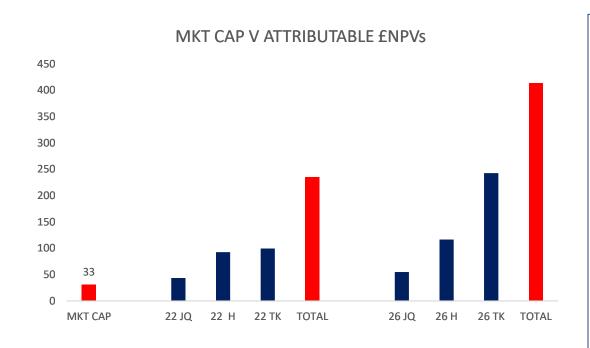
Jibal Qutman - Gold	Hawiah – Copper
2022 ✓ EL reissued in November 2022 ✓ 2 Els granted along strike	 2022 ✓ Resource increased to 29Mt (0.9% Cu, 0.9% Zn, 0.67g/t Au and 10.1g/t Ag) ✓ 5 other ELs granted in same belt
2023	2023
 Drilling to upgrade and expand resources at both Hawiah and nearby Al Godeyer Mine planning Ore reserves Environmental permitting Finalise project funding with Saudi Investment Development Fund Commence procurement and site works 	 Complete PFS Drilling to upgrade resources Metallurgical test work



Current NPV £221M & 2026 NPV £421M







KEFI stock market capitalisation compared with the NPV's of KEFI beneficial interest in the 3 advanced projects, as at today and as at 2026

In 2026 KEFI expects Tulu Kapi and Jibal Qutman to be entering their second year of production and Hawiah to be in construction

NPV is based on existing known resources as at end-2021. The Company expects to regularly expand its resource base through ongoing exploration during the period, which has the potential to increase the NPVs accordingly

Gold and copper prices are fixed at \$1,641/oz and \$3.61/lb in the NPV calculations

Comments on NPV (Net Present Value) and the Calculations

All three of KEFI's advanced projects report NPV's based on discounting at 8%:

- recoverable JORC Resources as reported up to end 2021
- Consensus metal prices per CIBC at 1 December 2022 (Gold \$1,641/oz, Copper \$3.61/lb, Zinc \$1.15/lb, Silver \$21.54/oz)
- net cash flows after debt service and after taxes, i.e. net cash available for shareholders
- Nil value for potential expansion of project resources or any other discovery

For our most advanced project, Tulu Kapi's planned open pit mine, the modelling was built independently for use by the project syndicate and is based on the DFS (Definitive Feasibility Study) as updated for refinements in consultation with lenders, contractors and input pricing updates generally. KEFI management use this modelling as the basis for analyses for equity investors. We integrated underground mining based on internal Preliminary-Economic-Assessment-level analyses.

KEFI's beneficial interest in each project NPV calculation was assumed to be 80% in TKGM and 30% in JQ & Hawiah. These are assumptions only and the exact beneficial interests will only be finalized upon funding of projects being completed.

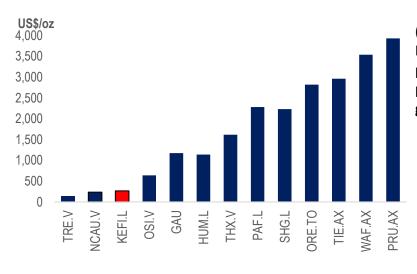
Other KEFI projects are less advanced and are at various stages of feasibility study. Accordingly we present Preliminary Economic Assessments based on models derived with the input of our specialist advisers and consultants.



Valuation Benchmarks African Gold Companies

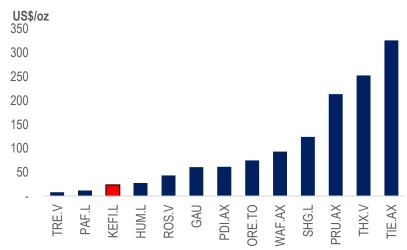


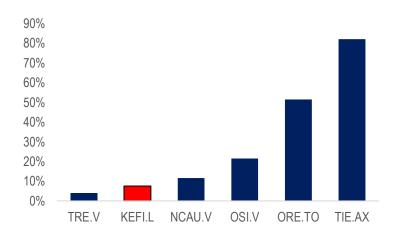
(Source: Orior Capital)



(left) African gold companies Enterprise Value per oz of production, planned or 2022/23 guidance

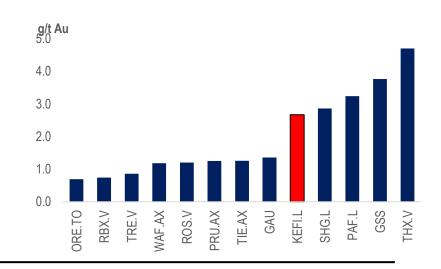
> (right)African gold companies Enterprise Value per oz of measured and indicated resource





(left) EV/NPV, selected
African gold companies

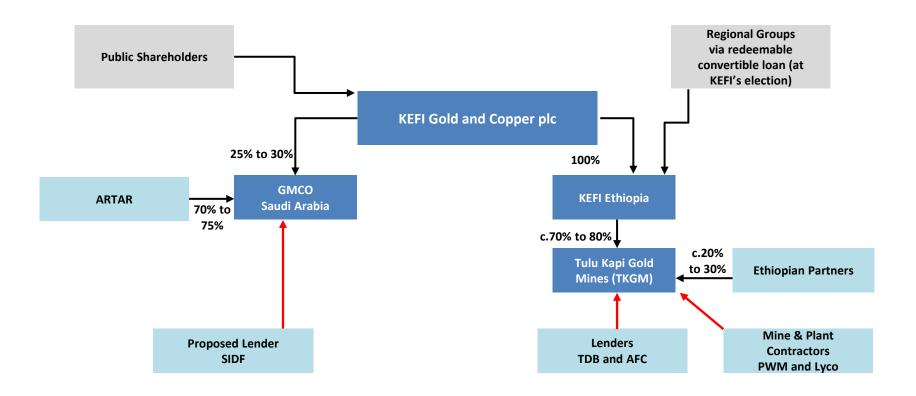
(right) African gold companies, M&I resource gold grade





Syndicate Structure of Partners, Regional Investors Banks and Contractors





The beneficial interest percentages provided on this slide are indicative only as the beneficial interests shall only be finalized upon funding of the projects being completed, The percentages on the slide represent the current expectation of KEFI management.



Companies in the Arabian-Nubian Shield







- Block 14 Sudan (79.9Mt @ 1.11g/t for 2.85Moz Au)
- Feasibility stage
- Acquired by Perseus Mining for C\$215M in Feb 2022
- Acquisition cost of \$60 per resource oz

BARRICK

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

Barrick AGM - 18 March 2022



- Auction of Khnaiguiyah EL in Saudi Arabia in Sep 22
- US\$68M winning bid by Moxico-Ajlan & Bros consortium
- Advanced project with Resource of 25Mt at 4.11% Zn & 0.56% Cu





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.



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.





Ethiopia - Tulu Kapi Gold Mine Full Funding Package Agreed In-Principle

- Closing Process Underway
- Financing to Cover Development plus Exploration



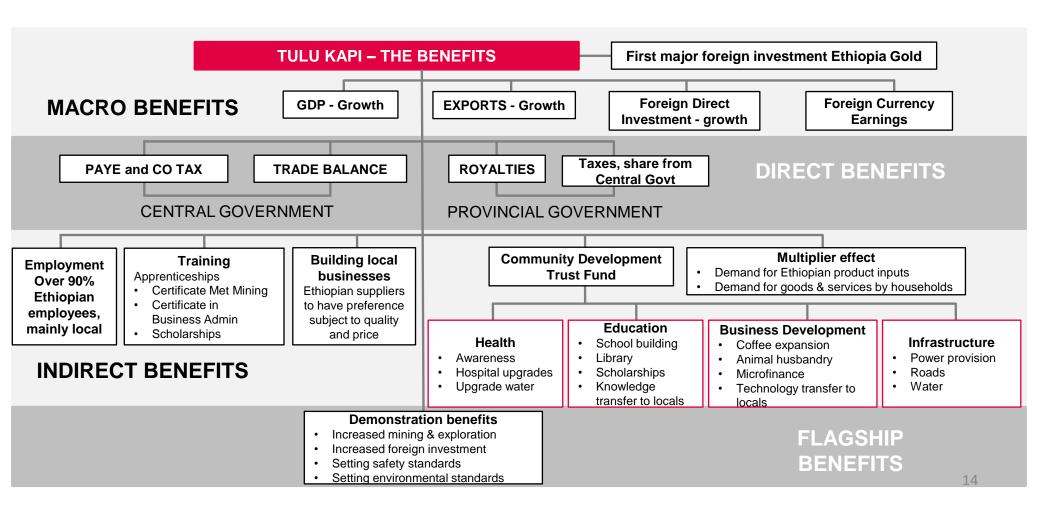


Benefits to Ethiopia



Mining is a long-term activity and has high social impact

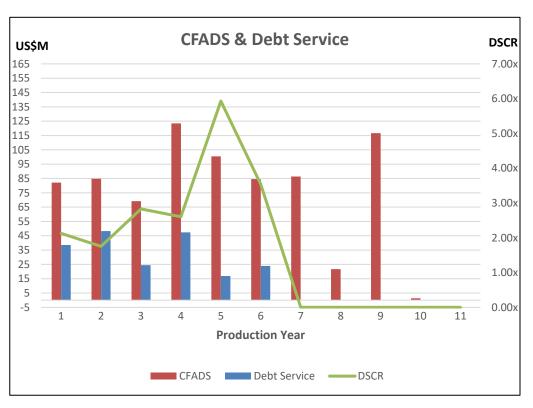
Mining represents c.20% of Africa's economic activity and minerals are the continent's second-largest export category

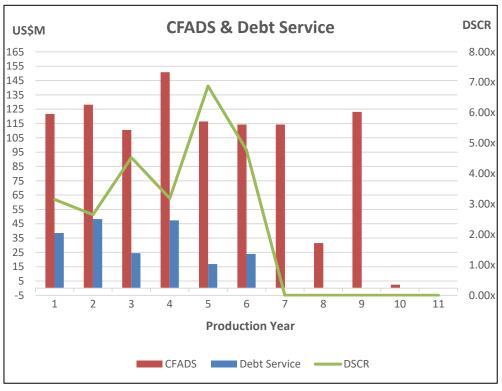




Tulu Kapi Cash Flows To Debt vs Equity At Current Consensus Gold Price \$1,641/oz And at Current Spot Price \$1,940/oz







Above chart shows Tulu Kapi's Cash Flow Projections at \$1,641/oz

- Cash Flow Available for Debt Service (LHS)
- Cash Flow Used for Debt Service (LHS)
- Debt Service Coverage Ratio (RHS)

Above chart shows Tulu Kapi's Cash Flow Projections at \$1,940/oz

- Cash Flow Available for Debt Service (LHS)
- Cash Flow Used for Debt Service (LHS)
- Debt Service Coverage Ratio (RHS)



Tulu Kapi Summary Economics



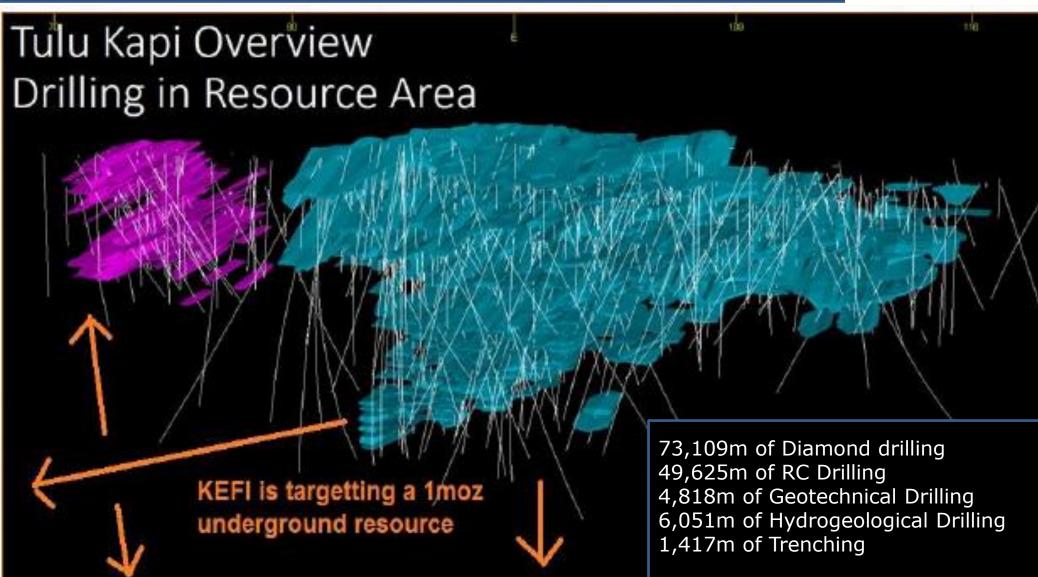


TK Stats 100% Basis	At Gold \$1,641/oz	At Gold \$1,940/oz
Production Profile		
Material Mined (Thousands Tonnes per Annum)	18,846	18,846
Ore Mined (Thousands Tonnes per Annum)	2,629	2,629
Waste Mined (Thousands Tonnes per Annum)	16,217	16,217
Strip Ratio	6.17	6.17
Average Grade Delivered to Plant (grammes per tonne)	2.15	2.15
Average Quantum Processed (Thousands Tonnes per Annum)	1,989	1,989
Average Recovery in Plant	93.73%	93.73%
Production Thousands Ounces per annum first 7 years	144.3	144.3
IRR & Valuations Based on 2021 Resources Only		
Leveraged NPV8% @ Construction Start 1 (USD Millions)	145.9	312.6
Leveraged NPV8% @ 2026 (USD Millions)	356.6	547.1
EBITDA (Average of first 7 production years) (USD Millions)	126.7	172.8
Enterprise Valuation @ 3.5x Average EBITDA (USD Millions)	443.5	604.9
Cash Cost Metrics		
All In Sustaining Costs (AISC US\$/oz)	935	956
All In Costs (AIC US\$/oz)	1,177	1,198
Breakeven Cost - inc everything e.g. debt repayment, taxes (US\$/oz)	1,210	1,288
Qtrly Ratios Senior Debt (Pre-Sweep)		
Loan Life Coverage Ratio Min	3.72x	4.73x
Loan Life Coverage Raitio Ave	6.48x	8.30x
Balance Sheet / P&L Ratios		
Net Debt to EBITDA Max	1.41x	0.76x
Free Cash Flow to Interest Min	3.76x	5.07x
Reserve Tail Against Open Pit Only		
Reserve Tail Ratio - All Debt (Pre-Sweep)	22%	22%
Reserve Tail Ratio - All Debt (Post-Sweep)	50%	59%
Cash Balances & Inventory		
Cash Built up in TK over life of mine (USD Millions)	508.1	764.3
Cash at Bank plus gold in ore stocks in TKGM at end of Year 3 (USD Millions)	180.3	280.6
Taxation Metric		
Corporate Income Tax paid by TK (USD Millions)	76.8	163.4
Royalties paid by TK (USD Millions)	136.3	161.2
Total Taxes (excluding social & taxes) (USD Millions)	213.0	324.6



130,000 metres of Drilling Significant Underground Potential







We have Uncovered and Sampled the Deposit







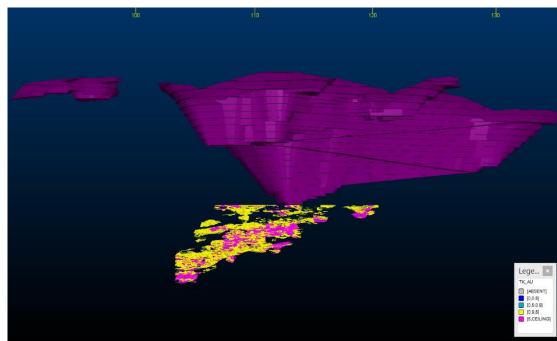
We Fully Designed the Mine and Process Plant





Above: 3-D image of plant designed for Tulu Kapi

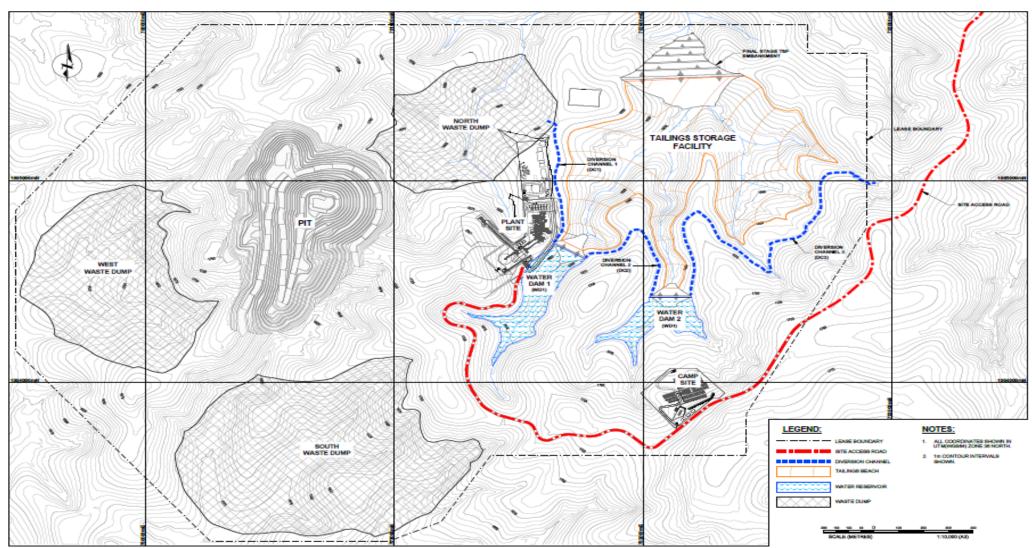
Below: 3-D image of open pit and underground deposit





Tulu Kapi Site Surface Layout

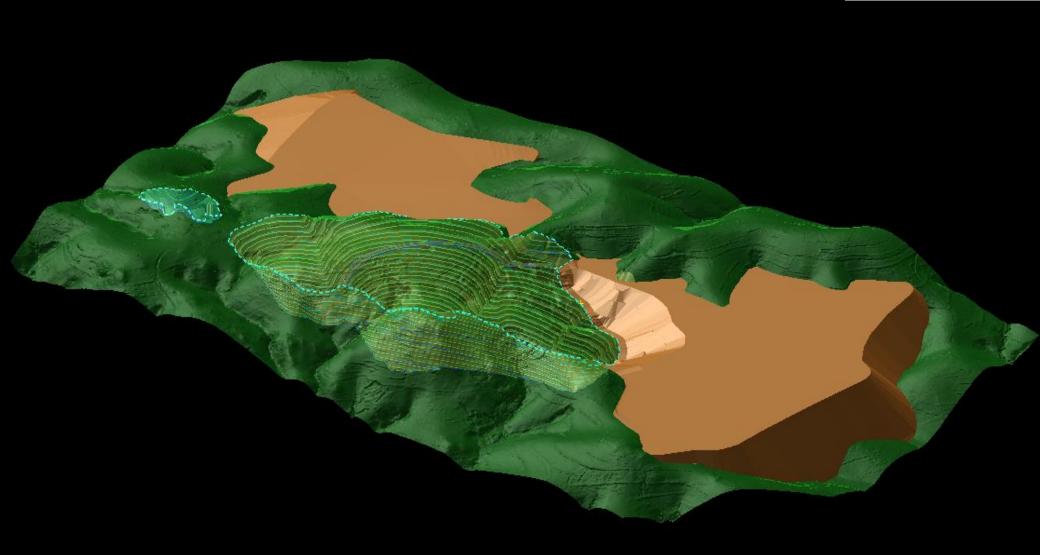






Tulu Kapi Site Open Pit at Surface Showing Adjacent Waste Dumps for Revegetation

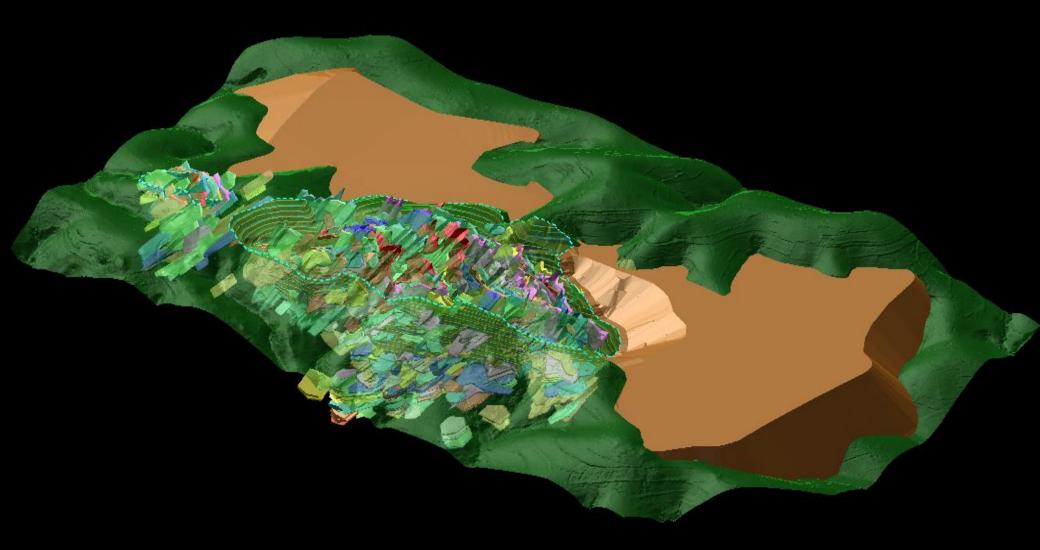






Tulu Kapi Open Pit Unveiling Mineralised Zones Below Surface In-fill Drilling To Commence During Construction

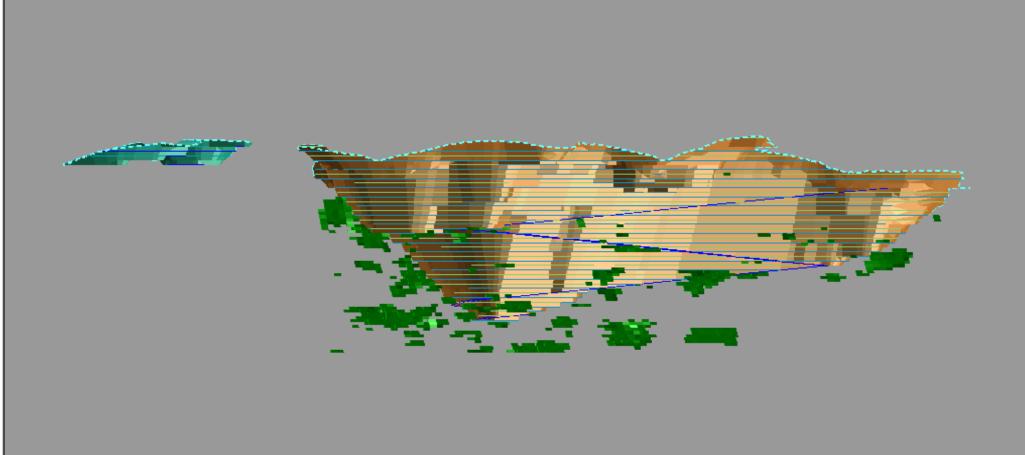






Underground Development to Access Ore Outside Open Pit and to Drill Extensions of the System from Underground











Saudi Arabia

2 Advanced Projects - Jibal Qutman Gold and Hawiah Copper-Gold Plus a Large Regional Portfolio





Saudi Projects

2023 Expected Milestones:

Jibal Qutman

- DFS
- Mining Licence
- Financing
- Start Construction
- Expand Resources

Hawiah

- PFS
- Trigger DFS
- Expand Resources

Regional Targets:

Initial Prospecting

G&M (ARTAR) holds 15 exploration licences and further applications (ELA's) covering +1000 km²





Comparison of Key Advanced Mining Projects in Saudi Arabia



	AMAK	GMCO Hawiah OP + UG	
Copper-Gold Mine/Project	Al Masane UG		
Mineral Resources	8.6Mt @ 1.0% Cu, 5.0% Zn, 1.0g/t Au, 38g/t Ag	29Mt @ 0.89% Cu, 0.94% Zn, 0.7g/t Au, 10g/t Ag	
Processing Plant	0.8Mtpa Operating	2.0Mtpa PFS	
Gold Mine/Project	Jabal Guyan OP	Jibal Qutman OP	
Mineral Resources	2.6Mt @ 2.9g/t Au, 242 Koz	28.4Mt @ 0.8g/t Au, 733Koz Au	
rocessing Plant 0.3Mtpa Operating		2.0Mtpa DFS	

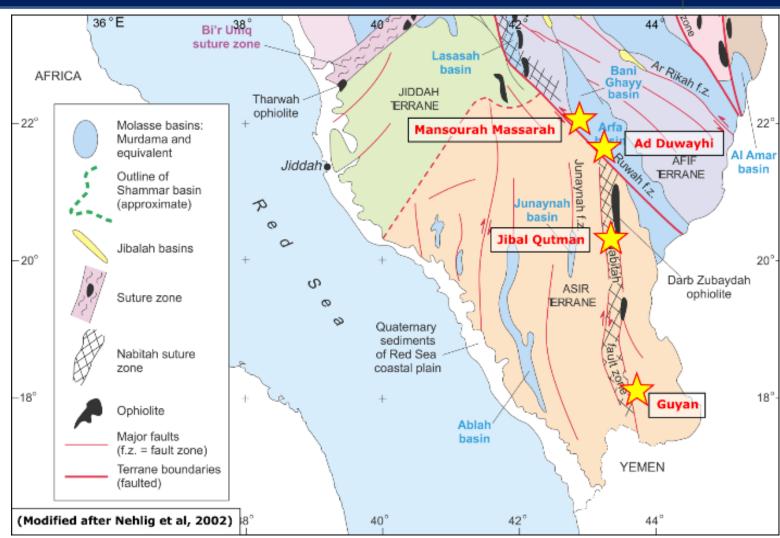
- AMAK (Al Masane Al Kobra Mining Company) is listed on Saudi Stock Exchange and has a market cap of \$1.3 billion
- KEFI is listed on AIM with a market cap of only \$38 million
- KEFI owns 30% of GMCO and also owns the 1.7Moz Tulu Kapi Gold Project
- Hawiah has lower grades to Al Masane but a 3X larger resource
- Jibal Qutman resource has 3X more ounces of gold



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).
- Three EL's cover 270km² of prospective strike
- Proposed Mining Licence application area covers 26km²
- 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.

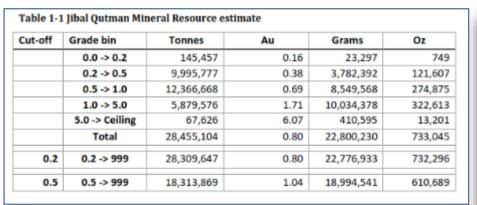


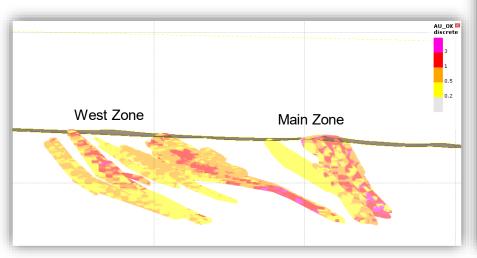


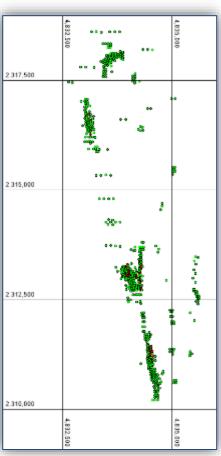
Jibal Qutman Geology and Resource



- Typical shear-hosted orogenic gold deposit comprising a weathered oxide zone and lower unweathered fresh ore body
- Resources are currently constrained to 7 open-pits
- Resource drilling has so far only been explored to a depth of ~125m and the orebody is open at depth





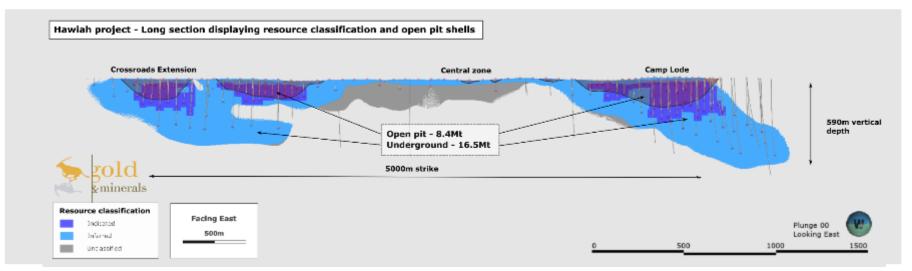




Hawiah Copper-Gold Project

Resource Statement and Classification





- Major greenfield discovery made in September 2019
- 42,000m drilling programme over 3 years
- Mineral Resource of:
 29Mt at 0.9% copper, 0.9% zinc, 0.67g/t gold and 10.1g/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 Saudi Arabia and is targeted to be brought into production in 2027

	2021	2022
Total Resource	24.9	29.0
Cu Grade (%)	0.9%	0.9%
Au Grade (g/t)	0.62	0.67
Indicated Resource (Mt)	10.9	12.4
Inferred Resource (Mt)	14.0	16.5
Open Pit Resource (Mt)	8.4	11.1
Open Pit Grade (Cu %)	0.9%	0.9%
Open Pit Grade (Au g/t)	0.74	0.81
Oxide Resource (Mt)	0.7	1.2
Oxide Grade (Au g/t)	1.5	2.1
Transition Zone Resource	2.3	2.7
Transition Zone Grade (Cu %)	1.3%	1.2%

MRE as reported by MSA (Dec 2022) and SRK (UK) Dec 2021

Note 1 - Resource Price (2022 MRE reported by MSA) = \$9350 copper, \$3,300 zinc, \$1820 gold and \$26 silver

Note 2 - Resource Price (2021 MRE reported by SRK (UK)) = \$9200 copper, \$3,000 zinc, \$1820 gold and \$25 silver



Thank You





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