## **KEFI Gold and Copper plc**

**Corporate Presentation** 

November 2020

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### Highlights



#### Tuku Kapi (Gold), Ethiopia:

- Funding consortium completed for US\$221M, subject to due diligence expected to be completed 4Q20. Consortium includes major industrial and commodity groups and African banks *(see note 1 on Slide 12)*
- KEFI beneficial interest now expected to be 65%, up from 45% previously and lifting the NPV attributable to shareholders by ~33%
- Underground development to be accelerated, targeting start-up by Year 3 of open pit mining, and lifting production to ~190,000 oz pa

Hawiah (Copper-Gold), Saudi Arabia: Resource expansion drilling planned after recent positive PEA

**Q4-2020 Milestones:** Tulu Kapi funding details confirmed by/for all consortium parties, Tulu Kapi district exploration licences granted, Hawiah deeper drilling to report orebody extensions

### **Corporate Overview**

#### Summary

- KEFI was until recently grassroots explorer and is now an explorer, developer and hands-on operator of mining joint ventures with influential and strong local partners in the Arabian-Nubian Shield
- KEFI has 3 Projects containing sizeable JORC Resources, all open at depth and providing a pipeline for growth. Mkt Cap is c. \$30/oz Au-equivalent on current JORC resources, with significant additional resource potential
- KEFI's beneficial interest in Tulu Kapi until recently was to be 45% and is now being lifted to c. 65%
- KEFI's market cap is 20% of Tulu Kapi NPV<sub>8%</sub> at \$1,700/oz (14% at \$2,000)

| Key Tulu Kapi Metrics @ \$1,700/oz           |        |        |  |  |  |  |
|--|--------|--------|--|--|--|--|
| 100% TK 65% TK                               |        |        |  |  |  |  |
| NPV <sub>8%</sub> – open pit + underground   | \$406M | \$264M |  |  |  |  |
| EBITDA – open pit only \$95M p.a. \$62M p.a. |        |        |  |  |  |  |

Footnote: NPV is internally derived using independently created financial models of net cash flows after tax and debt service, based on DFS for open pit and PEA for underground mine

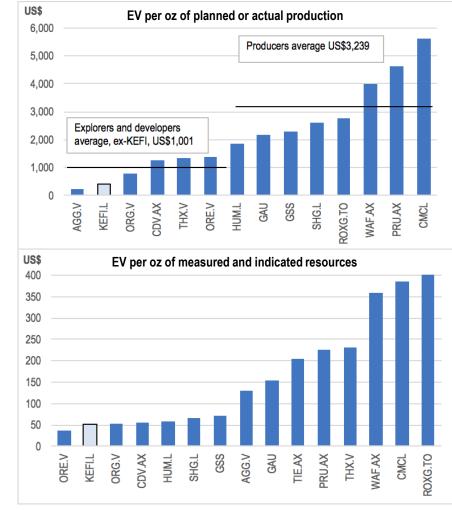
| Summary                      |                     |          |  |  |  |  |
|------------------------------|---------------------|----------|--|--|--|--|
| AIM code                     | KEFI                |          |  |  |  |  |
| Share price - 12 mth         | 0.51p (low)/2.99    | p (high) |  |  |  |  |
| Share price                  | 1.7p                |          |  |  |  |  |
| Share turnover in 12 mths    | >200%               |          |  |  |  |  |
| Shares in issue              | 1,876M              |          |  |  |  |  |
| Market cap                   | £41M (c. \$53M)     |          |  |  |  |  |
| Nomad                        | SP Angel            |          |  |  |  |  |
| Shareholders over 7% exclud  | ding nominee sharel | nolders  |  |  |  |  |
| RAB Capital and related part | ties                | 12%      |  |  |  |  |
| Management, Partners, and    | Contractors circ.   | 7%       |  |  |  |  |
| Analyst Coverage             |                     |          |  |  |  |  |
| Brandon Hill Capital & SP A  | ngel                |          |  |  |  |  |
| Edison                       |                     |          |  |  |  |  |
| Orior Capital                |                     |          |  |  |  |  |

Footnote: Share data correct as of 4 November 2020

## **KEFI Pursues Significant Value Generation**

- KEFI is trading at ~US\$400/oz planned production versus >US\$3,000/oz for producers
- KEFI is trading at just US\$44/oz on measured and indicated resources and US\$30/oz including inferred resources (all 3 projects)
- There is upside resources potential through 2021-2022 with exploration in Ethiopia at Tulu Kapi underground and in the surrounding district and in Saudi Arabia at Hawiah
- Parallel business activity streams pursue significant value generation:
  - Successful development of Tulu Kapi
  - Reserve and resource upgrades in Ethiopia and Saudi Arabia
  - Exploration

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Source: Orior Capital estimates for Tulu Kapi only

# KEFITulu Kapi Mineral Resources and<br/>Ore Reserves



| Resource<br>Category | Area         | Tonnes<br>(millions) | Gold<br>(g/t) | Contained Gold<br>(million ounces) |
|----------------------|--------------|----------------------|---------------|------------------------------------|
| Indicated            | Above        | 17.7                 | 2.49          | 1.42                               |
| Inferred             | 1,400 metres | 1.3                  | 2.05          | 0.08                               |
| Sub-Total            | RL           | 19.0                 | 2.46          | 1.50                               |
| Indicated            | Below        | 1.1                  | 5.63          | 0.20                               |
| Inferred             | 1,400 metres | 0.1                  | 6.25          | 0.02                               |
| Sub-Total            | RL           | 1.2                  | 5.69          | 0.22                               |
| Indicated            |              | 18.8                 | 2.67          | 1.62                               |
| Inferred             | Overall      | 1.4                  | 2.40          | 0.10                               |
| Total                |              | 20.2                 | 2.65          | 1.72                               |

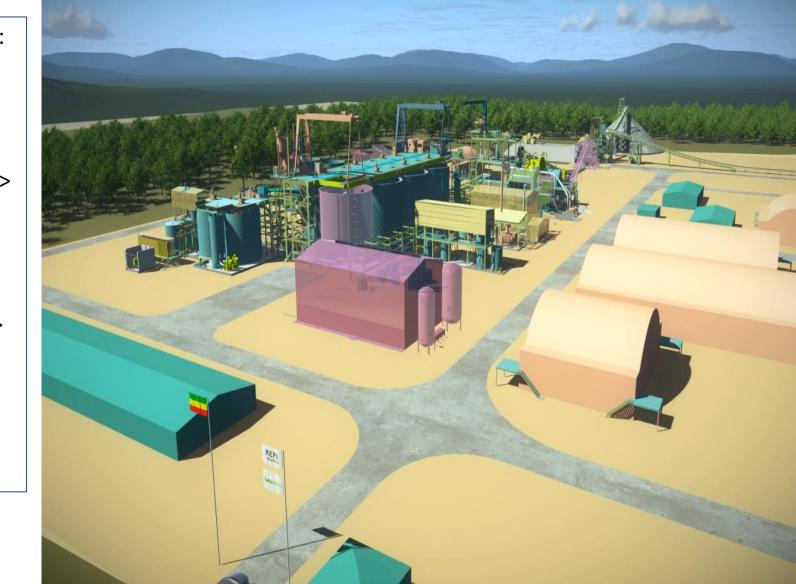
| Reserve<br>Category   | Cut-off<br>(g/t gold) | Tonnes<br>(millions) | Gold<br>(g/t) | Contained Gold<br>(million ounces) |
|-----------------------|-----------------------|----------------------|---------------|------------------------------------|
| Probable - High grade | 0.90                  | 12.0                 | 2.52          | 0.98                               |
| Probable - Low grade  | 0.50 - 0.90           | 3.3                  | 0.73          | 0.08                               |
| Total                 |                       | 15.3                 | 2.12          | 1.06                               |

Resources were estimated using cut-off grades of 0.45g/t gold above 1,400m RL and 2.50g/t gold below 1,400m RL. Mineral Resources were split above and below the 1,400m RL to reasonably reflect the portions of the resource that may be mined via open pit and underground mining methods.

The Tulu Kapi Ore Reserves were based on the Indicated Resource above 1,400m RL and total 15.4 million tonnes at 2.12g/t gold, containing 1.05 million ounces. The high-grade portion of the Ore Reserve contains nearly all the contained ounces and totals 12.0 million tonnes at 2.52g/t gold, containing 0.98 million ounces. This split shows that 78% of the ore tonnes and 93% of the contained gold is contained in the higher-grade zones of the Ore Reserve which are processed preferentially in the eight production years.

### Tulu Kapi Process Plant 3-D Image





Construction Schedule:

Q4-20: Final contracts for plant & mine

Q1-21: Resettlement >> Procurement >>

Q2-21: Earthworks >>

Q3-21 Process Plant >>

Q2-22 Mining >>

Q4-22 Commissioning

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### Tulu Kapi Open Pit Tulu Kapi Deeps



130

Resource grades are 2.46g/t Au for open pit and 5.69g/t Au for the underground

100

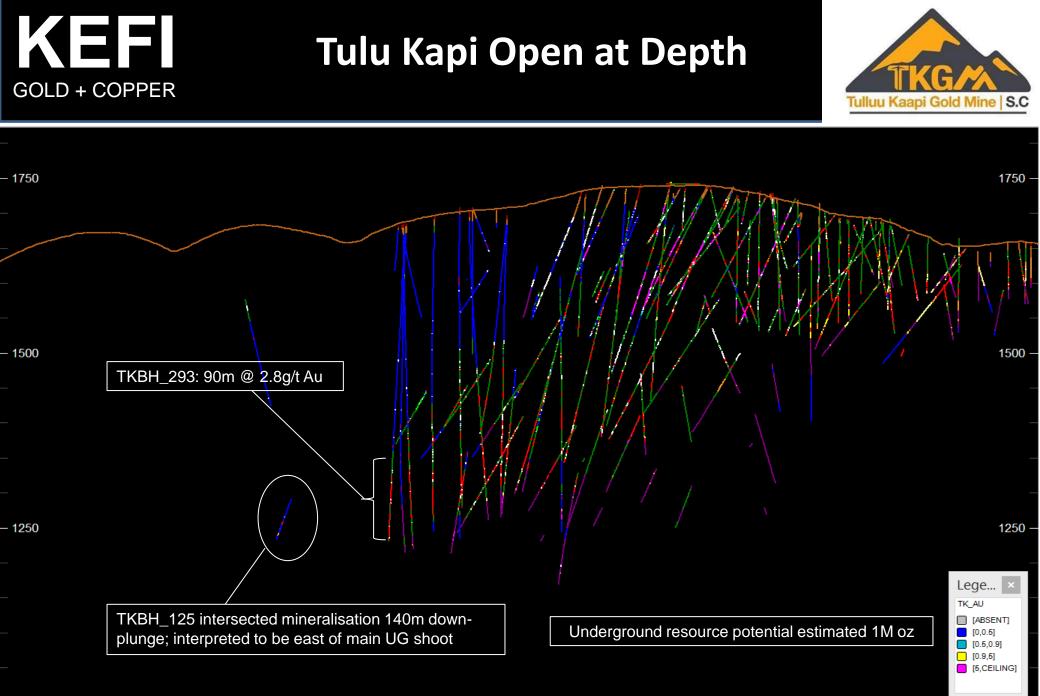
The average grade of ore processed will be increased when the two sources are blended

A DFS on mining the deeps is planned during construction

Mineralisation below the open pit remains open, >1.5g/t Au in yellow and > 5.0g/t Au in pink

120

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- 1000

### Tulu Kapi Gold Project in Oromia Region



First modern mine in Ethiopia; construction ready

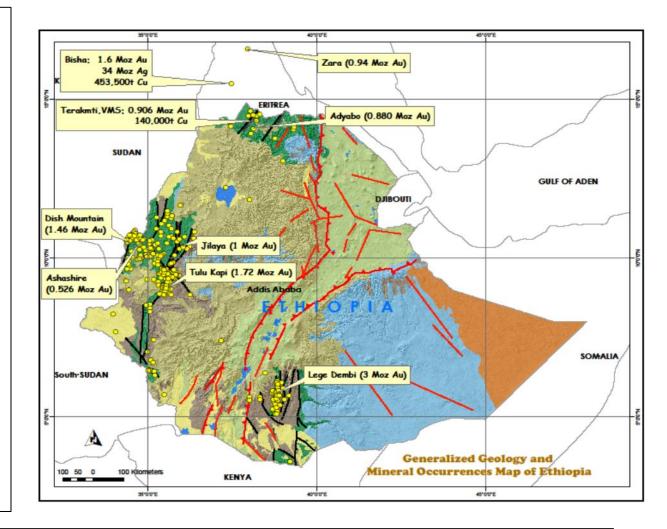
Governments of Ethiopia and Region of Oromia own c.20% including 5% free carry interest

Located in largest gold district, which has been mining gold since antiquity

Main industry in the area is coffee

No artisanal mining (microscopic gold particles)

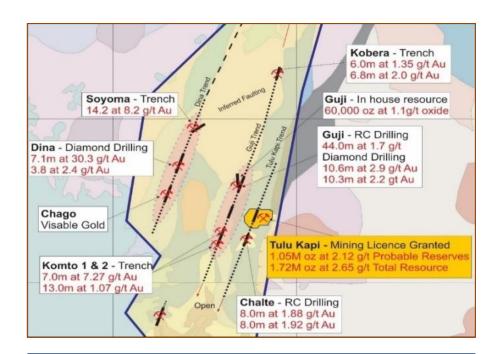
```
First production expected 4Q-22
```



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## Tulu Kapi District Exploration Potential

- 1,120 km<sup>2</sup> highly prospective exploration area reserved for KEFI Ethiopia (100% KEFI)
- 24km of mineralised strike identified along two trends parallel to the Tulu Kapi Trend
- Within trucking distance of Tulu Kapi plant
- High-grade gold results include 6m @
  3.98g/t at Guji, 14.2m @ 8.2g/t at Soyoma
- Initial metallurgical results demonstrated high recoveries of 94% at Komto 2 prospect
- Initial target is to identify 300-500 koz Au at 1.5g/t as additional feed to the Tulu Kapi plant, or to be heap leached
- This could add ~50,000 oz pa to production at low cost



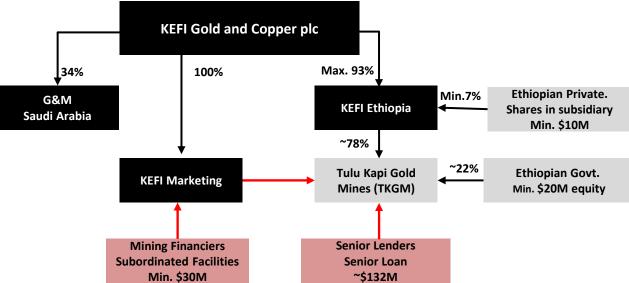
Highly favourable geology around Tulu Kapi

#### Field work to re-commence during construction at Tulu Kapi



### **Organisation and Funding Structure**

Final Requirements and Allocations being finalised within Consortium



1. Based on the independently reviewed TKGM capital requirement of \$US221M and c. \$140M being sourced from senior and subordinated debt. The balance of c. \$80M project equity would be sourced from the combination of the Ethiopia and Oromia Governments and KEFI Group. The KEFI Group component would be expected to be sourced in a number of ways which comprise: Local Investors and Mining Financiers equity subscription to KEFI subsidiaries KEFI Ethiopia and KEFI Marketing plus raising by KEFI Minerals PLC in the form of the Placing in November 2020, Loan Facilities on Offer and a Rights Issue at the time of settlement by all consortium members. These commitment remain non-binding.

2. KEFI's share subscription to TKGM is planned to be sourced from the share issues by KEFI Ethiopia of minimum \$10M.

3. The likely outcome is with KEFI at c. 65% beneficial ownership of TKGM, lower than the 73% (93% of 78%) implied in the illustrative table above which reflects minimum commitment levels by consortium members pending determination with senior lenders.

### Recent Financings at Tulu Kapi Value Accretive to Shareholders

- Tulu Kapi stake attributable to shareholders likely increased by one-third through financing
- Including the acceleration of the underground development, production oz attributable to KEFI shareholders has essentially doubled (from 45% of 140,000 oz to 65% of ~190,000 oz)

| Tulu Kani Cald Draiast                                  | Assumed Long-Term Gold Price |              |              |  |  |
|---|------------------------------|--------------|--------------|--|--|
| Tulu Kapi Gold Project                                  | US\$1,400/oz                 | US\$1,700/oz | US\$2,000/oz |  |  |
| NPV's for 100% of Project reported at KEFI 2020 AGM     |                              |              |              |  |  |
| US\$ Millions   | 236                          | 422          | 607          |  |  |
| GBP Millions  | 189                          | 337          | 485          |  |  |
| NPV's for 45% of Project reported at KEFI 2020 AGM      |                              |              |              |  |  |
| US\$ Millions   | 105                          | 190          | 273          |  |  |
| GBP Millions  | 85                           | 152          | 218          |  |  |
| NPV's for 100% of Project updated for Funding Structure |                              |              |              |  |  |
| US\$ Millions   | 238                          | 406          | 573          |  |  |
| GBP Millions  | 181                          | 310          | 438          |  |  |
| NPV's for 65% of Project updated for Funding Structure  |                              |              |              |  |  |
| US\$ Millions   | 154                          | 264          | 373          |  |  |
| GBP Millions  | 118                          | 201          | 284          |  |  |





### **Saudi Arabian Projects**

View a video summarising KEFI's projects in Saudi Arabia here





### Hawiah is a World Class VMS Project



- Hawiah is held through the KEFI-ARTAR JV (G&M): KEFI is the operator and owns 34%
- Located in the Wadi Bidah Mineral District, a 120 km VMS belt hosting >20 known deposits
- Maiden resource of 19.3Mt @ 0.9% Cu, 0.8% Zn, 0.6g/t Au and 10.3g/t Ag (Cu-equivalent grade of ~1.9% at current prices) declared after just 7 months of drilling (70 holes, 12,027m)
- PEA released Sept 2020 demonstrated a post-tax NPV<sub>8</sub> of US\$96M at August metals prices and an IRR of 22% based on ~70% of the maiden resource
- Further exploration success could yield substantial upside; doubling the size of the resource could lift the NPV<sub>8</sub> to US\$362M at the same prices

| Mineral                   |                            |           | Grade     |             |             | Metal Content |            |             |             |       |
|---------------------------|----------------------------|-----------|-----------|-------------|-------------|---------------|------------|-------------|-------------|-------|
| Resource Type<br>Category | (Mt)                       | Cu<br>(%) | Zn<br>(%) | Au<br>(g/t) | Ag<br>(g/t) | Cu<br>(kt)    | Zn<br>(kt) | Au<br>(koz) | Ag<br>(koz) |       |
|                           | Oxide,<br>Open Pit         | 0.1       | 0.1       | 0.03        | 1.7         | 3.9           | 0.1        | 0.04        | 7           | 16    |
| Inferred                  | Transition,<br>Underground | 2.0       | 1.1       | 0.8         | 0.7         | 12.0          | 21         | 16          | 45          | 763   |
|                           | Fresh,<br>Underground      | 17.2      | 0.9       | 0.8         | 0.5         | 10.1          | 147        | 141         | 297         | 5,595 |
|                           | Total                      | 19.3      | 0.9       | 0.8         | 0.6         | 10.3          | 168        | 157         | 349         | 6,373 |

For further information, refer KEFI announcements "Maiden Hawiah Resource" dated 19 August 2020 and "PEA Confirms Hawiah as a High Priority 15 Project" dated 22 September 2020.

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### **Key Hawiah PEA Outcomes**



- High priority VMS project to be advanced via further drilling, met testwork and studies
- Mining underground long-hole open stoping
- Processing two-stage flotation to produce separate copper and zinc concentrates, plus production of gold dore

| Summary of PEA Economics              |
|---------------------------------------|
| (Base case, August 2020 metal prices) |

| Ore Processing Rate                               | 2.0Mtpa     |
|---|-------------|
| Life of Mine                                      | 7 years     |
| Average Operating Costs - Annual                  | \$79m p.a.  |
| Revenue - Annual                                  | \$153m p.a. |
| Average All-in Sustaining Costs - Annual          | \$85m p.a.  |
| Steady-State Net Free Cash Flow – Annual, pre-tax | \$67m p.a.  |
| After-tax NPV (8% discount rate)                  | \$96m       |
| After-tax IRR                                     | 22%         |
| Pre-production Capital Expenditure                | \$222m      |

|                    | Copper     | Zinc       | Gold       | Silver     |
|--------------------|------------|------------|------------|------------|
| August 2020 Prices | \$6,603/t  | \$2,315/t  | \$1,956/oz | \$27.5/oz  |
| RoM Grade          | 0.87%      | 0.78%      | 0.53g/t    | 9.9g/t     |
| Overall Recoveries | 87%        | 85%        | 69%        | 69%        |
| Payable Metal      | 95.5%      | 85%        | 90%        | 90%        |
| Annual Net Revenue | \$79m p.a. | \$20m p.a. | \$44m p.a. | \$11m p.a. |
| % of Total Revenue | 52%        | 13%        | 28%        | 7%         |

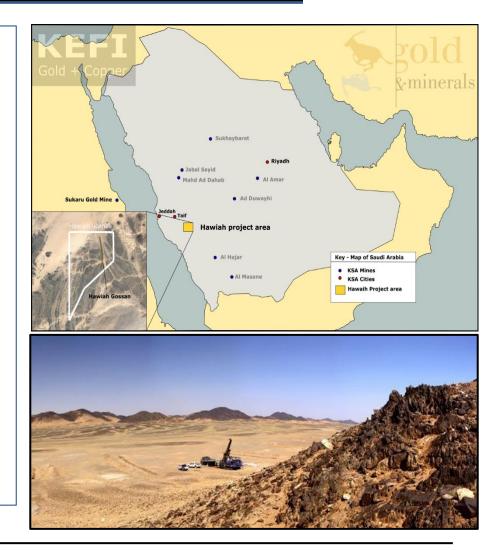
#### **Components of PEA Revenue**

- Next drilling program seeking to double the maiden resource
- Additional 20Mt resource at average grade of the Camp Lode would increase after-tax NPV to \$362M

### Hawiah - Further Drilling Likely to Increase Maiden Resource



- Exploration focus has been under a 4.5km long gossan, drilled over 4.5km, to a depth of just 350m so far
- Three mineralisation zones: oxide zone near surface with supergene gold enrichment, a transition zone with copper, and a massive sulphide body
- Deposit remains open at depth and along strike
- Next phase of drilling is aiming to extend the Camp Lode at depth where previous drilling has indicated strong Cu grades averaging 1.3% Cu below the 1070RL depth level, with good widths. (N.B. all previous drilling is within the current resource model)
- Targeting a PFS by Q4-21





### Hawiah Key Drill Intercepts



- Good copper grades at depth at Camp Lode, and elevated gold near surface in Central area
- Crossroads Extension contributed substantially to the maiden resource; adding resource at depth at Camp Lode expected to enhance the overall resource grade

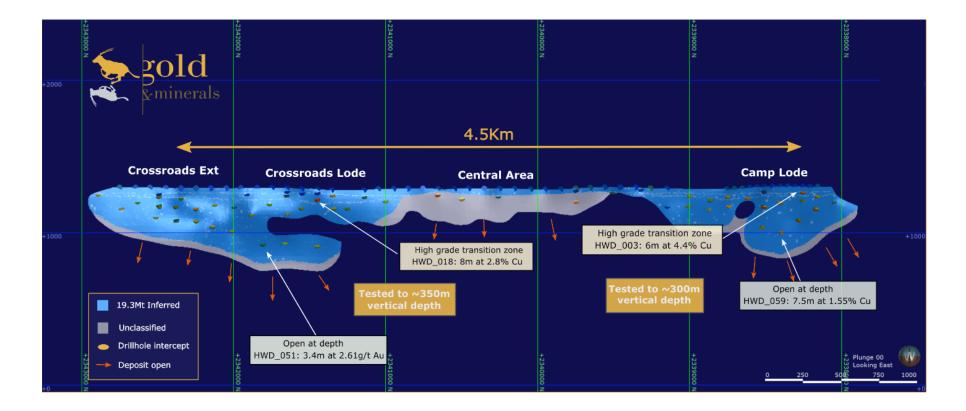
| Hole ID              | Total Depth | From  | Interval | True Width | Cu   | Zn   | Au   | Ag    |
|----------------------|-------------|-------|----------|------------|------|------|------|-------|
|                      | m           | m     | m        | m          | %    | %    | g/t  | g/t   |
| Camp Lode            |             |       |          |            |      |      |      |       |
| HWD_003              | 60.3        | 38.7  | 8.8      | 6.0        | 4.40 | 1.50 | 0.65 | 15.60 |
| HWD_005              | 389.6       | 358.6 | 12.4     | 9.0        | 1.27 | 1.12 | 0.66 | 14.13 |
| HWD_059              | 350.5       | 321.3 | 14.6     | 8.7        | 1.55 | 1.03 | 0.36 | 11.80 |
| Central Area         |             |       |          |            |      |      |      |       |
| HWD_006              | 40.0        | 14.2  | 5.7      | 4.0        | 0.06 | 0.09 | 3.09 | 5.70  |
| HWD_008              | 44.6        | 12.2  | 3.9      | 3.0        | 0.18 | 0.25 | 3.90 | 5.9   |
| Crossroads Lode      |             |       |          |            |      |      |      |       |
| HWD_018              | 106.1       | 73.0  | 12.7     | 8.0        | 2.77 | 0.14 | 0.83 | 13.62 |
| HWD_022              | 47.4        | 23.4  | 8.0      | 7.0        | 0.02 | 0.01 | 3.80 | 58.50 |
| Crossroads Extension |             |       |          |            |      |      |      |       |
| HWD_042              | 167.5       | 134.1 | 19.3     | 13.5       | 0.66 | 0.82 | 0.66 | 12.79 |
| HWD_061B             | 165.1       | 135.2 | 14.4     | 11.0       | 0.50 | 0.86 | 0.71 | 9.01  |
| HWD_067              | 76.5        | 47.5  | 13.0     | 7.2        | 0.13 | 0.10 | 7.78 | 18.85 |

For further information, refer KEFI RNS "Maiden Hawiah Resource" dated 19 August 2020 and 3Q20 operational update, 23 October, 2020.



### Hawiah Long Section Looking East





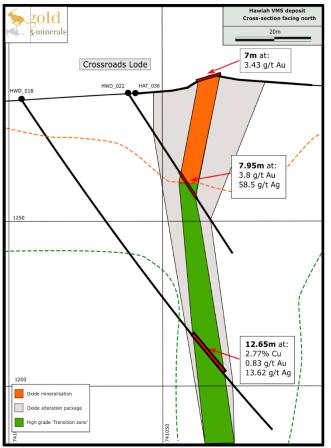
Long section showing extent of VMS mineralisation as currently identified and defined Strong Cu grades at depth in Crossroads and Camp Lodes



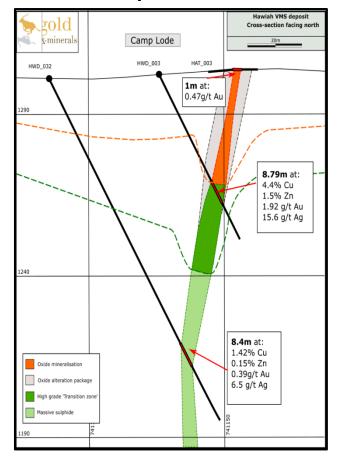
### Hawiah Cross Sections Looking North Showing Good Correlation between Holes



#### **Crossroads Lode**



#### **Camp Lode**



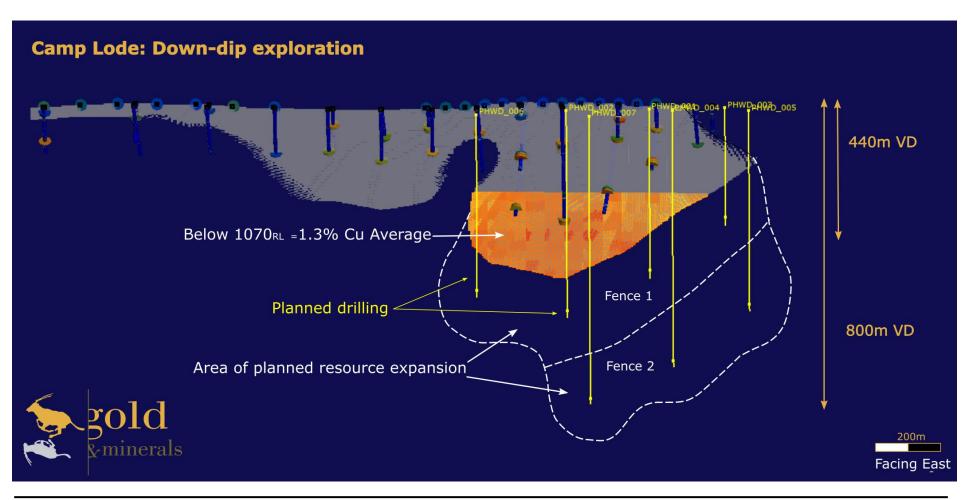
So far, Hawiah has only been drilled to a depth of 350m



### **Hawiah Planned Drilling**



High-grade zones outside of resource to be targeted in next drilling phase





### Jibal Qutman Maiden Mineral Resources



Mesothermal or orogenic quartz vein hosted gold deposit located in the Asir Terrane in the central southern region of the Arabia-Nubian Shield, ~110km east northeast of Bisha City

|         | Category    | Tonnes<br>(millions) | Gold<br>(g/t) | Contained Gold<br>('000 ounces) |
|---------|-------------|----------------------|---------------|---------------------------------|
|         | Indicated   | 8.3                  | 0.86          | 229                             |
| Oxide   | Inferred    | 2.8                  | 0.64          | 58                              |
|         | Sub-Total   | 11.1                 | 0.80          | 287                             |
|         | Indicated   | 9.7                  | 0.86          | 269                             |
| Sulfide | Inferred    | 7.6                  | 0.72          | 176                             |
|         | Sub-Total   | 17.3                 | 0.80          | 446                             |
| Oxide   | Indicated   | 18.0                 | 0.86          | 498                             |
| +       | Inferred    | 10.4                 | 0.70          | 235                             |
| Sulfide | Grand Total | 28.4                 | 0.80          | 733                             |

The oxide gold mineralisation contained in the above Mineral Resource is estimated to total

11.1 million tonnes at 0.80g/t gold, containing 287,000 ounces

### **KEFI** GOLD + COPPER Hawiah ridgeline with drill rig in background





Email: info@kefi-minerals.com



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