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# New mines for a new world

# **Royal** Road

Creating value Making a difference

www.royalroadminerals.com

## **Cautionary statement**

This presentation contains projections and forward-looking information about Royal Road Minerals Ltd ("Royal Road" or the "Company") that involve various risks and uncertainties regarding future events. Such forward-looking information can include, without limitation, statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Company. These risks and uncertainties could cause actual results and the Company's plans and objectives to differ materially from those expressed in the forward-looking information. Actual results and future events could differ materially from those anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice.

The Company assume no obligation to update forward-looking information should circumstances or management's estimates or opinions change. This presentation does not constitute an offer to sell or a solicitation of an offer to buy any securities of the Company within the United States or otherwise.



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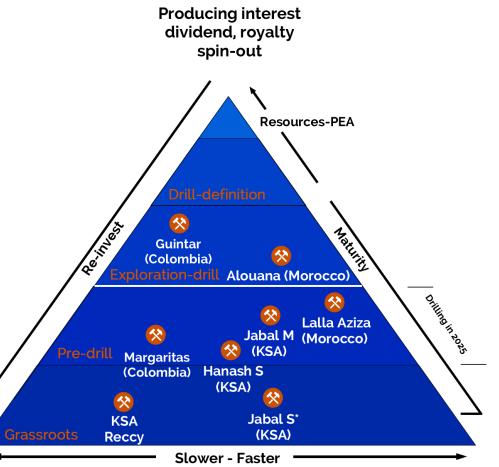
#### **Our Purpose**

We create value, positively affect communities and protect the environment, whilst benefitting supportive host nations by discovering and developing the resources the world needs

#### **Our Strategy**

We seek economic deposits with short development timelines, demonstrably supportive jurisdictions, prominent local partners and patient and aligned financial partners

We aim for cash-paying interests in multiple copper and gold assets in supportive jurisdictions



\* Wadi Raiel, Umm al Harjan, Ash Shajjah

## **Royal Road Arabia**

50-50 partnership with MIDU Company Limited, a Saudi Arabian investment holding company with interests across various sectors including mining, industrial, real estate development, & utilities



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## **Royal Road Arabia**

#### Saudi Arabia

Jabal Sahabiyah copper and gold exploration licenses at drill preparation stage

#### Morocco

**Alouana**, copper-goldpolymetallic system at scout drilling stage



licensing process

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#### KSA: Vision 2030

The Kingdom of Saudi Arabia has embarked on an ambitious initiative of economic and social reform, it is using its investment power to create a more diverse and sustainable economy. The country wishes to increase non-oil GDP from 16% to 50% and the mining sector is seen as a key component of this goal



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royalties for local sales

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## **Arabian Shield and RRA licenses**

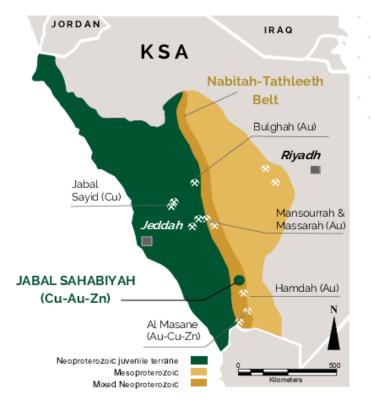
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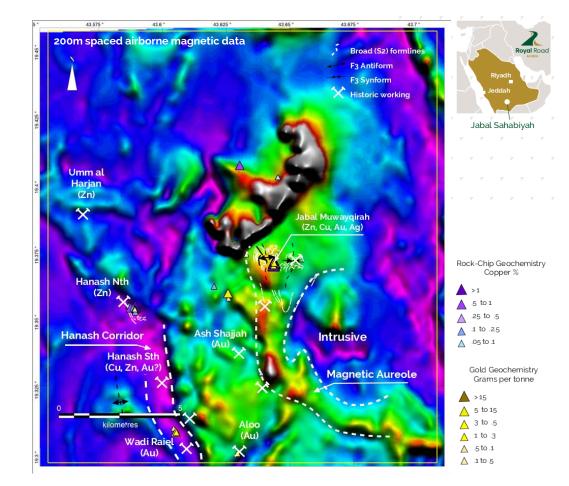
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- Conceptually young and prospective exploration and mining environment with good access and exposure
- RRA has been awarded one tender license area:
  - Jabal Sahabiyah: Awarded June 2024. 284km<sup>2,</sup> copper-gold-zinc mineralized gossans and vein-gold occurrences related to intrusives
- The Company has submitted several exploration license applications over exciting field-verified copper-gold targets



## Jabal Sahabiyah

- Interpreted thermal aureole intrusionrelated system emplaced at or close to a mid-crustal detachment. Multiple prospects
- 10km long, polydeformed magnetic aureole around a central intrusive core
- West of the magnetic aureole are kilometer-scale gold veins and occurrences of polymetallic gossan in a discrete magnetic low.
- Drilling was carried out by Riofinex (Rio Tinto Zinc) during the late 1970's on various prospect areas (not systematically assayed for gold) and Ma'aden drilltested gold-veins at Wadi Raiel in 2007 (results not available)

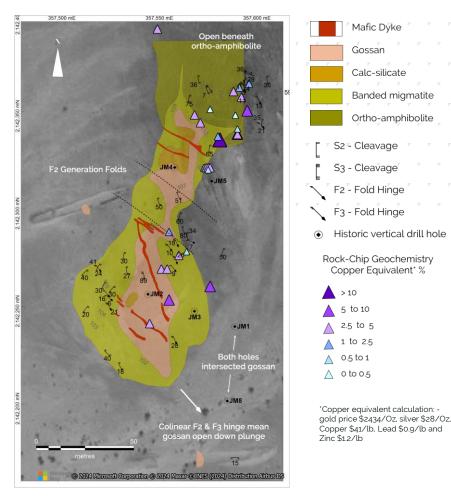




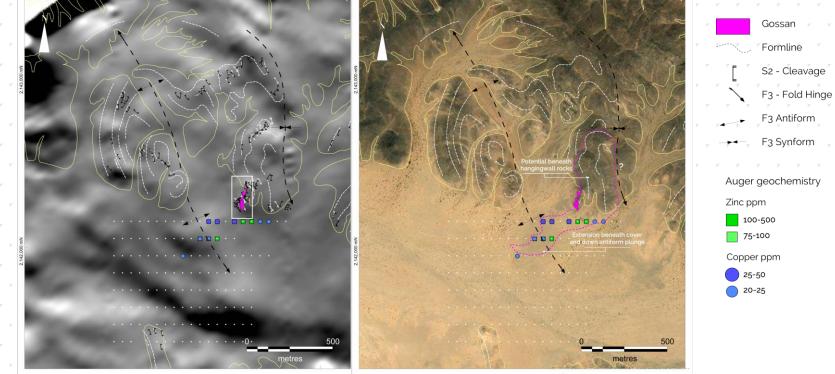
#### Jabal Muwayqirah (Jabal Sahabiyah Tender License)

• Occurrences of gossan discovered by Riofinex in the late 1970's.

- Limited shallow (open hole) drilling intersected zinc, copper and lead mineralization on the gossan and under recent cover. Not assayed for gold. Best intersection JM4, 14 meters at 0.56% copper, 5.1% zinc and 0.67% lead (from surface). Southeasternmost drillhole JM8, intersected 3.5 meters at 0.22% copper, 1.3% zinc and 1.7% lead
- RRA grab rock-chips returned anomalous gold, copper, silver, lead and zinc. Up to 16.5% copper equiv (Avge 3.8%) and 18.9 g/t gold equiv (Avge 4.3 g/t)



357.000 mE



357.000 mE

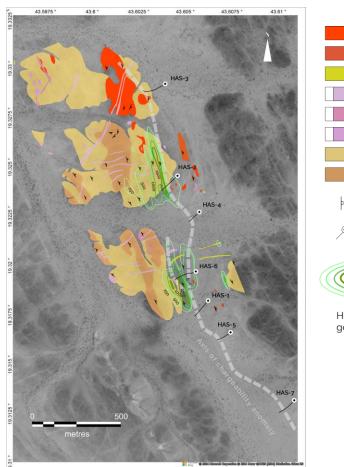
Drone-borne magnetics, structural framework mapping and auger sampling, indicates that the Jabal Muwayqirah gossan extends for approximately 500m under cover towards the southwest around the southeast plunging hinge of an (F3-generation) antiform

358.000 mE



#### Hanash South (Jabal Sahabiyah Tender License)

- 2.3 km long IP chargeability anomaly located entirely under recent cover adjacent to outcropping gossan
- Gossans identified by Riofinex in late 1970's, conducted soil geochemistry and IP. Drilled 7-holes all collared in the wadi
- Mineralization, disseminated ironsulphides up to 12% zinc, copper approximately 0.3% and 20ppm silver. <u>Not assayed for gold</u>. 10m+ intersections of base-metals sulphides in HAS1, HAS2, 35m in HAS4, 30m in HAS5 and 7A

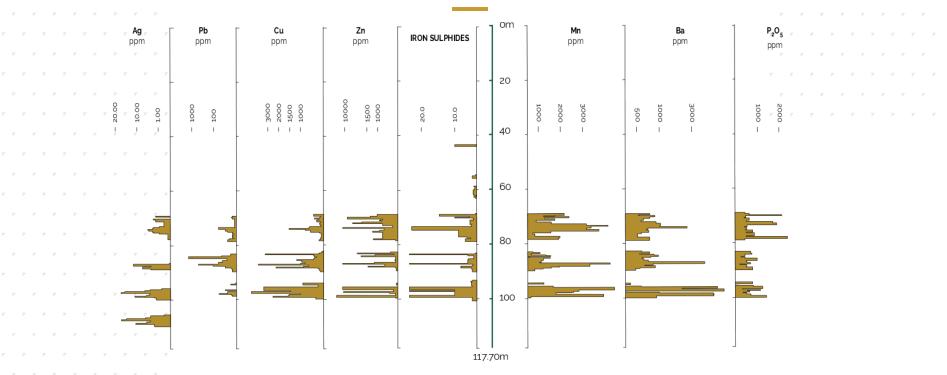






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## Hanash South HAS-4, downhole histograms

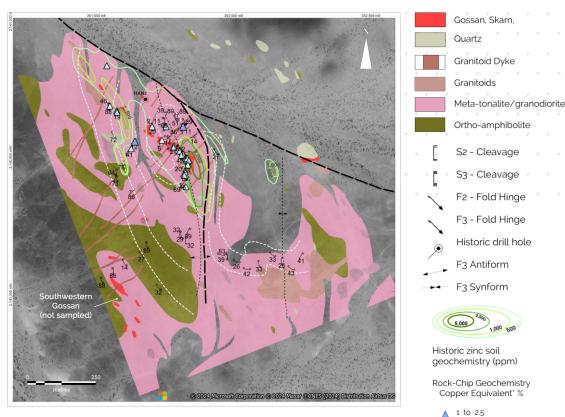




#### Hanash North (Jabal Sahabiyah Tender License)

- Zinc-copper mineralization exposed in two gossan occurrences. Low surface grades (Max 2.4%, Avge 0.5% copper equivalent)
- One drill hole completed by Riofinex in the 1970's. Intersected higher downhole zinc grades (4.9%) implying potential surface leaching
- Extensions to the south along foldhinge

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HAN1: From 39.3m, 2.7m (a) 1.1% Zn, From 46.7m, 0.9m (a) 4.9% Zn Copper equivalent calculation: gold price \$2434/Oz, silver \$28/Oz, Copper \$41/Ib and Zinc \$1.2/Ib

▲ 0.5 to 1

△ 0 to 0.5

## Jabal Sahabiyah, gossans and gold veins





Gossan and magnetic horizon looking eastnortheast

# Looking northwest along Wadi Raiel gold vein system



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#### Reasoned and rigorous regional exploration campaign underway

Exploration decisionsupport system developed



#### Six new Exploration License Applications submitted



Discrete targets, districts and belts identified and prioritized for follow-up



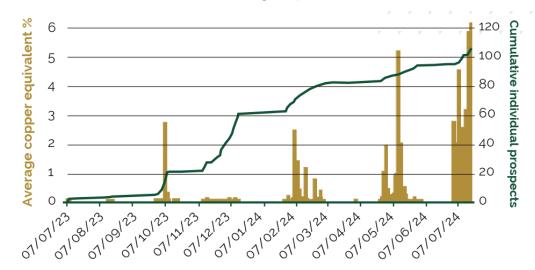


## The discovery process

- Desktop generative work has developed well-founded target criteria, identified regional geological controls and guided reconnaissance field teams
- Aggressive reconnaissance mapping and sampling campaigns have validated the targeting process and identified new copper and gold prospects
- Exploration license applications have been submitted on a first-infirst-served basis

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Average copper equivalent results for rock-chip samples and cumulative number of individual prospects identified and tested by Royal Road Arabia for 12-months July 2023-2024



Total 1490 rock-chip samples Copper equivalent calculation using: Gold \$2460, Silver \$27, Copper \$4/lb. Lead \$0.9/lb, Zinc \$1.2/lb



Poised to become a major global copper producer with the application of new exploration and mining technologies. Government strategy to triple the mining sectors turnover to \$1.5 Bn by 2025. Mining law overhauled in 2016



Copper producer since Phoenician times. World class geological potential Mining law modernized and overhauled in 2016

Corporate tax, no royalty, no withholding tax on mine exports

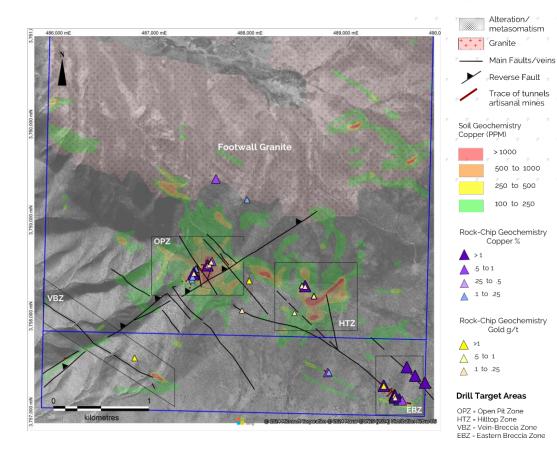
Regional tax on extracted ton's (max ~\$0.3/ton).



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- Copper-gold-polymetallic intrusionrelated system. Shallow-dipping later-parallel and steep-dipping veinbreccia styles of mineralization
- Historic open-pit and underground workings
- Grab rock-chips returned up to 7.5% copper, 1.7 g/t gold, 180ppm silver, 4.6% zinc and 0.2% tungsten
- Soil geochemistry has mapped out a 2km long ridge-top zone of layerparallel style mineralization
- Project is currently at scout-drilling stage. 2000m scout drilling campaign underway





## Alouana layer parallel mineralization





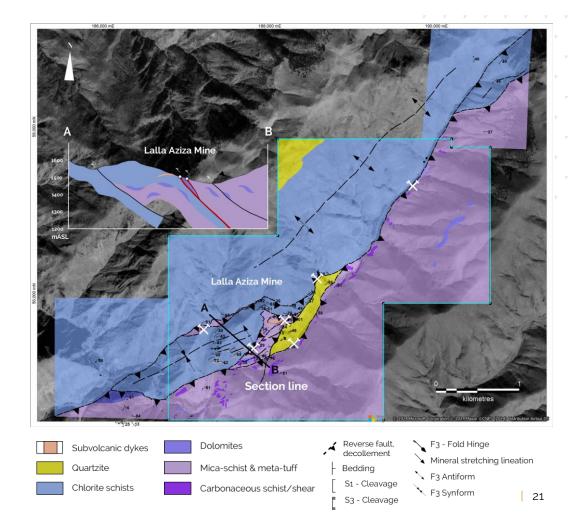
Cleavage-parallel azurite in "wall-rock" adjacent to vein-breccia mineralization from the Eastern Breccia Zone



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- Underground copper mine. Average grade 2.5% copper
- Copper hosted in regional-scale shear zone, interpreted to be a decollement
- Chalcopyrite ore is mined from moderate-dipping, shear-hosted sheeted-sulphides, vein-stockworks and breccia up to 12 meters wide
- Royal Road has option to acquire 100% and currently conducting surface and underground mapping and rock-chip
- Intending to drill early in 2025



## Lalla Aziza high-grade copper



"Sheeted" sulphide ore. Fault breccia hosted in carbonaceous schist

Breccia ore





#### **Other Projects**

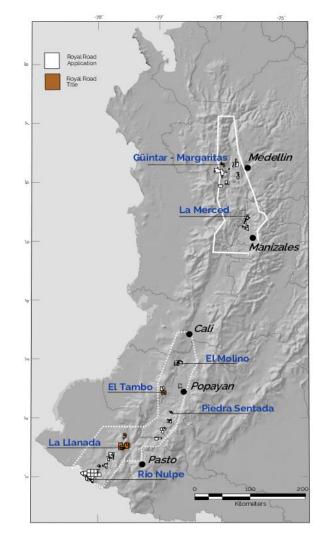
Royal Road owns and controls over 1,840km<sup>2</sup> of highly prospective exploration licenses and applications in Colombia. The Company has executed two cash and royalty agreements from producing gold mines and is currently receiving and considering joint venture and formalization proposals for other assets



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#### Largest Mining Title and Exploration Application Holder in Colombia

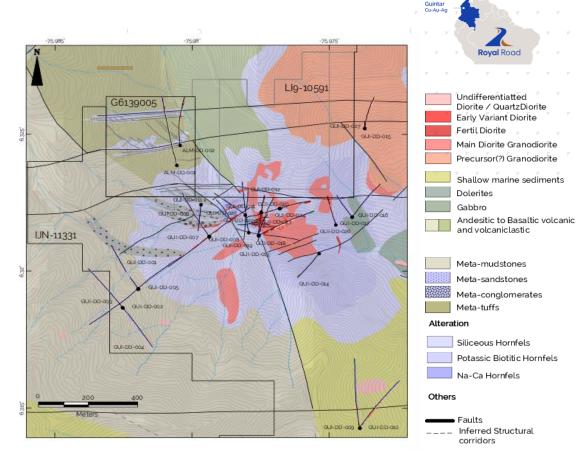
- During 2016 and 2017, Royal Road secured exploration applications in the porphyry copper-gold belt of southern Colombia along the border with Ecuador
- In 2019, Royal Road acquired AngloGold Ashanti's miningtitles and exploration applications
- Total property ownership is 17 mining-titles and 85
   exploration applications covering 1,840 square kilometers
   and totalling \$33 million in aggregate expenditure
- Assets include the Güintar-Margaritas porphyry-coppergold-silver cluster, the high-grade La Llanada gold field, the El Molino porphyry-gold system, the Rio Nulpe porphyry copper-gold belt, the Piedra-Sentada porphyry copper district and the El Tambo vein-gold district





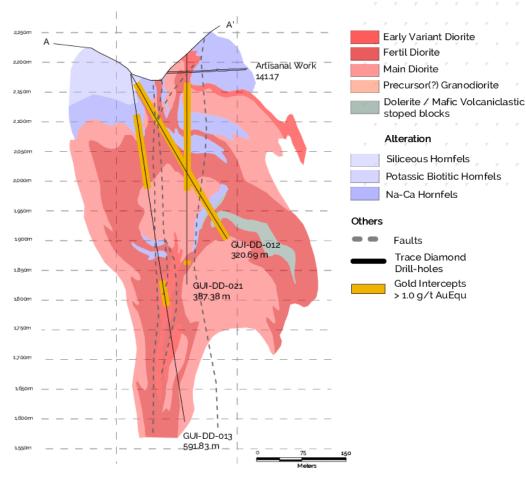
• 100% Royal Road

- 6 square kilometers of copper-goldsilver skarn and hornfels with a semiconcealed porphyry core
- Two generations of copper-goldsilver mineralized diorite, drilled to in excess of 300m downhole depth
- "Footwall" of east-west oriented gold-bearing veins
- Continues at depth and is open along-strike



Güintar (Colombia)

- 303.7 meters of 0.8% copper equivalent (1.1 grams per tonne gold equivalent; drill hole GUI-012)
- 126.0 meters of 1.0% copper equivalent (1.4 grams per tonne gold equivalent; drill hole GUI-013)
- 118.0 meters of 0.8% copper equivalent (1.2 grams per tonne gold equivalent; drill hole GUI-021)





## **Royal Road Accelerator**





The Royal Road Accelerator is an innovative initiative which identifies, finances and incubates rural enterprises with scalable commercial value

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Royal Road



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Experienced & Skill-Relevant Board

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Shares outstanding – 265M Employee incentive options - 13M











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