

#### GOLD EXPLORATION IN CÔTE D'IVOIRE

FEBRUARY 2025 ASX – DM1

www.desertmetals.com.au

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**Competent person statement:** The information in this presentation that relates to Exploration Results is based on information compiled by Stephen Ross, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Stephen Ross is a director of Desert Metals Limited. Stephen Ross has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Stephen Ross consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.



## **COMPANY HIGHLIGHTS**



Six gold and lithium JV's covering 2,475km<sup>2</sup>



Côte d'Ivoire is the **best jurisdiction** in West Africa

Priority **Adzope** and **Tengrela South** gold projects





# **CÔTE D'IVOIRE – PROVEN MINING JURISDICTION**





# PROJECT HIGHLIGHTS





#### Adzope Gold Project (Granted; 51% earned\*)

- 9 holes for 1,714.4m completed at King Kong
- 17m at 7.5g/t gold from 262m downhole (190m vertical)
- +3.4km soil and geophysics anomaly



#### Tengrela South Gold Project (Granted; 80% earned\*)

- Drilling and aircore completed at Podio
- 28km from Perseus Sissingue 1m ounce gold mine
- Aircore to be undertaken at **Tiogo** and **Kakologo**



#### Agboville Gold and Lithium JV (Application)

- West of Adzope
- Extensions of the Adzope gold belt
- Pegmatites mapped on surface



#### Kounahiri West, Vavou and Vavoua West JV's (gold)

- Earning 80% in 3 permit applications
- 30km long largely untested gold-in-soil anomaly in mineralised Birimian greenstones
- On-strike to the 3.3-million-ounce Abujar project

\*Expenditure commitments have been met. Ownership transfer underway









### **ADZOPE GOLD JV**

- Hold 51%\*, earning 80% for \$1.5m
- Granted June 24, drilling October 24
- 228km<sup>2</sup> never explored

- +2.4km x 200m The Beach alluvial workings
- Five artisanal +120m wide pits mining gold-bearing quartz veins
- King Kong prospect 6km<sup>2</sup> NE corner
- +3.4km gold corridor
- DM1 first gold exploration



#### 2.4km x 200m alluvial area

\*Expenditure commitments have been met. Ownership transfer underway

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## ADZOPE GOLD SOIL SAMPLING

- King Kong prospect 6km<sup>2</sup> NE corner
- High-grade soil samples and rock chips
- +3.4km gold corridor
- Rock chips
  8.40g/t gold, 6.94g/t gold and
  3.06g/t gold
- Soil samples
  3.55g/t gold, 1.61g/t gold and
  1.24g/t gold
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 Ground IP program completed as next phase



#### Anomalous soil samples



# **ADZOPE GOLD GROUND GEOPHYSICS**

- 55.45-line kilometres of ground geophysics covering 5.5km<sup>2</sup>
- 100m spaced north-south lines
- Induced polarisation and magnetics to maximum 100m depth
- Distinct +3.4km geophysical long anomaly
- Coincident to the gold anomaly

- Indicates sulphides that could host gold mineralisation
- Soils and geophysics reveal +3.4km gold corridor



#### **Ground geophysical anomalies**



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## **ADZOPE GOLD +3.4KM CORRIDOR**

- Soils and geophysics reveal
  +3.4km gold corridor
- Drilled using man-portable diamond drill rigs (below)







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# **ADZOPE GOLD DRILL RESULTS 2024**



- Limited first-pass drilling on artisanal pits and gold anomaly
- 9 diamond holes for 1,714.4m
- 17m at 7.5g/t gold from 262m (190m vertical); and
  13m at 1.64g/t gold from 146m (110m vertical)





#### Significant drill results with visible gold



## **ADZOPE GOLD DRILL RESULTS 2024**

- Limited first-pass drilling on artisanal pits and gold anomaly
- 9 diamond holes for 1,714.4m
- 17m at 7.5g/t gold from 262m (190m vertical); and
  13m at 1.64g/t gold from 146m (110m vertical)
- 1.4km between intersections
- +3.0km long gold corridor
- Untested parallel zone



#### Significant drill results 1.4km apart



# **ADZOPE GOLD DRILLING 2025**

- Limited first-pass drilling on artisanal pits and gold anomaly
- 9 diamond holes for 1,714.4m
- 17m at 7.5g/t gold from 262m (190m vertical); and
  13m at 1.64g/t gold from 146m (110m vertical)
- 1.4km between intersections
- +3.0km long gold corridor
- Untested parallel zone

#### +5,000m diamond drilling March/April 2025

- +1.4km zone between intersections within +2.0km drilling target area
- Ground dipole-dipole program underway now



#### +2.0km long target area for drilling



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# **TENGRELA SOUTH**



- Drilling results across 5 distinct prospects with significant gold intercepts
- Strong +3km gold anomaly at Tiogo and Kakologo
- 3,500m aircore drilling May 2025



- Tiogo and Kakologo 10km south of Sissingue
- Potential gold processing at Sissingue next to permit



#### Shallow intercepts at Podio

- 8m at 30.0g/t gold from 52m
- 14m at 5.9g/t gold from 60m
- 40m at 1.0g/t gold from 4m

#### Shallow intercepts at Logbog

- 2m at 37.8g/t gold from surface
- 4m at 13.1g/t gold from 10m













### **TENGRELA SOUTH**

### **AGBOVILLE GOLD AND LITHIUM JV**







#### **KOUNAHIRI WEST, VAVOUA AND VAVOUA WEST**

Earning 80% on 3 applications



**On strike**, same structure Tietto's Abujar **3.3moz gold deposit** in mineralised Birimian greenstones

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Next to recent **African Gold** (ASX-A1G) **Kounahiri Nord discovery**\*



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Auger drilling to commence on granting

Historical gold occurrences

\*AIG ASX Announcement 31 January 2024









### **2025 EXPLORATION PROGRAM AND BUDGET**

Project	Prospect	Program	<b>Budget</b>
Adzope NE	King Kong	+5,000m diamond drilling	\$1,200,000
Adzope Regional	Entire License	Ground geophysics, auger sampling, stream sediment sampling	\$750,000
Tengrela South	Tiogo and Kakologo	+3,500m aircore drilling	\$350,000
TOTAL			\$2,300,000
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### **CAPITAL STRUCTURE DM1**

Company	Shares	Price	Amount
Market Capitalisation	267,425,693	2.2c	\$5.88 million
Cash 31 December 2024			~\$1.00 million
Enterprise Value			\$4.88 million
Listed Options DM1O	57,692,308	6с	31 December 2025
Unlisted Options	12,500,000	6c - 6.25c	31 Dec to 22 Jan 2027
Other Unlisted Options	6,565,908	15c to 50c	30 Nov 2024 to 31 Dec 2026
Performance Rights	22,500,000	Share price and operational	3-year expiry



#### **BOARD OF DIRECTORS**

#### **Patrick Flint**

Chairman

Mr Flint is a qualified accountant and a member of the Australian Institute of Company Directors. He has been involved in the resources sector for the past 25 years as a director or company secretary of ASX and Toronto Stock Exchange-listed companies with mineral projects in Australia, Africa, and Asia.

He has significant experience in managing and administrating publicly listed companies exploring and developing mineral projects in francophone Africa.

#### **Stephen Ross**

Managing Director

Stephen Ross is a geologist, independent consultant and public company director who has been involved in the international minerals industry in technical, business development and corporate positions for 30 years.

He is a member of the Australasian Institute of Mining and Metallurgy, a member of the Australian Institute of Company Directors and a Fellow of the Financial Services Institute of Australasia. Stephen is currently Chairman of Power Minerals Limited and a non-executive director of Pinnacle Minerals Limited.

#### Fatou Gueye

Non-Executive Director

Ms. Gueye is the Co-Founder and Director of Sanu Gold Corporation and has extensive experience as a senior executive in financial services, consulting, and mining roles in Australia, the US, and Africa. She helped assemble Sanu Gold's portfolio of gold projects in Guinea and has gained considerable experience in exploration and mining finance, particularly for West African explorers and developers.

Ms. Gueye has an extensive network across government and administration in several West African countries and has provided expert advice to numerous publicly traded and privately held mining and finance companies operating in Africa and Australia.



### **INVESTMENT SUMMARY**

- Six projects covering 2,475km<sup>2</sup> in multi-million-ounce Birimian greenstone belts in the strongest jurisdiction in West Africa
- Gold low-cost JV agreements with attractive farm-in terms
- Focus on drilling at Adzope and Tengrela South
- First pass drilling returned 17m at 7.5g/t gold at King Kong on Adzope
- 1.4km between significant intercepts
- +5,000m diamond drilling March-April 2025
- 2025 exploration programs have started
- Project wide program Adzope
- 3,500m drilling Tengrela South



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# CONTACT

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