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COMPANY SNAPSHOT

Our Purpose

Our purpose is to discover gold and high-value base metals in unexplored geological terranes, unlock gold districts and create opportunities in our host communities.

Our Culture

Our focus is to unlock shareholder value whilst achieving sustainable growth. We have a strong dedication to the environment, good governance and community engagement.

Our Assets

Turkey

Anadolu, Lodos & Bati
Toroslar (Karaağaç,
Muratdere, Hasançelebi
& Doğala)

Senegal

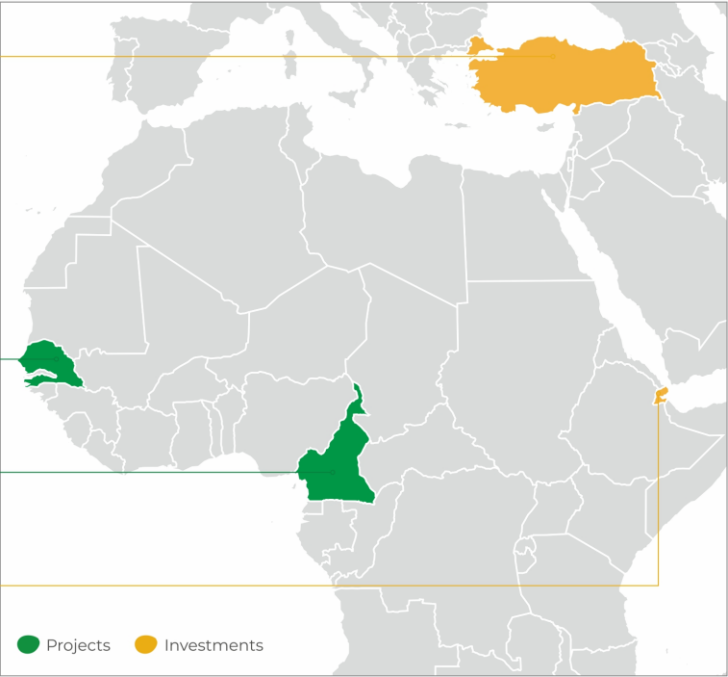
Senala Licence

Cameroon

Bibemi, Wapouzé &
Central Licence Package

Djibouti

Thani Stratex Djibouti
(Pandora, Hesdaba &
Assaleyta)



EXPERIENCED BOARD

EXECUTIVE DIRECTORS



TIM LIVESEY
CEO

Tim has over three decades of industry experience across all stages of exploration, development and operations. He has worked on a number of globally significant projects and has experience of junior, mid tier and major company management and at Board level.



BOB SMEETON
CFO

Bob trained as a Chartered Accountant with Price Waterhouse and has 30 years' experience, mainly in AIM-quoted companies where he was heavily involved in successful turnaround situations, before joining Oriole in 2018.



CLAIRE BAY
*Executive Director,
Exploration & Business
Development*

Claire is a Chartered geologist with over 16 years' industry experience, with a particular focus on early-stage gold exploration. She has worked in Turkey and Africa and has a broad range of corporate skills from fund raisings to M&A.

NON-EXECUTIVE DIRECTORS



EILEEN CARR
*Independent Non-
Executive Chair*

Eileen is a Chartered Certified Accountant with over 30 years' experience within the resources sector, having worked worldwide on a host of large-scale mining operations. She has held several executive directorships in the resources sector.



DAVID PELHAM
*Independent Non-
Executive Director*

David is a mineral geologist with over 40 years' global exploration experience. During his career he has overseen the discovery and early evaluation of multiple deposits, including +6Moz Chirano Gold Mine in Ghana and Hummingbird's 4.2Moz Dugbe gold deposit in Liberia.

OPERATING RESPONSIBLY

- Oriole's ESG is guided by eight of the U.N. Sustainable Development Goals
- The Company is focussed on sustainable growth with a strong dedication to the environment, good governance and community engagement
- Our priority is ensuring the health and safety of all employees, contractors and local communities



Diversity

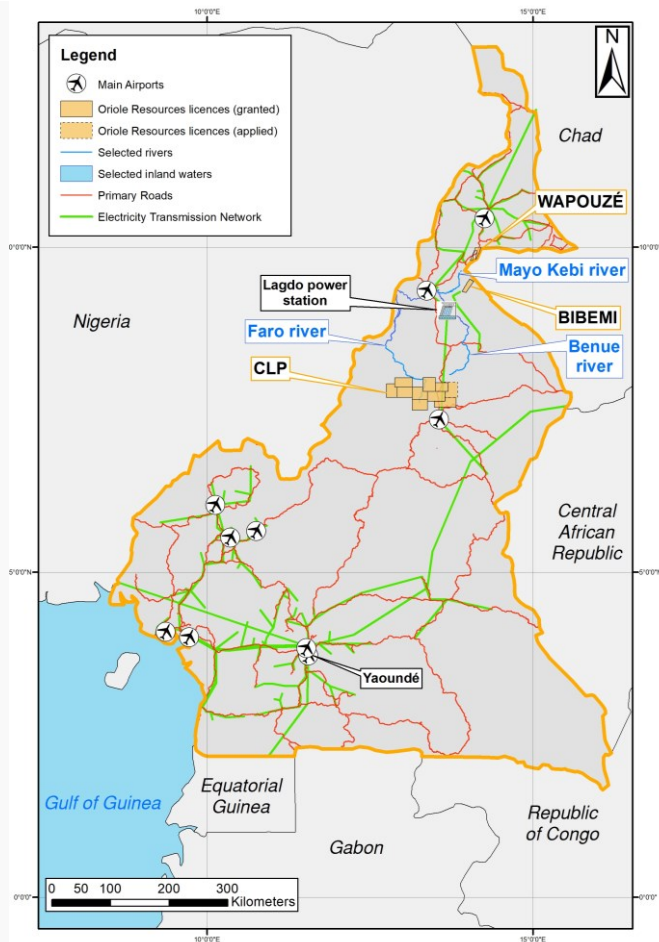


Equality



Growth

CAMEROON: LEADING THE NEXT GENERATION OF GOLD DISCOVERIES



- Strong first-mover advantage in a new gold frontier
- Centered on mobile belt – highly prospective for gold – on the margins of the Congo and West African Cratons
- 90-92.2% interest in 11 licences covering over 4,400km²
- Three projects covering highly-prospective geology: Central Licence Package ('CLP') Bibemi, Wapouzé
- Under-explored jurisdiction
- New modern mining code

HEADS OF TERMS SIGNED WITH BCM GROUP¹

- Focussed on defining, expanding and upgrading JORC Resources at the Bibemi project and Mbe licence (within the CLP), and progressing Bibemi towards an Exploitation Licence
- Technical programmes and administration will continue to be managed by Oriole, and BCM will provide drilling services
- Completion of the deals definitive earn-in agreements is anticipated before the end of 2023

Landmark funding for gold exploration in Cameroon



Bibemi

In return for up to a 50% interest in Bibemi, BCM will:



Provide a \$500k cash payment to Oriole Resources



Commit \$4 million in exploration expenditure



Make success-based payments available to Oriole subject to the number of resource ounces reported under JORC



Mbe

In return for up to a 50% interest in Mbe, BCM will:



Provide a \$1 million cash payment to Oriole Resources



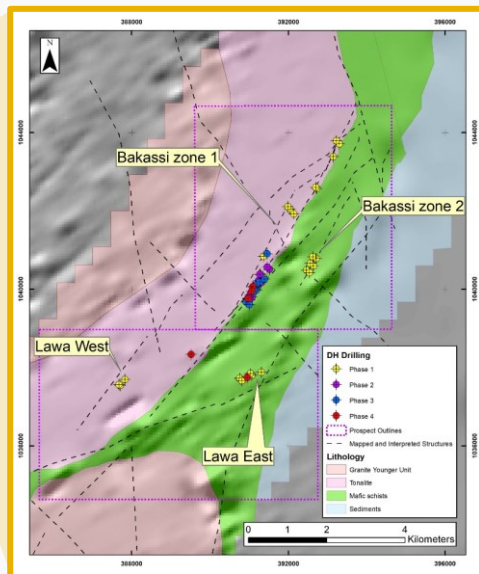
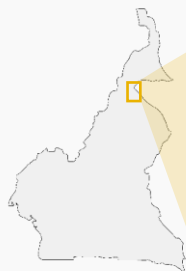
Commit \$4 million in exploration expenditure



Make success-based payments available to Oriole subject to the number of resource ounces reported under JORC

¹Announcement dated 20 November 2023

BIBEMI PROJECT, CAMEROON



- 12km-long mineralised system
- Four main prospects defined – visible gold at two
- System confirmed to 150m below surface
- Maiden JORC Inferred Resource of 305k oz grading 2.19 g/t Au

Summary

Exploration stage

Key stats

Licence area

Ownership

Minority Partner¹

Greenfield orogenic gold project

Maiden JORC Mineral Resource

12,500m trenching

6,685.40m diamond drilling in 54 holes

177 km²

92.2% Oriole

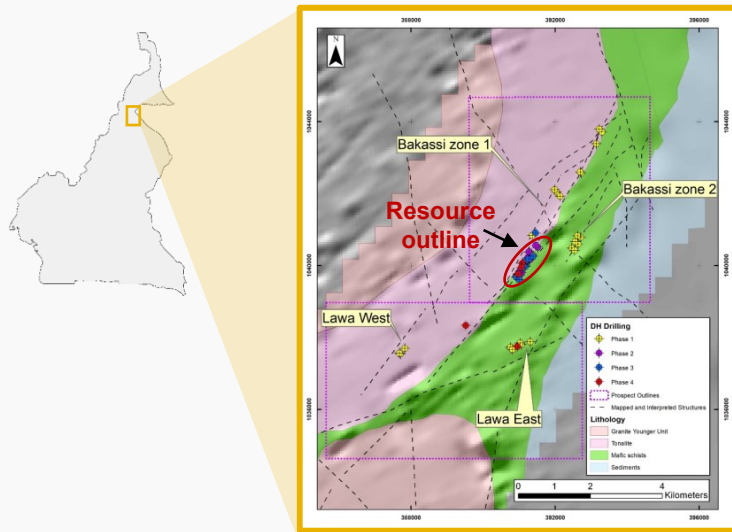
BEIG3

Selected drill intersections

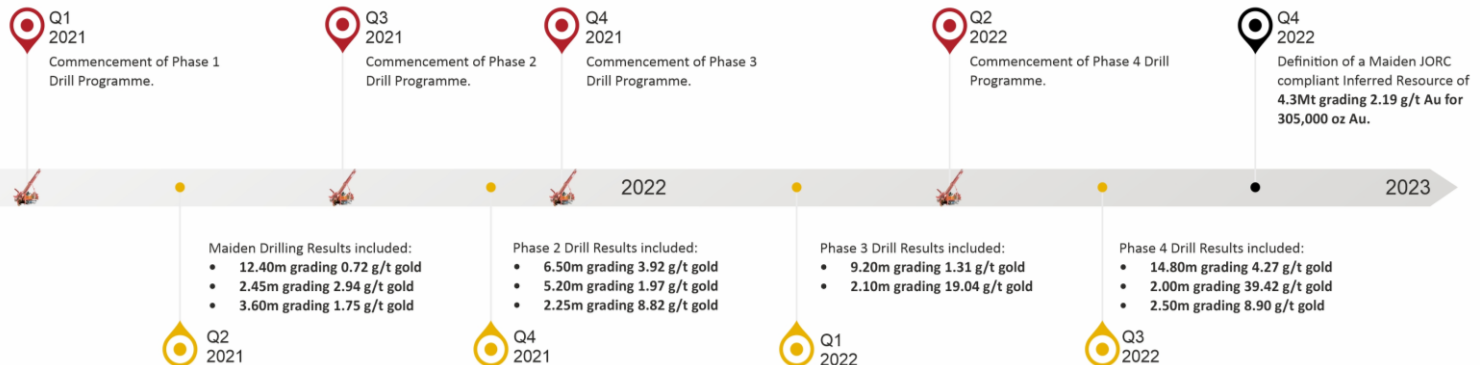
Hole ID	From (m)	Interval (m)	Au (g/t)	g*m
BBDD009	29.20	12.40	0.71	8.80
BBDD020	69.00	0.80	27.90	22.32
BBDD030	34.75	2.25	8.82	19.85
BBDD031	100.70	5.20	1.97	10.24
BBDD034	119.00	6.50	3.92	25.48
and	160.00	2.00	39.42	76.67
BBDD042	84.90	9.20	1.31	12.05
BBDD045	90.40	1.10	9.97	10.97
and	124.50	1.10	17.70	19.47
and	136.00	2.50	8.90	22.22
BBDD046	121.10	2.10	19.04	39.98
BBDD049	127.20	2.40	6.05	14.52
BBDD050	104.30	14.80	4.27	63.16
and	132.10	7.70	2.74	21.06
BBDD053	58.00	3.00	12.30	36.90

¹Also see announcement dated 20 November 2023 regarding a Heads of Terms Agreement signed with BCM Group

BIBEMI: CAMEROON'S FIRST JORC GOLD RESOURCE



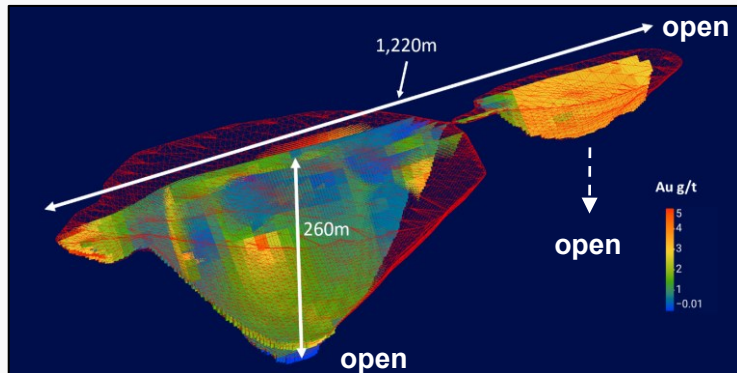
- Two phases of drilling completed in 2022 – results of up to 14.80m grading 4.27 g/t Au
- Phase 4 drilling confirmed strong potential for mineable widths of mineralisation, resulting from the interaction of sub-vertical and sub-horizontal vein sets
- Results to date enabled the estimation of a Maiden JORC Inferred Resource and Exploration Target for the Bakassi Zone 1 prospect (one of four key targets) – both estimates remain open along strike to the north-east and at depth



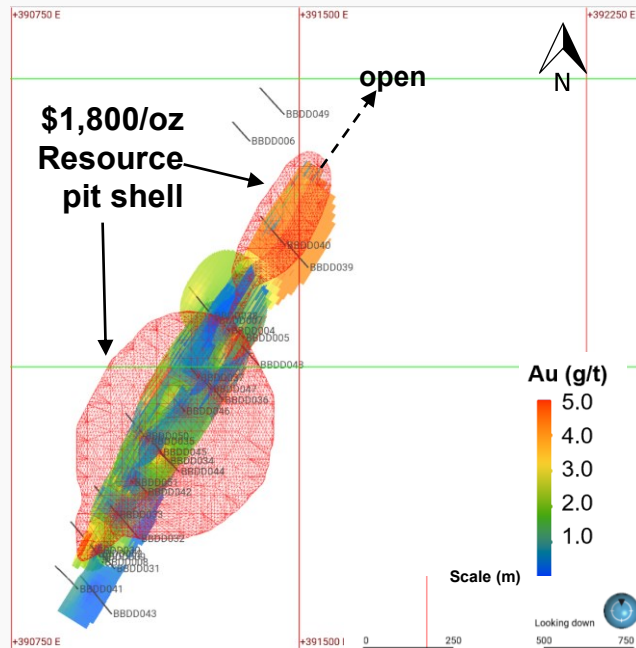
BAKASSI ZONE 1 PROSPECT

Maiden JORC Inferred Resource and Exploration Target¹

INFERRED RESOURCE*:				
Material	JORC category	Tonnage (Mt)	Grade (g/t Au)	Total contained gold (oz)**
Oxide	Inferred	200,000	1.53	10,000
Fresh	Inferred	4,100,000	2.23	294,000
Total	Inferred	4,300,000	2.19	305,000
RESIDUAL EXPLORATION TARGET*:				
Tonnage Range	Grade Range (g/t Au)	Total Contained Metal Range (oz Au)		
1,500,000 – 2,200,000	1.10-2.10	53,000-148,000		



3D Isometric view of the Bakassi Zone 1 Resource blocks within U\$1,800/oz pit shell



Plan view showing the block model with U\$1800/oz Resource pit shell, and drill holes used to estimate the Bakassi Zone 1

* All figures are rounded to reflect the relative accuracy of the estimate

**shown on a gross basis; Oriole currently holds a 90% net attributable interest

¹Announcement dated 12 December 2022. See CP statement on slide 19 for further disclosures

BIBEMI PROJECT

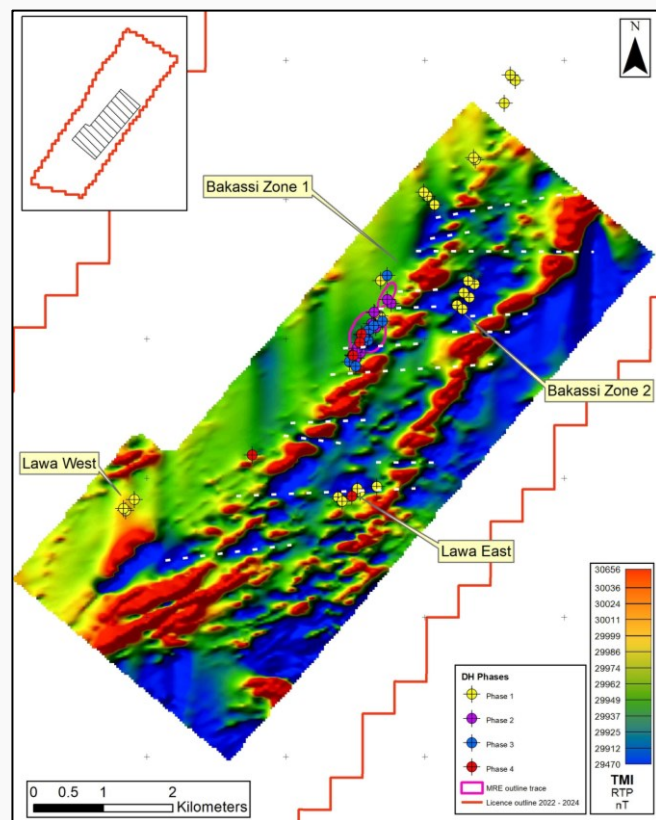
Resource Expansion Potential

- Both estimates remain open to the north-east and at depth
- Three further prospects lie within a few kilometres of Bakassi Zone 1, including Lawa East where Phase 4 drilling delivered 3.00m grading 12.30 g/t Au¹
- Infill geophysics programme recently completed to aid drill targeting at the remaining three prospects at the Bibemi licence as well as future Resource-expansion activities² – full interpretation of results planned for Q4-2023
- Technical studies are underway to support conversion to an Exploitation Licence
- Subject to completion of the earn-in agreement with BCM, resource drilling is expected to commence at the project in Q1-2024³

¹Announcement dated 15 September 2022

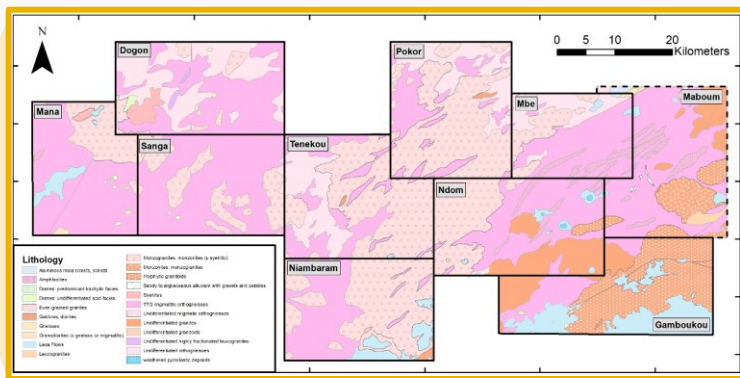
²Announcement dated 15 June 2023

³Announcement dated 20 November 2023



Ground magnetic Total Magnetic Intensity (reverse to pole) image over the key prospects at Bibemi

CENTRAL LICENCE PACKAGE (CLP), CAMEROON



Summary

Exploration stage

Key stats

Licence area

Ownership

Minority Partner¹

Greenfield gold project

Surface sampling

Samples: 875 stream sediment,

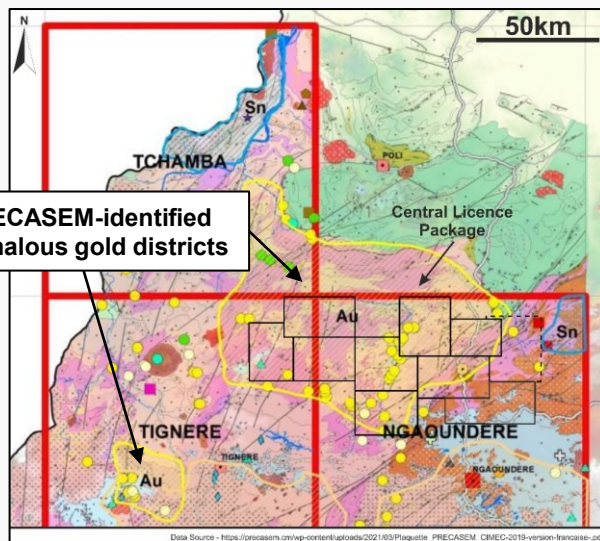
8,941 soil, 98 rock-chips

4,091km² (nine licences)

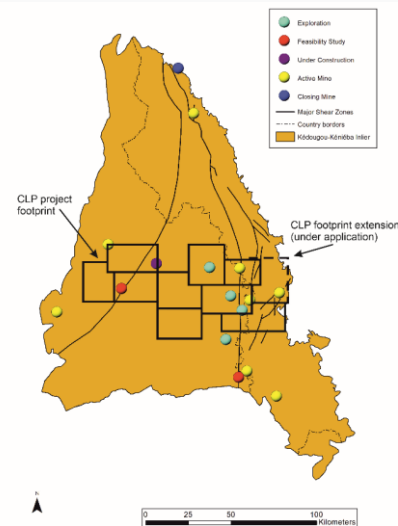
92.2% Oriole

BEIG3

- District-scale licence package covering deep-seated crustal structures
- Potential for gold, lithium and other commodities
- Close to main road, power, water and regional airport



Data Source: https://precasem.com/wp-content/uploads/2021/03/PreCaseM_CMEC-2019-version-PreCaseM.pdf

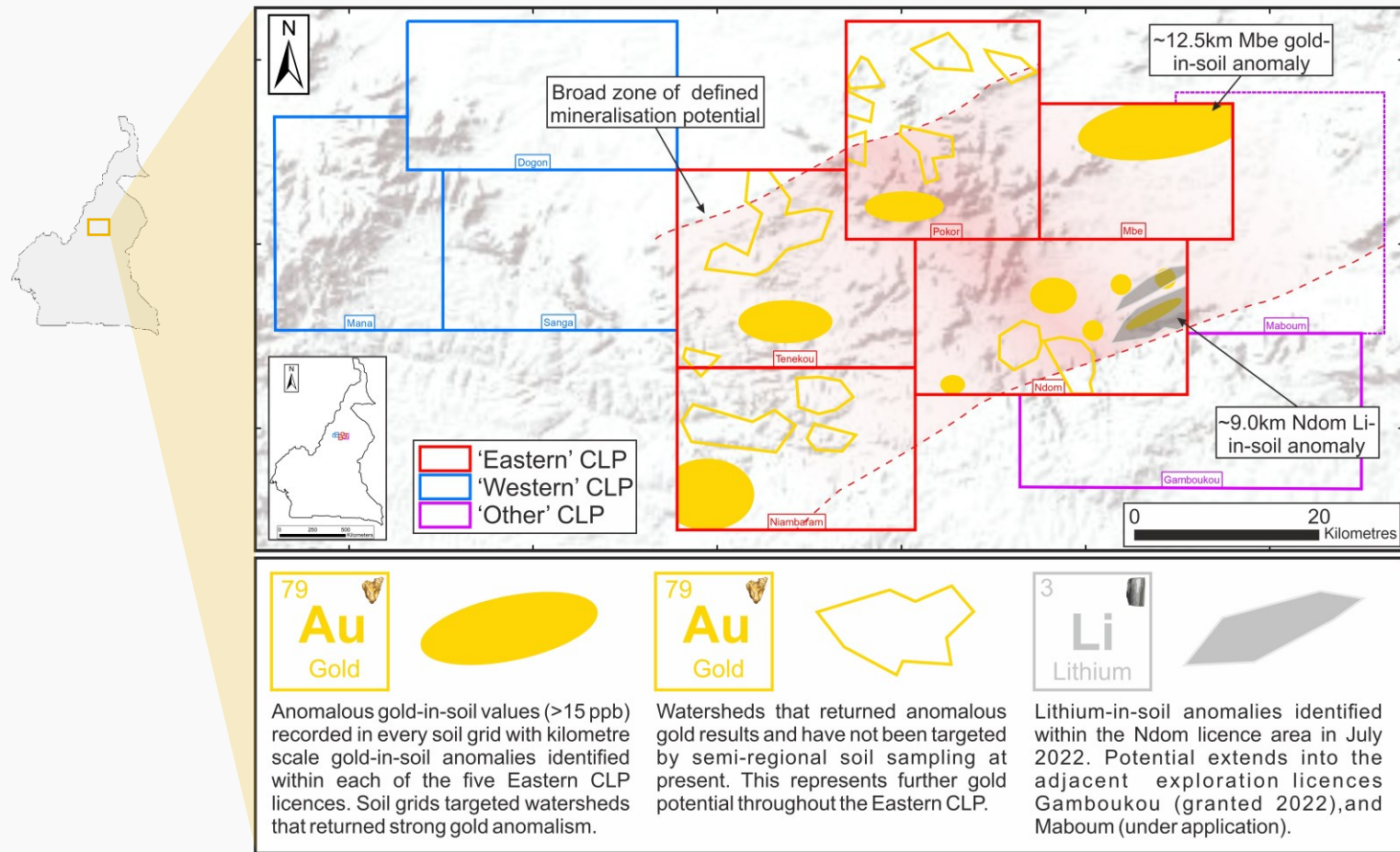


Footprint comparison with Senegal-Mali KKI gold district

¹Also see announcement dated 20 November 2023 regarding a Heads of Terms Agreement signed with BCM Group

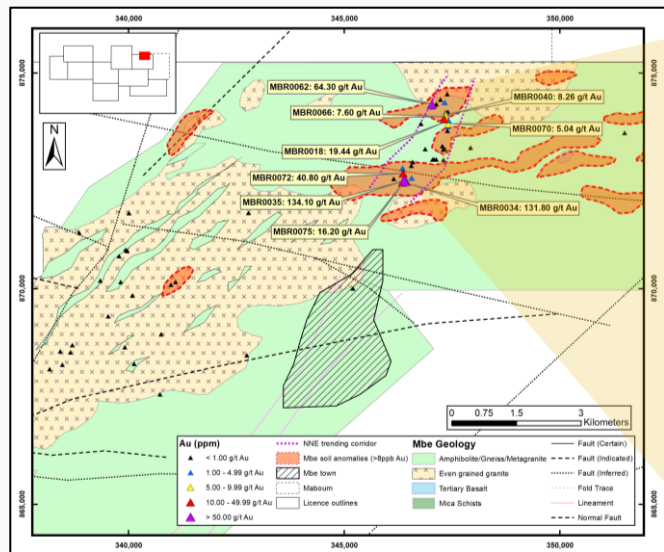
ORIOLE RESOURCES PLC AIM: ORR

CLP: DISTRICT-SCALE EXPLORATION OPPORTUNITY

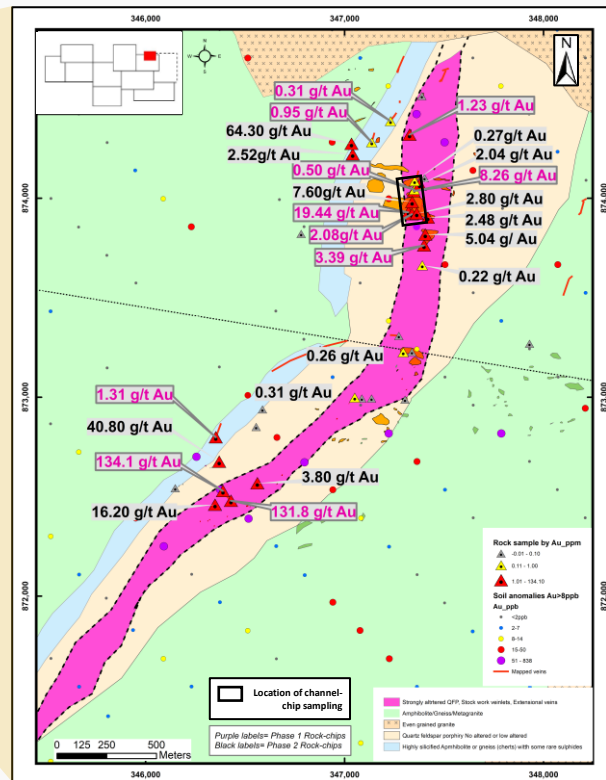


EASTERN CLP: GOLD EXPLORATION

Multiple Anomalies Identified, Mbe Being Advanced Aggressively



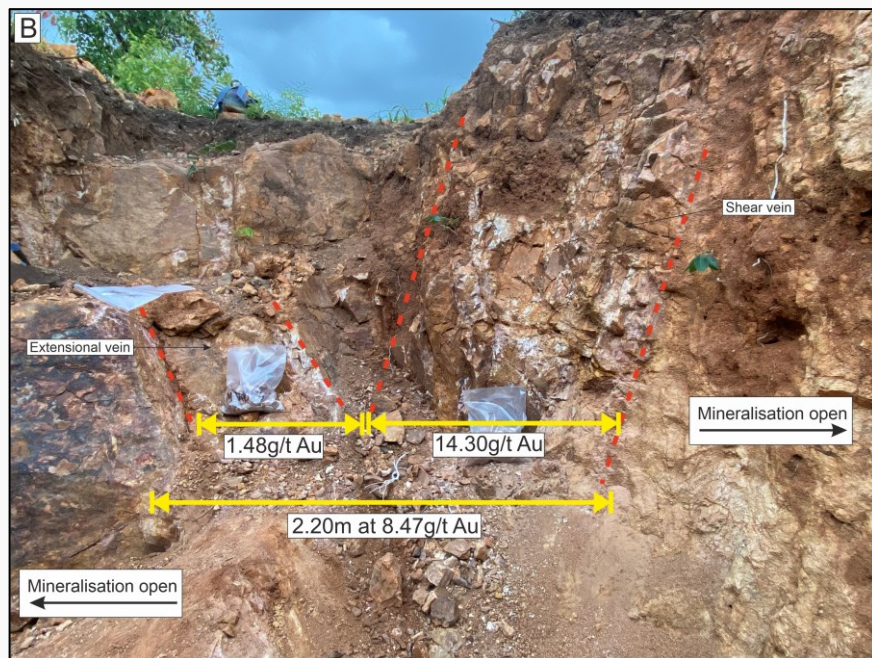
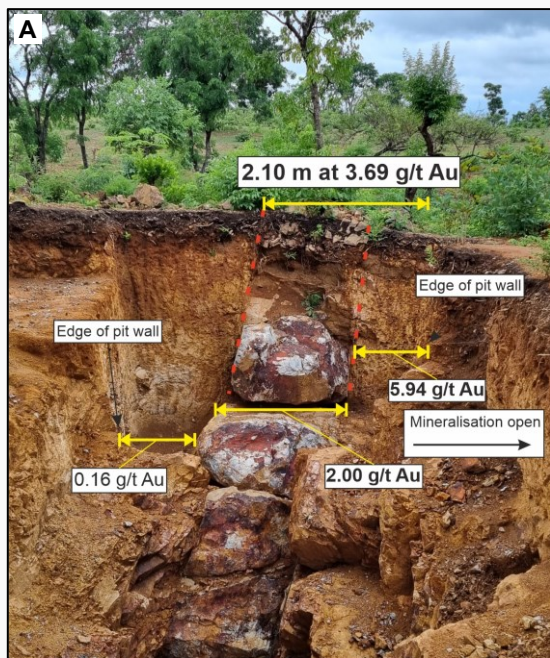
- Mapping and rock-chip sampling at the Mbe anomaly has identified a 3km-long corridor of sulphide-rich quartz veins within altered felsic porphyry host rocks – multiple high-grade results, including 134.10 g/t Au
- Pilot channel-chip sampling recently completed over a 200m zone at Mbe



Rock-chip sampling results on mapped geology for the Mbe licence

EASTERN CLP: MBE PROSPECT

- Pilot channel-chip sampling recently completed over 6 short lines to test one of multiple shear-parallel veins exposed within the 70m-wide corridor. Results include **5.00m grading 2.03 g/t Au** and **2.20m grading 8.47 g/t Au**
- A further 23 samples collected over the entire 3km-long corridor for lithological and gold deportment studies



Photos taken across partial trenches MBTR005 (A) and MBTR001 (B) at Mbe, showing approximate location of sampling (viewing towards the north-northwest and the south, respectively)

EASTERN CLP: MBE PROSPECT

- Ground-based geophysics has recently been completed over the entire target area at Mbe
- Interpretation of the data will be completed over the coming months to help identify initial drill targets, particularly focused on identifying intersecting structures within the 3km-long high-grade gold corridor
- Under the terms of the deal with BCM, BCM is currently completing a period of due-diligence at Mbe (ending 31 January 2024), including a site visit and additional sampling over the artisanal sites
- Subject to successful completion of the due-diligence, further exploration (including drilling) is expected to commence at the project from H1-2024



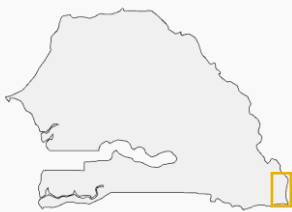
¹Announcement dated 20 November 2023

*Announcements dated 11 April 2023 and 21 June 2023

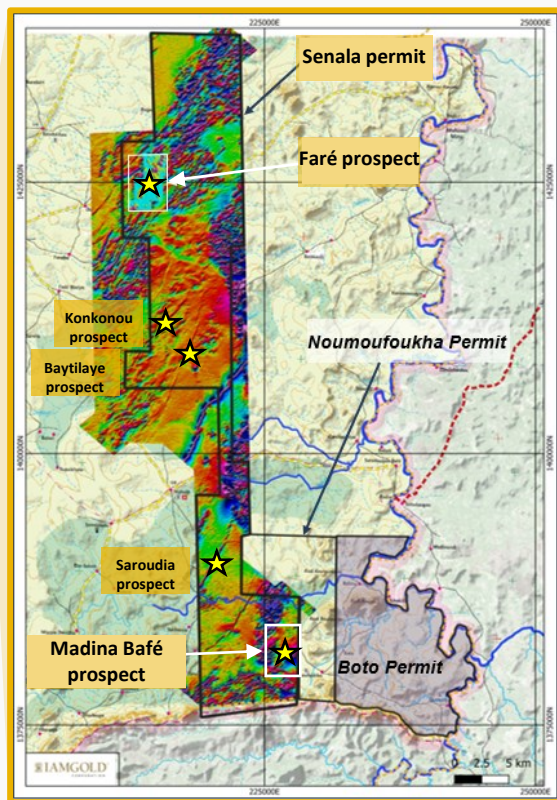


JV PROJECT

SENALA PROJECT, SENEGAL



- Free-carried for up to US\$8m exploration spend
- New licence granted Feb 2020
- AGEM** focussed on two of five prospects
- Maiden JORC-compliant Resource of 155,000 oz Au at Faré prospect



Summary
Exploration stage
Key stats

Licence Area
Ownership
JV Partner**

Advanced exploration gold project
 Maiden JORC Inferred Resource
 >30,000m drilling completed since 2018
 472.50km²
 51% AGEM/49% Stratex-EMC*
 AGEM – in final year of 6 year earn-in



Diamond drilling at Faré

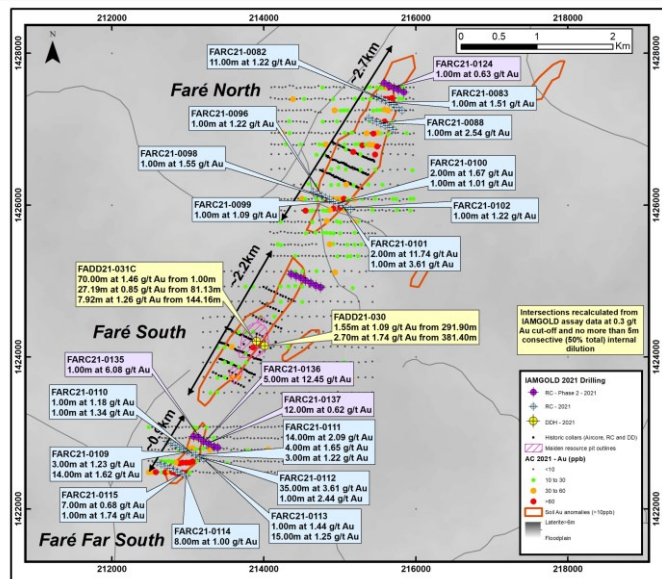
**Oriole has an 85% interest in Stratex-EMC*

***On 26 April 2023, IAMGOLD announced the sale of AGEM to Managem Group*

SENALA PROJECT

Faré prospect

- Substantial near-surface gold anomalism confirmed at three targets – Faré North, Faré South and Faré Far South - extending over more than 6km strike-length
- Maiden JORC-compliant mineral Resource defined at Faré South



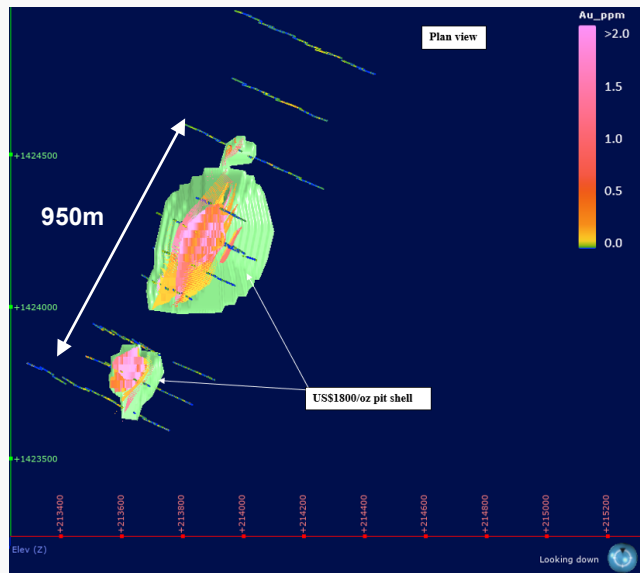
Best results from AGEM drilling at Faré

Selected best drill intersections to date

	Hole ID	From (m)	Interval (m)	Au (g/t)	g*m
Faré North	FADD-00007	14.10	7.00	1.31	9.17
	FARC21-0082	0.00	34.00	0.80	27.20
	<i>including</i>	5.00	11.00	1.22	13.42
	FARC21-0101	84.00	2.00	11.74	23.48
Faré South	FARC-00001	50.00	10.00	2.34	23.40
	FARC-00007	18.00	20.00	31.13	622.60
	<i>including</i>	18.00	10.00	60.98	609.80
	FADD-00001	68.60	23.40	1.84	43.06
	FADD-00002	11.10	14.00	2.94	41.16
	FADD-00003	0.00	59.60	2.20	131.12
	FADD-00004	4.10	42.00	1.36	57.12
	and	50.60	49.50	1.75	86.63
	FADD-00016	192.10	10.00	4.12	41.20
	FADD-00021	93.40	19.50	1.08	21.06
Faré Far South	FADD-00025	18.00	12.00	7.09	85.08
	FADD21-031C	1.00	70.00	1.46	102.20
	FARC21-0109	72.00	14.00	1.62	22.68
	FARC21-0111	4.00	14.00	2.09	29.26
	FARC21-0112	59.00	35.00	3.61	126.35
	<i>including</i>	69.00	18.00	6.46	116.28
	FARC21-0113	104.00	15.00	1.25	18.75
	FARC21-0136	92.00	5.00	12.45	62.25
	<i>including</i>	93.00	2.00	26.61	53.22

FARÉ SOUTH TARGET

Maiden Mineral Resource Estimate



- JORC-compliant Inferred Resource of **155,000oz** grading **1.26 g/t Au** based upon a 0.3 g/t cut off, within a US\$1,800/oz pit shell¹

- Within a larger JORC-compliant Exploration Target:

Tonnage Range	Grade Range (g/t Au)	Total Contained Metal Range (oz Au)
6,700,000 - 10,000,000	0.8-1.1	190,000 - 280,000

- Resource and Exploration Target are open at depth and along strike
- Faré Far South and Faré North targets offer significant potential for additional resources
- Managem due to commence a 2,000m diamond drilling programme in 2023

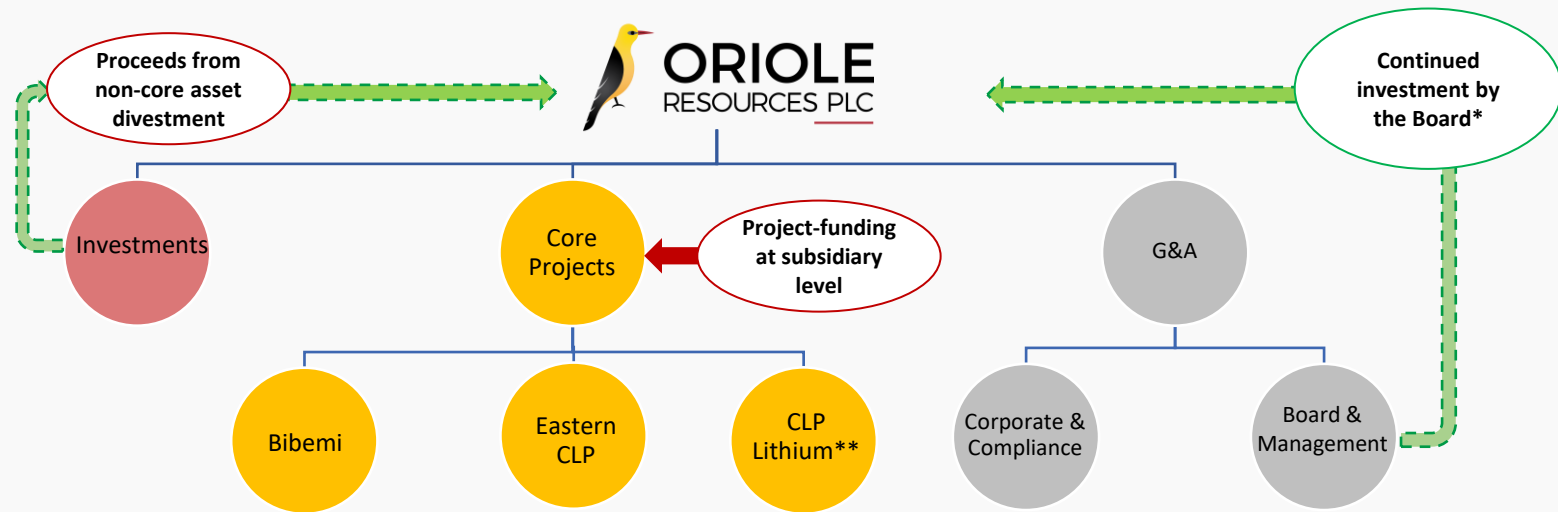
Material	Classification	Tonnage	Grade (g/t Au)	Total Contained Gold (oz)*
Oxide	Inferred	2,610,000	1.26	105,000
Fresh	Inferred	1,240,000	1.27	50,000
Total	Inferred	3,850,000	1.26	155,000

¹Announcement dated 23 August 2021. See CP statement on slide 27 for further disclosures

*Shown on a gross basis; Oriole currently holds an 41.65% net attributable interest

FUNDING STRATEGY

- The Company is focused on identifying project-level funding and partnerships to minimise the need for PLC-level fundraises



*£195.5k of subscriptions and £28k salary sacrificed during 2023 to date

**Discussions underway with interested funding groups

APPENDIX 1: CONTACTS

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APPENDIX 2: COMPETENT PERSON'S STATEMENT

The Technical Information relating to Exploration Results has been prepared by Claire Bay, EurGeol, CGeol, MIMMM, an employee of the Company, who is a Competent Person as defined by the JORC Code 2012 Edition. The information is extracted from various source reports, individually identified on the relevant pages of this presentation. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

The Technical Information relating to Mineral Resources and Exploration Targets is based on data compiled by Mr. Robert Davies, EurGeol, CGeol, an independent consultant to Oriole. Mr Davies is a Director of Forge International Limited. Mr Davies 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". Mr Davies consents to the inclusion in this presentation of the matters relating to the Mineral Resource Estimate and Exploration Target for Faré South and Bibemi in the form and context in which they appear. The Company confirms that the material assumptions and technical parameters for resource estimate continue to apply and have not materially changed.

It is noted that the potential quality and grade of the Exploration Targets referenced in this report are conceptual in nature. There has therefore been insufficient exploration to estimate a Mineral Resource for all target areas reported and it is uncertain whether further exploration will result in the estimation of a Mineral Resource. The Exploration Targets have been prepared in accordance with the 2012 edition of the JORC Code.

JORC Tables for each of the projects highlighted in the presentation can be found at the bottom of the following pages on the Company's website:

<https://orioleresources.com/projects/bibemi/>

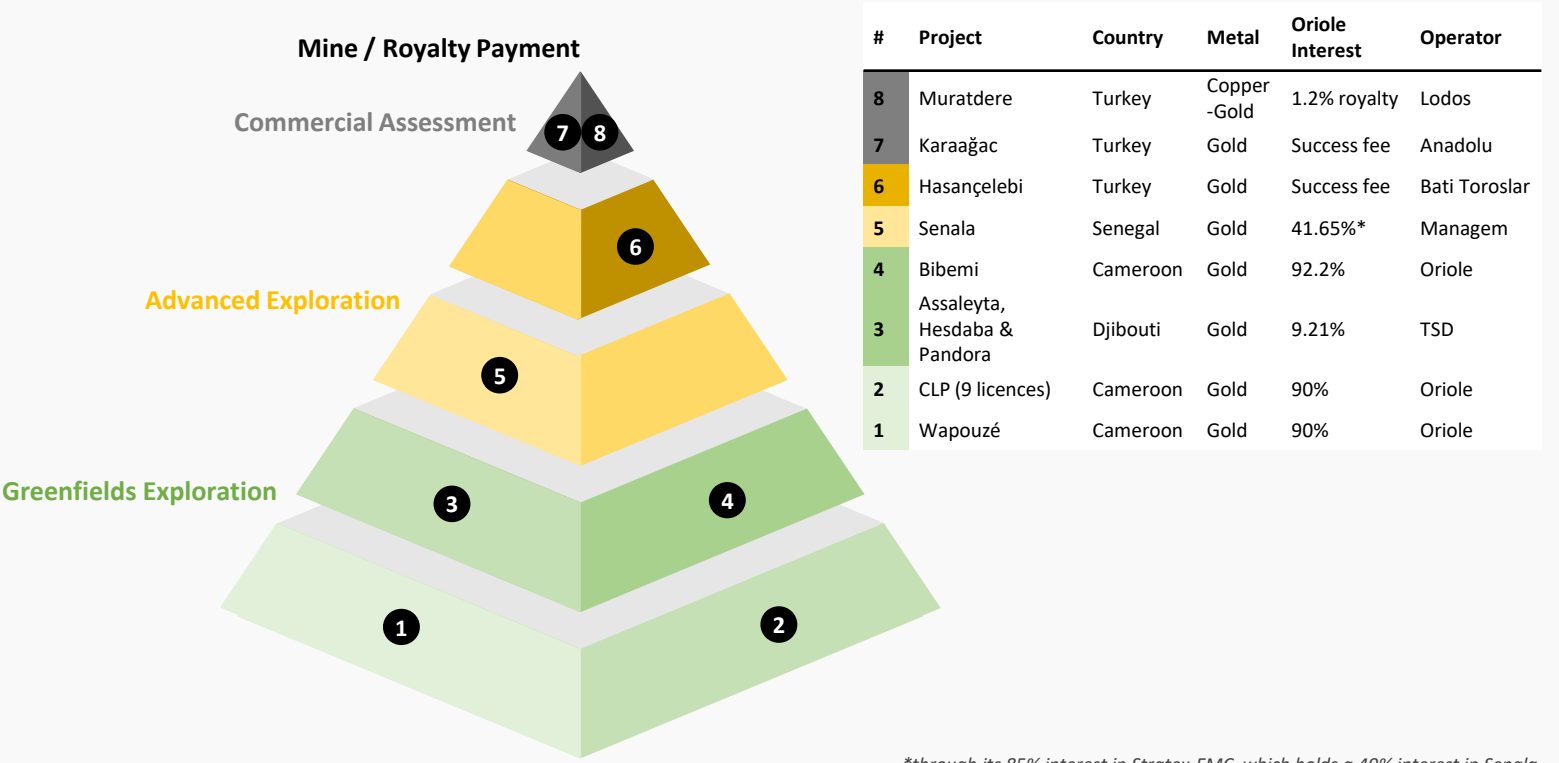
<https://orioleresources.com/projects/central-licence-package/>

<https://orioleresources.com/projects/senala/>

<https://orioleresources.com/projects/wapouze/>

APPENDIX 3: CURRENT PORTFOLIO

Mature assets within the portfolio offer realisation opportunities, with proceeds to be focussed on exploration in Cameroon



**through its 85% interest in Stratex-EMC, which holds a 49% interest in Senala*