



| TSX-V: ORG

# DEVELOPING A LEADING **GOLD** PROJECT IN AFRICA

May 2020 CORPORATE PRESENTATION



# Forward-looking Disclaimer

Any statement that reviews or makes discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (either, but not always, identified by words or phrases such as 'expects', 'anticipates', 'believes', 'plans', 'projects', 'estimates', 'assumes', 'intends', 'strategy', 'goals', 'objectives', 'potential', 'possible' or variations thereof or stating that certain actions, events, conditions or results 'may', 'could', 'would', 'might' or 'will' be taken, occur or be achieved, or the negative of any of these terms and similar expressions) are not statements of historical fact and may be forward-looking statements. Forward-looking statements in this press release include, but are not limited to, statements with respect to the Mineral Resources and Reserves at Block 14 and the grade of mineralization and production at Block 14; projected production, recovery rates and ship rates at Block 14; the IFA of mine of Block 14; coal-to-oil economic estimate; in respect of Block 14 (including estimates) of net present value, rate of return, revenue, profit and cash flows; metal prices; the receipt of necessary permits in respect of Block 14 and the expected timing thereof; the expected timing for and the nature of the development of Block 14; expected timing and processing methods to be employed at Block 14 and the timing and rate thereof; estimates of waste stripping and dockpling; and estimates of the location and extent of the Company's mining activities.

Forward-looking statements and forward-looking information (collectively, 'forward-looking statements') are not guarantees of future performance and are based upon a number of estimates and assumptions of management at the date the statements are made, including (without limitation, assumptions about the following (the 'Forward-looking Factors')): that the Feasibility Study represents an accurate and viable development option for Block 14; the amount and grade of Mineral Resources and Mineral Reserves at Block 14; future production from Block 14, including recovered and produced gold and the grade thereof; the IFA of mine of Block 14; the capital costs of

constructing the mine and developing it to production; sustaining capital and the duration of financing whereby mining; operating costs and total costs; net cash flow; net present value; the economic returns that may be derived by the Company from Block 14; obtaining leases and permits; government regulation of the Company's mining activities; that the development and mining of Block 14 will proceed as set out in the manner set out in the Feasibility Study; future prices of gold and other metals; performance of contractual obligations by counterparties; operating conditions; political stability; obtaining governmental approvals and financing on time; financial projections and budgets; environmental risks and expenses; market conditions; the securities markets; accessability of the Company's securities; currency exchange rates; foreign mining tax regimes; insurance and uninsured risks; financial projections and results; and competition and reclamation obligations.

While we consider these assumptions to be reasonable, the assumptions are inherently subject to significant business, legal, economic, political, regulatory, competitive and other risks and uncertainties and contingencies, many of which are based on factors and events that are not within the control of the Company and there is no assurance they will prove to be correct. As such, the forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events, results, performance or achievements to differ materially from those described in forward-looking statements. There may be other factors that cause actual events, results, performance or achievements not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Such forward-looking statements are made or given, at the date of this press release and the Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required under applicable securities law. The reader is cautioned not to place undue reliance on forward-looking statements.

the development and mining of Block 14 may experience delay, and may not proceed on the expected timeline or at all; that the Company may develop Block 14 in a different manner than is set forth in the Feasibility Study; risks relating to our dependence on key personnel; risks related to our dependence on outside parties; risks related to conflicts of interest involving our directors and officers; risks related to litigation; that the Company may encounter and file issues and/or community issues; and other known and unknown risks, uncertainties and other factors relating to the Forward-looking Factors above, and those risks disclosed under the heading 'Risk Factors' in the Company's annual information form on file with the Canadian securities regulatory authorities and available electronically on the SEDAR website at [www.sedar.com](http://www.sedar.com).

A number of factors could cause the actual results, performance or achievements of the Company to differ materially from any future results, performance or achievements expressed or implied by the forward-looking statements and there is no assurance that the actual results, performance or achievements of the Company will be consistent with them. Although the Company has attempted to identify important factors that could cause actual events, results, performance or achievements to differ materially from those described in forward-looking statements, there may be other factors that cause actual events, results, performance or achievements not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Such forward-looking statements are made or given, at the date of this press release and the Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required under applicable securities law. The reader is cautioned not to place undue reliance on forward-looking statements.

# Highlights

01

Management with extensive experience in discovery, financing, development & M&A in Africa

02

Sudan poised to be removed from SSSL

03

**3.3+Moz Au Indicated Resources:**  
**Indicated:**  
79.9Mt at 1.30 g/t Au for 3.34 Moz of Au  
**Inferred:**  
18.5Mt at 1.2 g/t Au for 0.71 Moz of Au

04

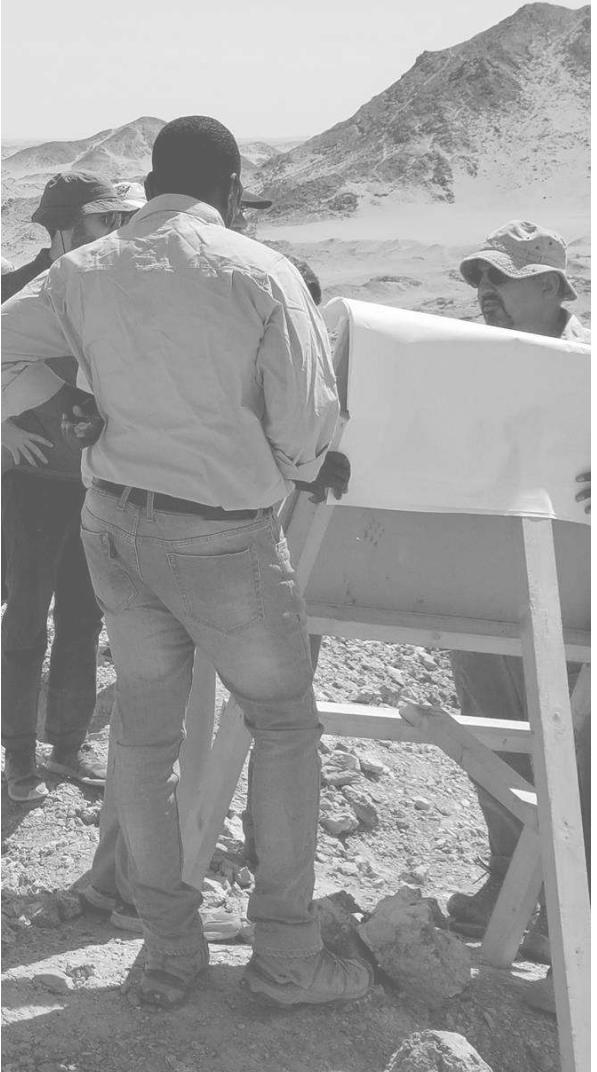
**Feasibility Study on Block 14:**  
**\$403M NPV @**  
US\$1,250 Au  
**13.6 years** mine life  
**228Koz/year** production first 7 years

05

45% interest in Montage Gold Corp.



# Corporate Overview



	SHARE STRUCTURE	MAJOR STOCKHOLDERS	
Issued & Outstanding Shares	212M	Zebra Holdings/Lorito	16.6%
Options Avg. Strike Price: \$0.41	13M	Resolute Mining Limited	15.3%
MCap as at May 14, 2020	\$67M	Ross Beaty	10.6%
		Kinross Gold	5.0%
		Management & Board	6.1%

# Management



CEO  
**RICK CLARK**  
B.A., LLB



President  
**HUGH STUART**  
B.Sc (Hons), M.Sc, FGS



COO  
**KEVIN ROSS**  
Eur Ing, MSc, MIMMM



CFO  
**GLENN KONDO**  
B.Com., CA



Chief Strategist African Affairs  
**KARAMO SONKO**  
M.Phil., Ph.D



## Directors

Strong development-focused board with extensive construction and operating experience.

Chairman

**ALEX DAVIDSON**

M.Sc(Econ, Geol), B.Sc, P.Geo

Non-Exco

**BOB CHASE**

CPA, CA

Non-Exco

**DAVID FIELD**

Bec(H)BSc ANU

Non-Exco

**DEREK WHITE**

B.Eng, CA

CEO

**RICK CLARK** B.A., LLB

President

**HUGH STUART** B.Sc, M.Sc, FGS



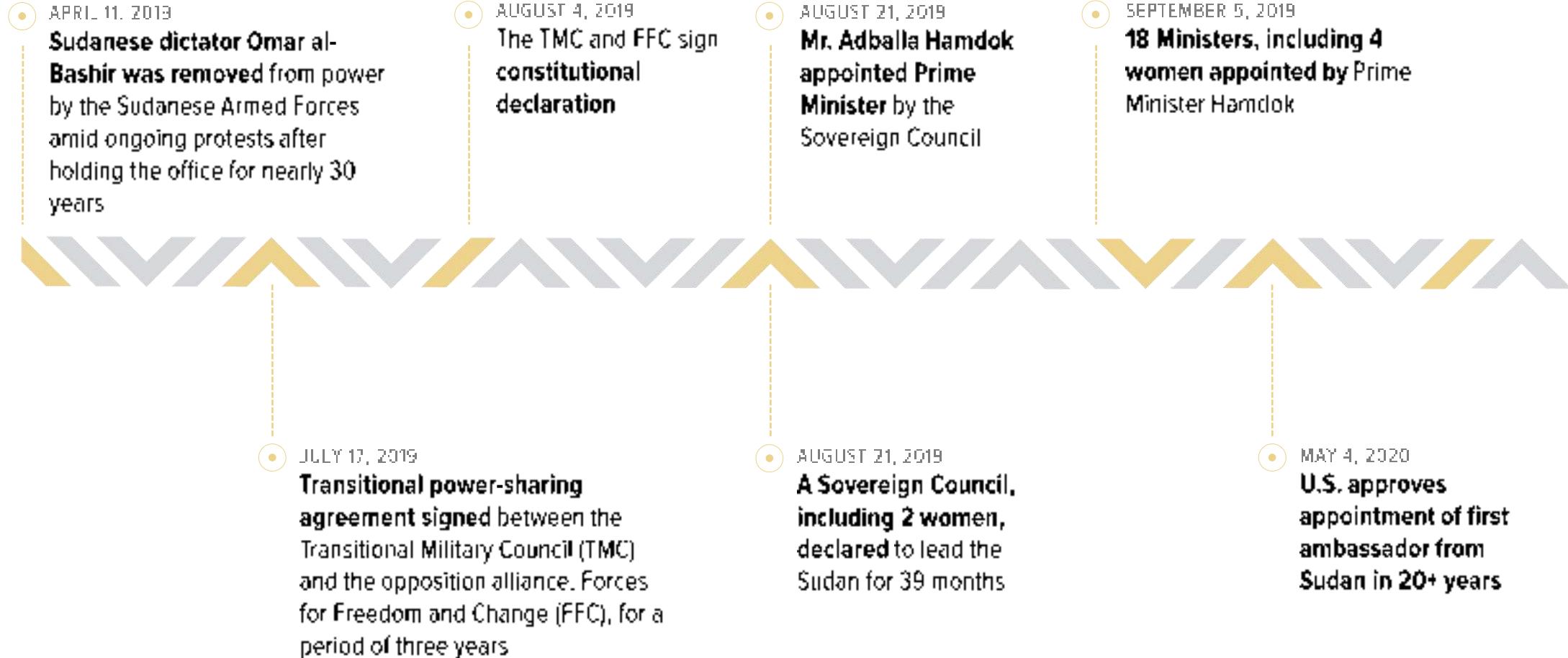
# About Sudan

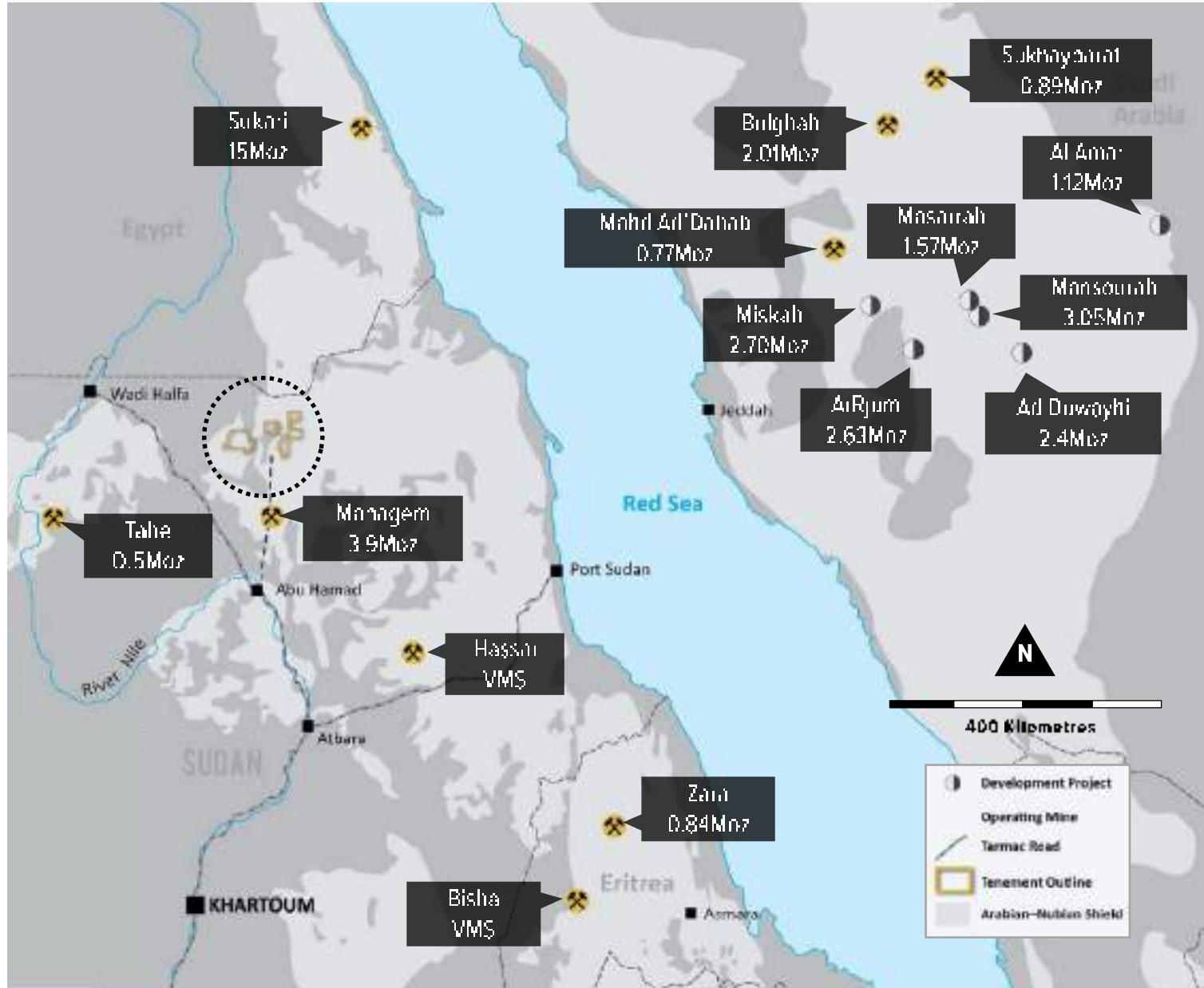
- Highly prospective geology – under explored
- Largest gold rush in the last century – +100t produced annually
- 2<sup>nd</sup> largest gold producing country in Africa
- Commercial mining is a priority
- Secure & safe operating environment



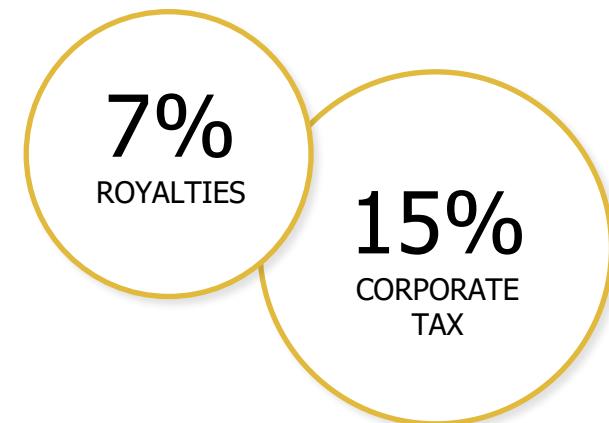
**Block 14 Gold Project**

# Political Development in Sudan





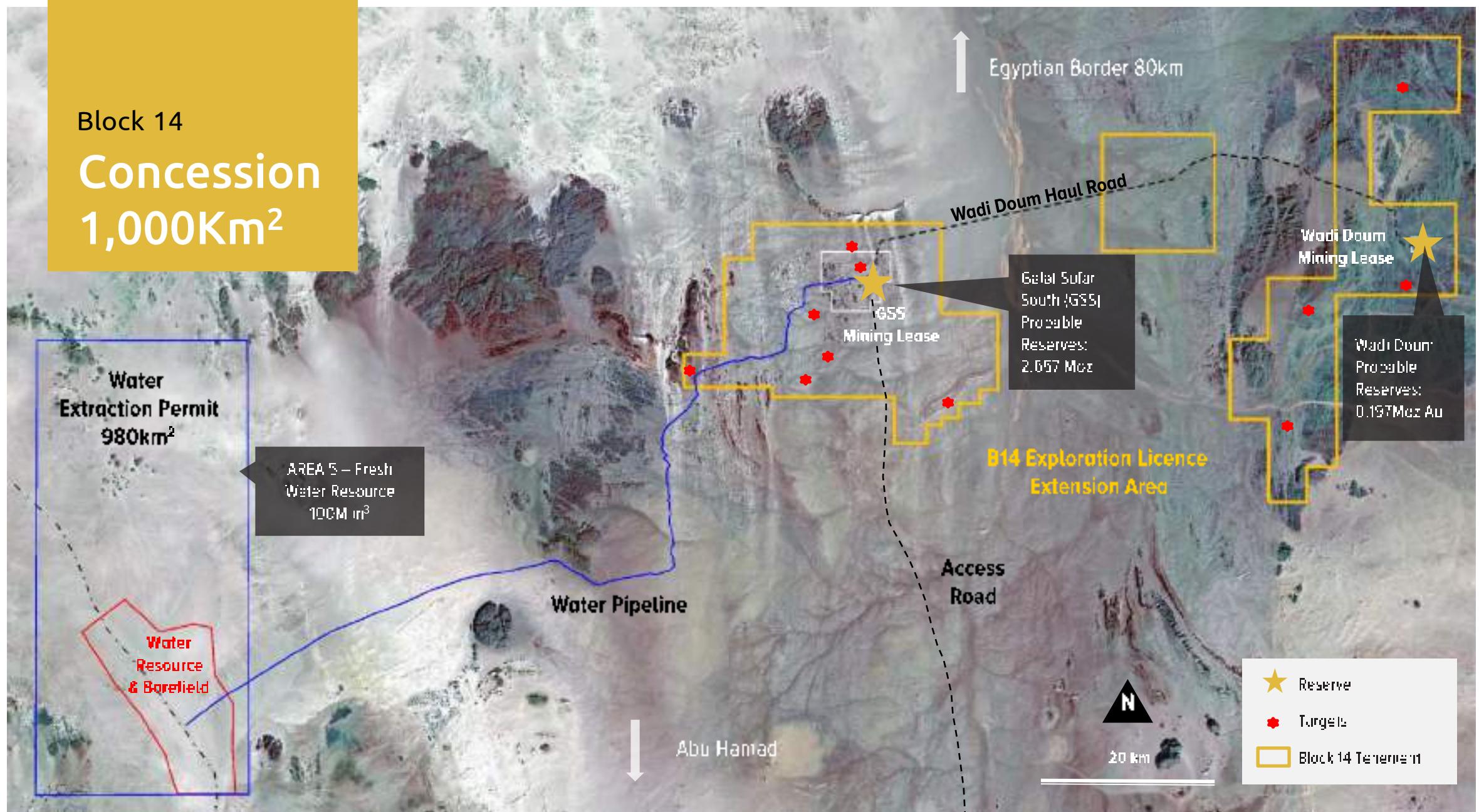
## Block 14 Gold Project



OWNERSHIP INTEREST	AFTER DEV DECISION
Orca	70%
Local Partner	10%
Government	20%

Block 14

# Concession 1,000Km<sup>2</sup>



# Permitted Water Source

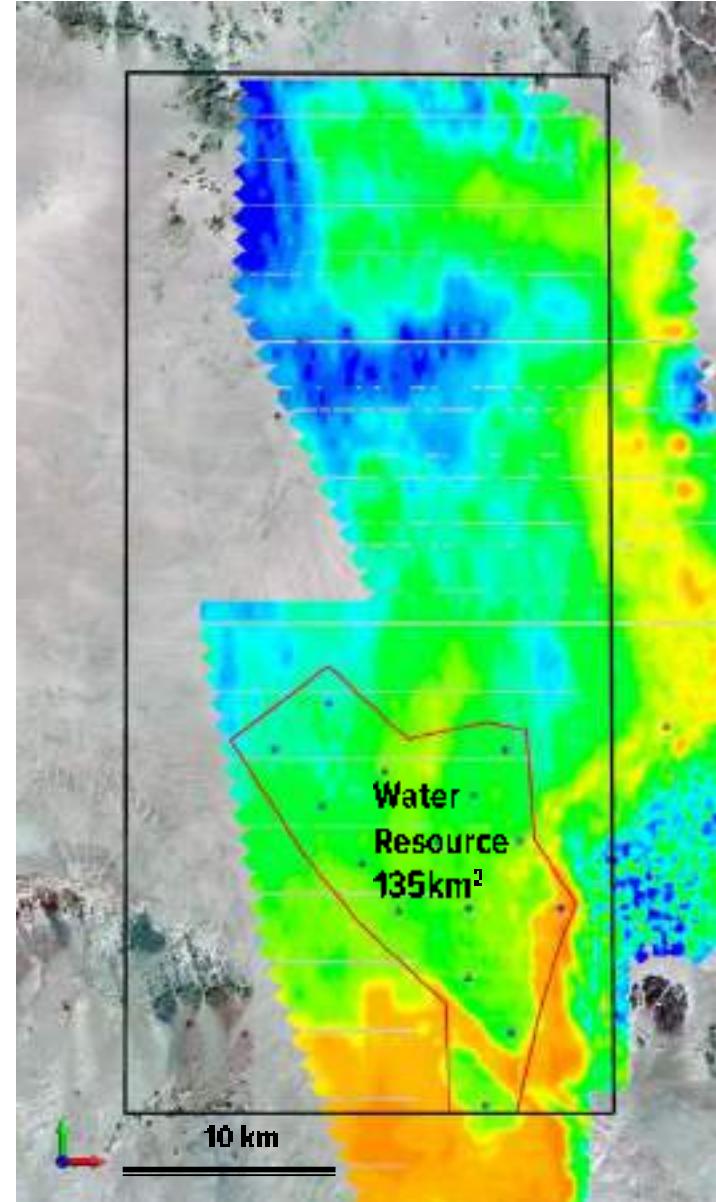


■ Geophysical Survey   ■ Drilled Resource   ■ Aquifer Target

- Measured Water Resource of 80-100Mm<sup>3</sup>
- Water Extraction Permit = 980km<sup>2</sup>
- Supports 12,500m<sup>3</sup>/day for Life of Mine
- Water is Fresh
- Only 20% of Aquifer Drilled to Date

'As defined by GCS Water and Environmental Consultants Ltd'

Supports Mill Throughput:  
**6.0 Mtpa**



Water Extraction Permit 980km<sup>2</sup>

# Resources & Reserves



RESOURCES	Mt	Au g/t	Koz
Indicated	79.9	1.30	3,342
Inferred	18.5	1.2	711

1. CIM Definition Standards were followed for the classification of Mineral Resources
2. Mineral Resources are inclusive of Mineral Reserves
3. Mineral Resources are reported above a cut-off grade of 0.8g/t
4. Mineral Reserves were optimized at at \$1.100/oz Au

RESERVES	CATEGORY	Mt	Au g/t	Koz
GSS	Probable	77.4	1.07	2,657
Wadi Doum	Probable	2.5	2.36	197

# Resources Estimate at Various Cut-Offs

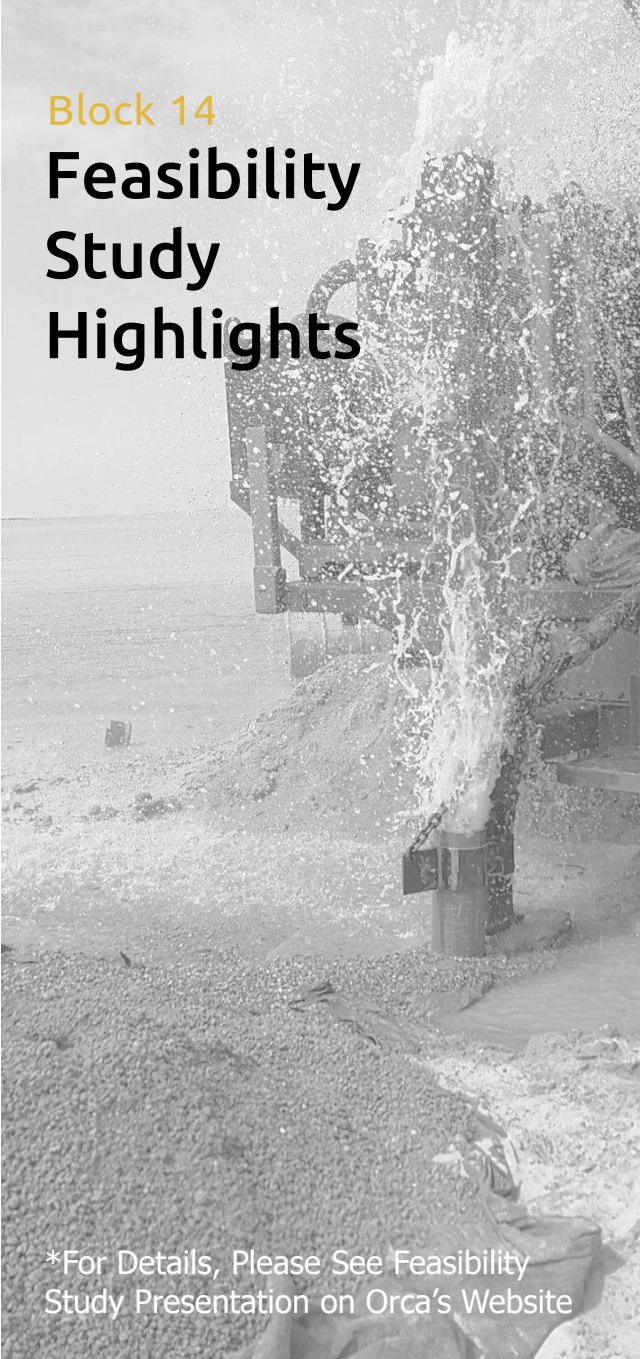
Significant higher-grade component to resource – at 1.2 g/t cut-off, there is 2Moz of indicated resource at 2 g/t Au



Deposit	Cut Off	INDICATED					INFERRED				
		Mt	Au g/t	Ag g/t	Au Koz	Ag Koz	Mt	Au g/t	Ag g/t	Au Koz	Ag Koz
Combined	0.3	136.8	0.94	1.40	4,133	6,137	40.3	0.8	1.4	1,007	1,766
	0.4	113.2	1.06	1.50	3,868	5,451	30.3	0.9	1.4	896	1,395
	0.5	94.6	1.18	1.60	3,603	4,864	23.4	1.1	1.5	797	1,123
	0.6	79.9	1.30	1.70	3,342	4,358	18.5	1.2	1.6	711	936
	0.7	67.7	1.42	1.80	3,088	3,913	14.9	1.3	1.6	636	789
	0.8	57.7	1.53	1.90	2,847	3,519	12.2	1.5	1.7	571	677
	0.9	49.3	1.65	2.00	2,619	3,169	10.1	1.6	1.8	512	584
	1.0	42.3	1.77	2.10	2,405	2,853	8.4	1.7	1.9	461	508
	1.1	36.4	1.88	2.20	2,204	2,570	7.1	1.8	1.9	415	444
	1.2	31.4	2.00	2.29	2,017	2,315	6.0	1.9	2.0	375	390

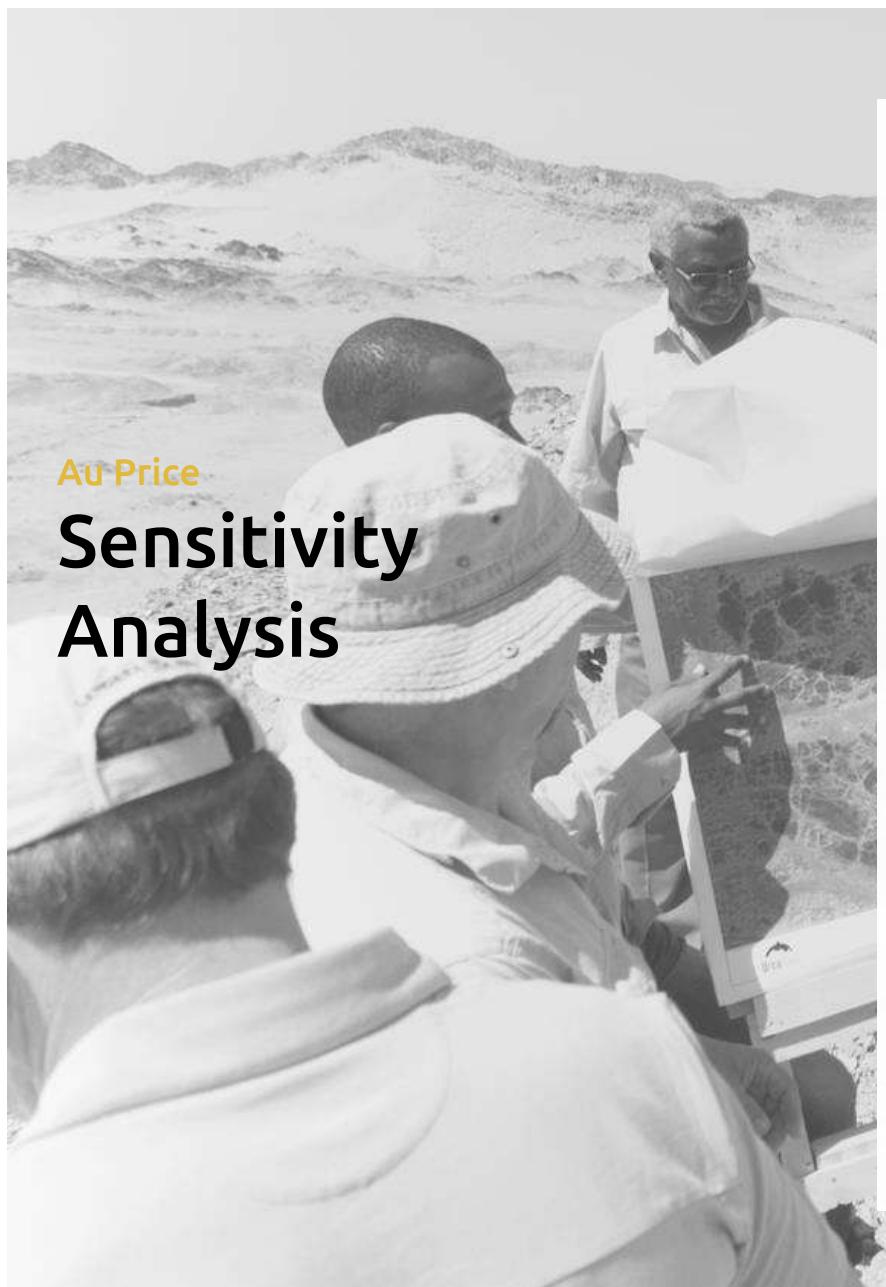
## Block 14

# Feasibility Study Highlights



\*For Details, Please See Feasibility Study Presentation on Orca's Website

METRICS	DETAILS
Production	<b>Year 1-7:</b> 5.8Mtpa at 1.5g/t for 228,000oz Au per year <b>LOM:</b> 5.9Mtpa at 1.1g/t for 172,000oz Au per year <b>Mine Life:</b> 13.6 years <b>Strip Ratio:</b> 1.49:1 <b>Recoveries:</b> 82%
Reserves	79.9 Mt at 1.11 g/t Au for 2.854 Moz
Costs	<b>Initial CapEx:</b> US\$328M <b>Sustaining CapEx:</b> US\$181M <b>AISC:</b> US\$783/oz (LOM)
Economics	<b>Pre-tax NPV<sub>5%</sub>:</b> US\$484M; <b>IRR:</b> 28.0% <b>After-tax NPV<sub>5%</sub>:</b> US\$403M; <b>IRR:</b> 24.2% <b>Payback Period:</b> 3.9 years
Assumptions	\$1,250/oz Au for Financial Model \$1,100/oz Au for Reserve Optimization
Fiscal Regime	7% Royalty; 15% Corporate Tax



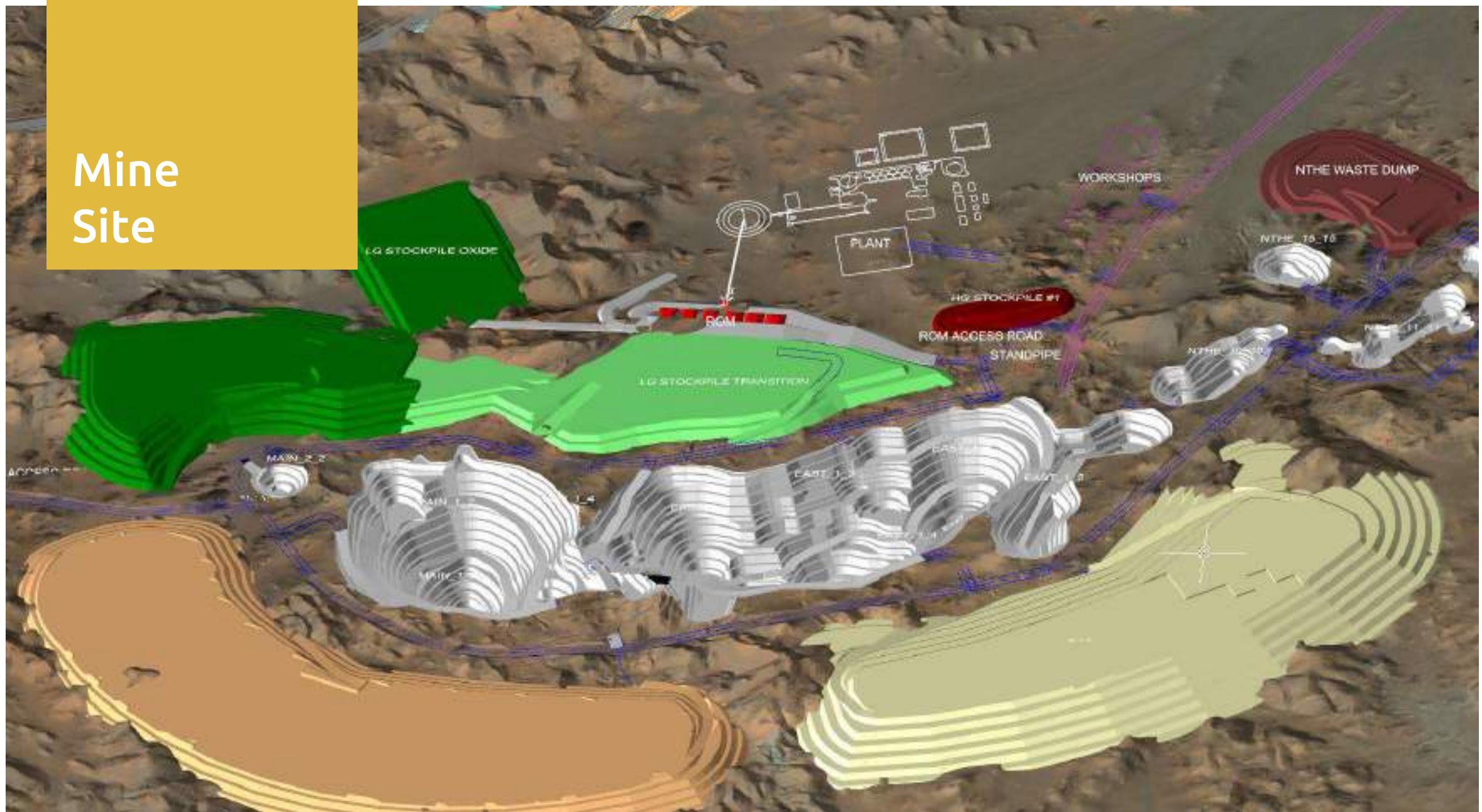
Au Price

## Sensitivity Analysis

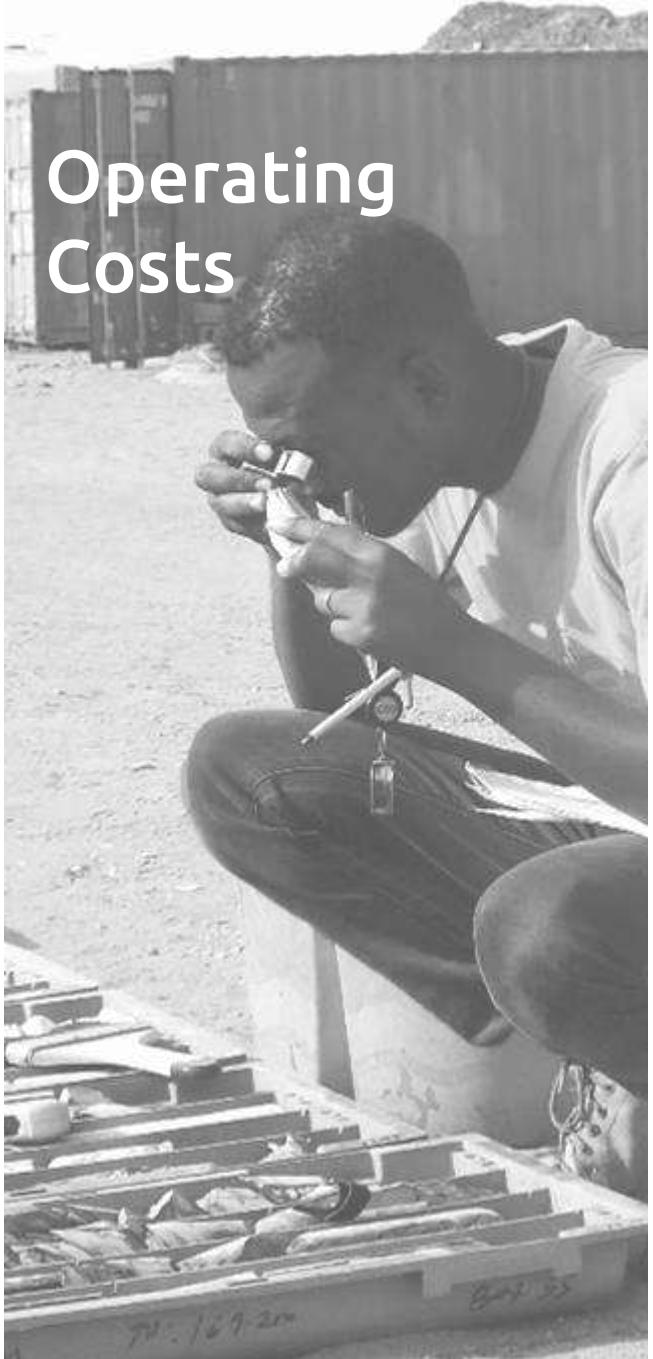
Project demonstrates robust upside with rising gold price.

AU PRICE	AFTER TAX NPV <sub>5%</sub>	IRR
\$/oz	in millions	%
\$1,200	<b>\$333</b>	21.2
<b>\$1,250</b>	<b>\$403</b>	24.2
\$1,350	<b>\$543</b>	30.0
\$1,450	<b>\$682</b>	35.7
\$1,550	<b>\$822</b>	41.1
\$1,650	<b>\$962</b>	46.5
\$1,750	<b>\$1,101</b>	51.8
\$1,850	<b>\$1,241</b>	57.0

# Mine Site

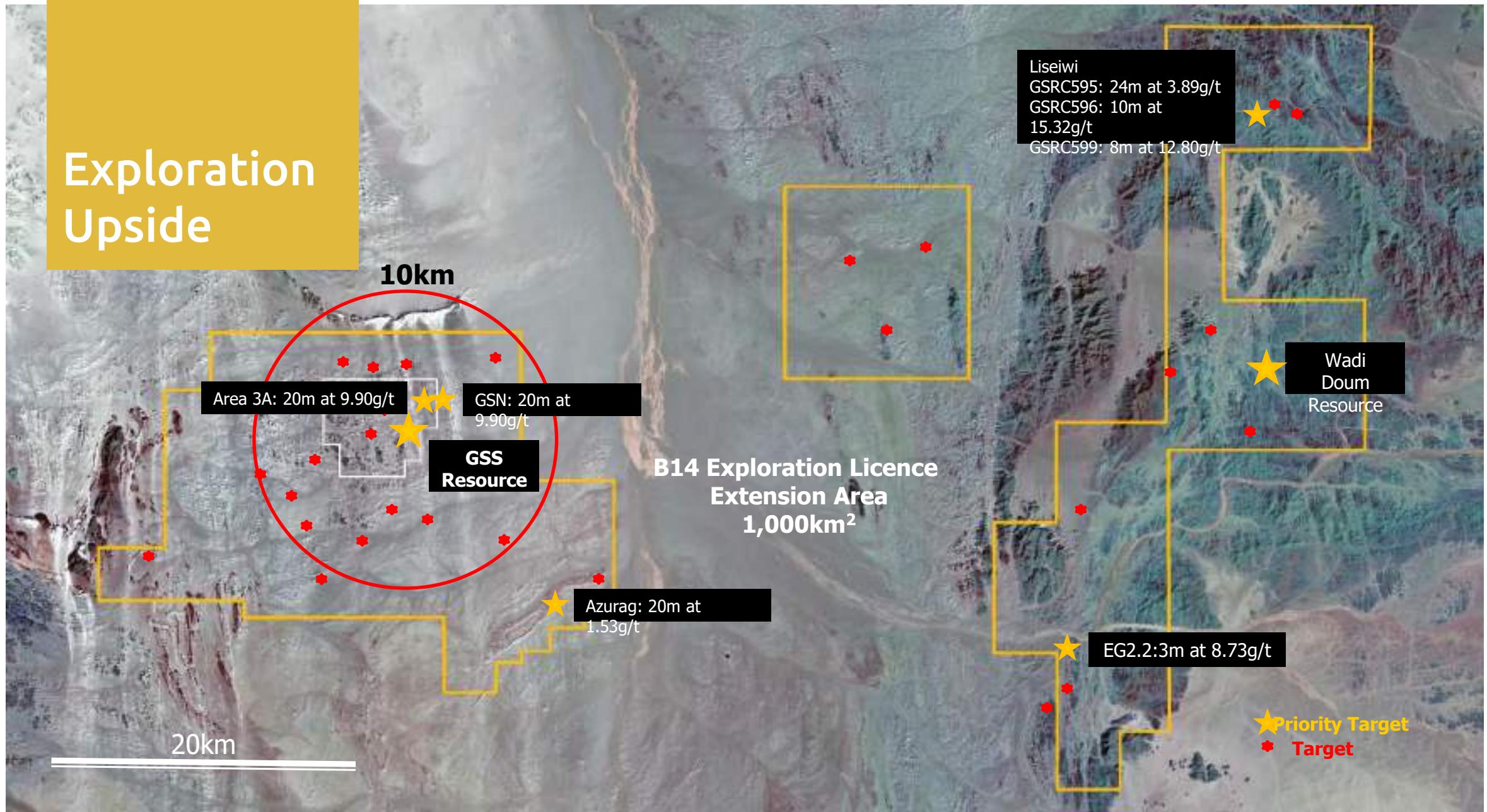


# Operating Costs



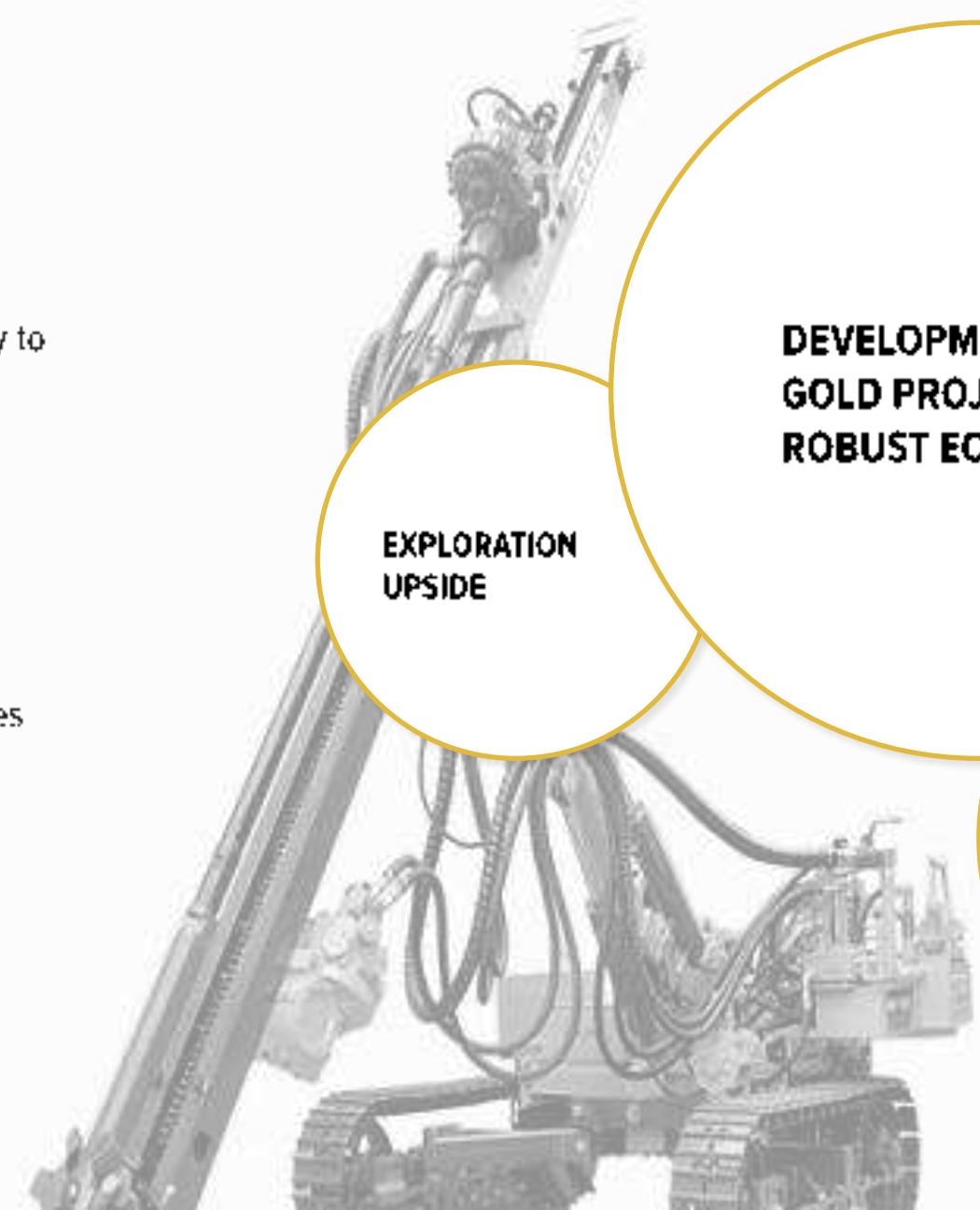
DESCRIPTION	LOM (\$/oz)	LOM (\$/t processed)
Silver Credit	(9)	(0.26)
Mining	237	6.94
Stock Pile Rehandle	15	0.44
Processing	311	9.12
G&A	59	1.72
Refining	6	0.18
Royalties	88	2.57
<b>Total Cash Cost</b>	<b>707</b>	<b>20.69</b>
Sustaining Capital	72	2.11
Closure	5	0.14
<b>All-in Sustaining Costs</b>	<b>783</b>	<b>22.94</b>

# Exploration Upside



# Investment Summary

- Government in Sudan with priority to build a mining industry
- Block 14 Gold Project is ready for construction – 228,000oz annual production for the first 7 years
- US\$822M NPV at US\$1,500 Au
- Montage Gold investment provides additional upside exposure for shareholders



EXPLORATION  
UPSIDE

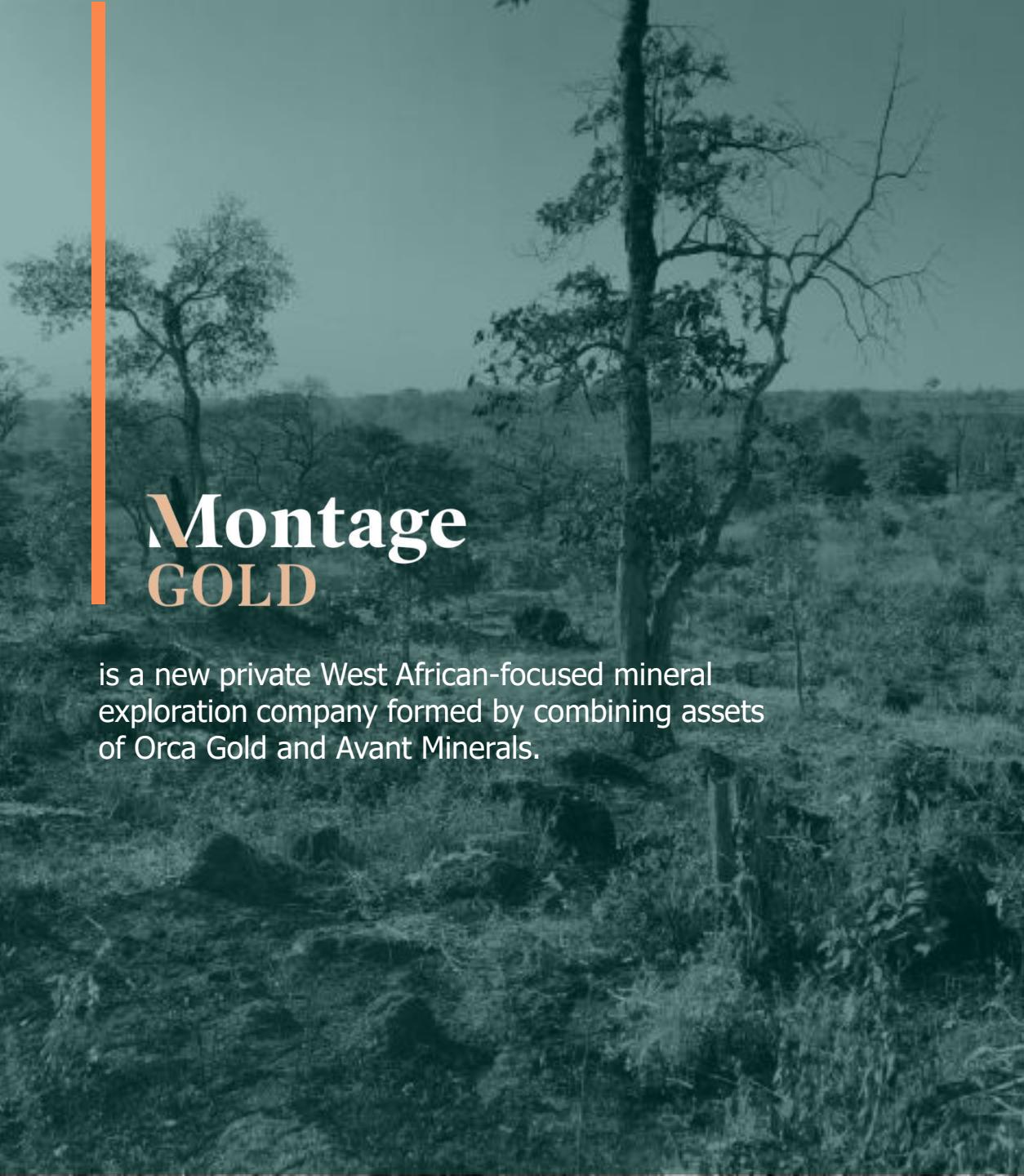
DEVELOPMENT-READY  
GOLD PROJECT WITH  
ROBUST ECONOMICS

POSITIVE POLITICAL  
DEVELOPMENTS IN SUDAN



# Appendix





# Montage GOLD

is a new private West African-focused mineral exploration company formed by combining assets of Orca Gold and Avant Minerals.

**C\$8 Million**  
in cash

**Drilling recommended May 2020**

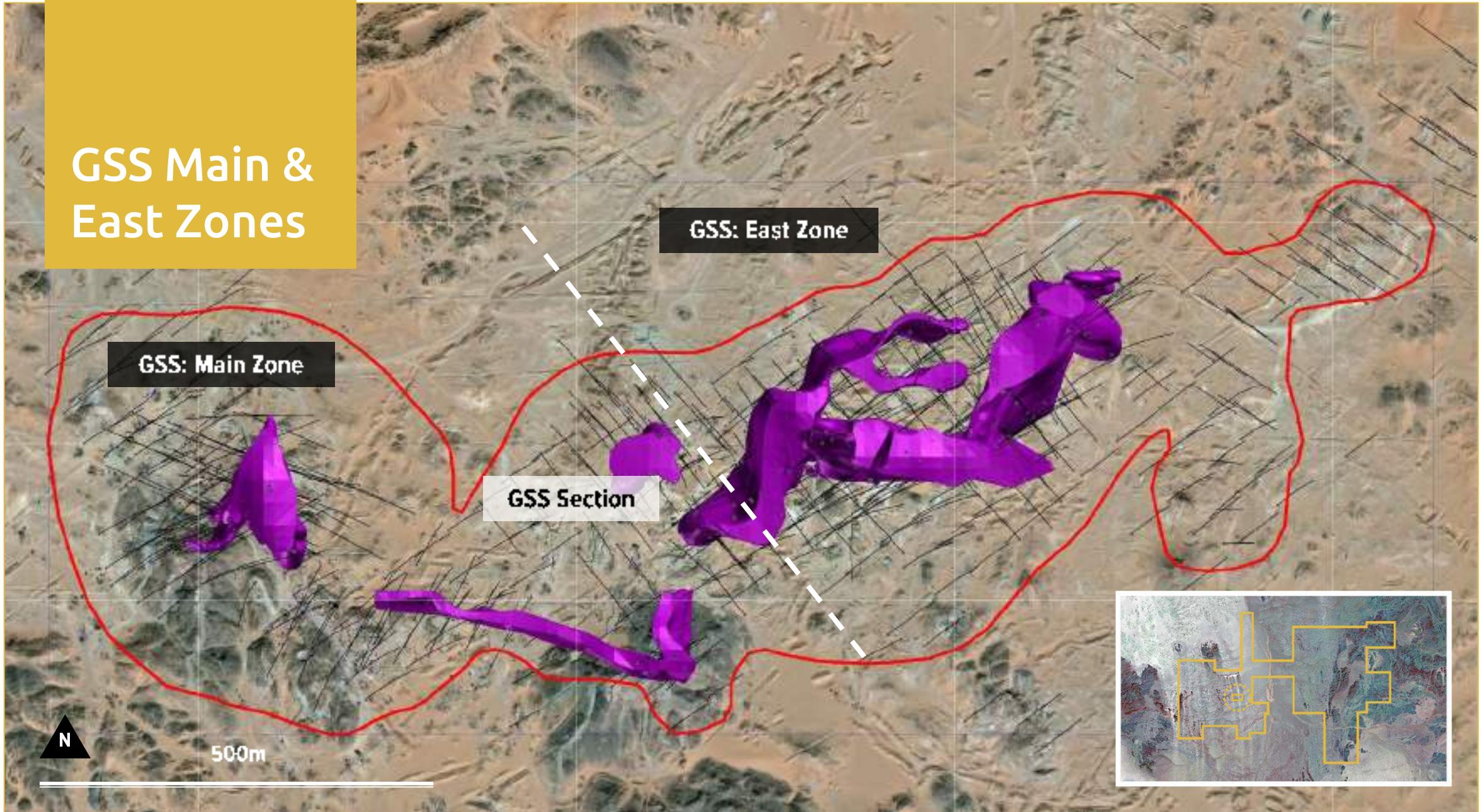
**4,243 km<sup>2</sup>**  
Portfolio of gold properties in Côte d'Ivoire

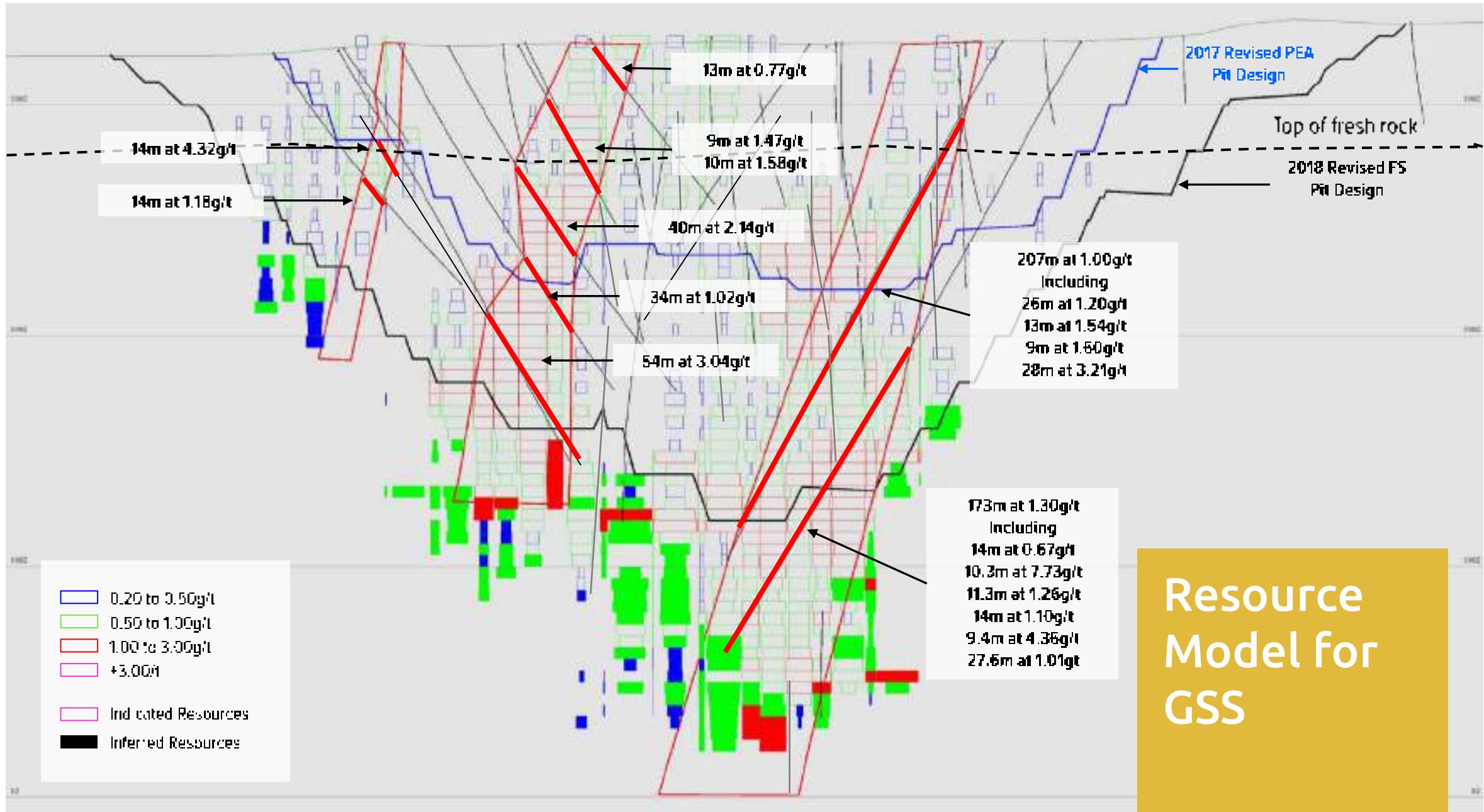
**1.2 Moz inferred mineral resources at  
Koné deposit**  
Poised to grow

**Well-capitalized**  
significant treasury and quality shareholders

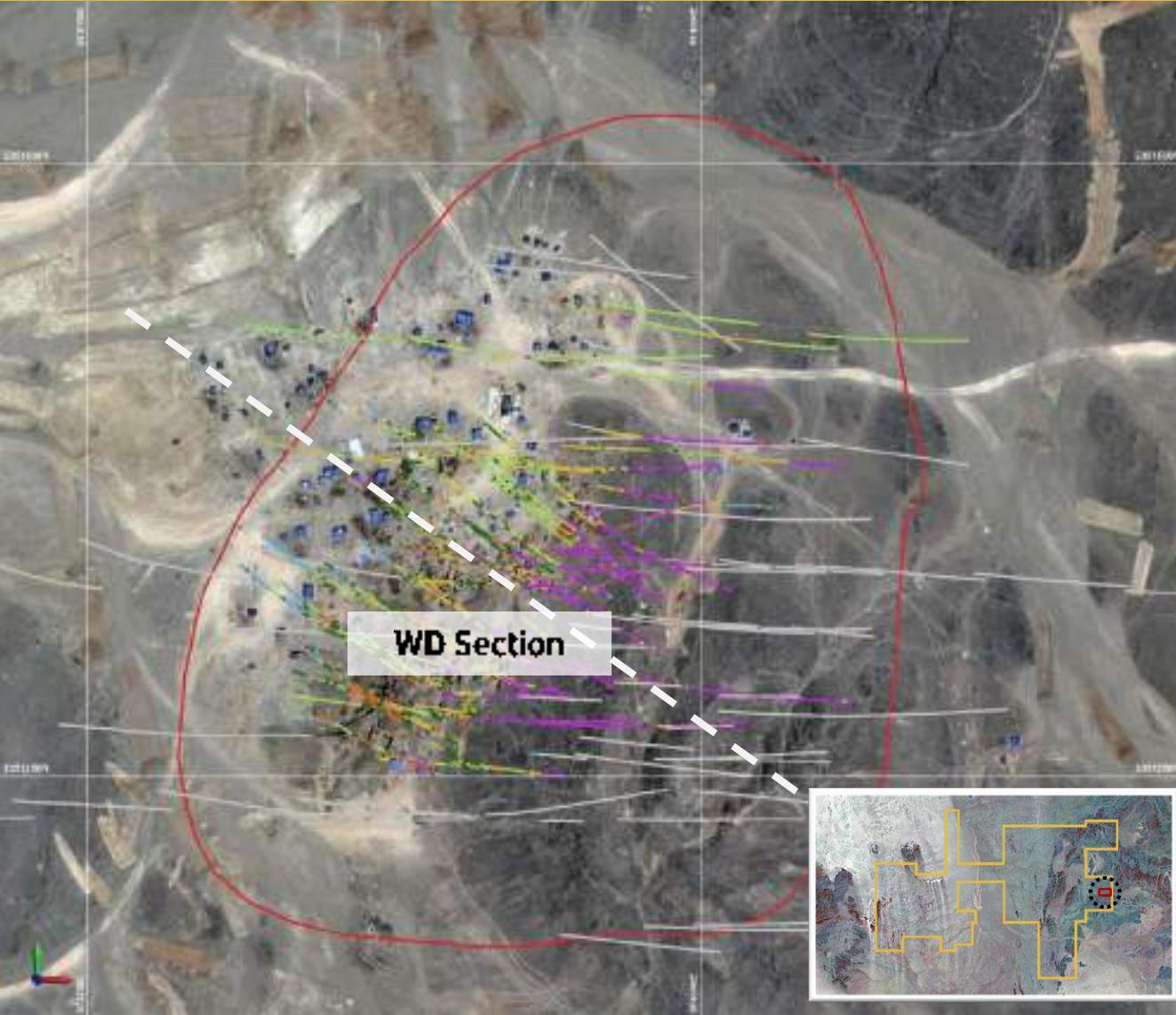
**Strong track record**  
of discovering mines that get built

## GSS Main & East Zones



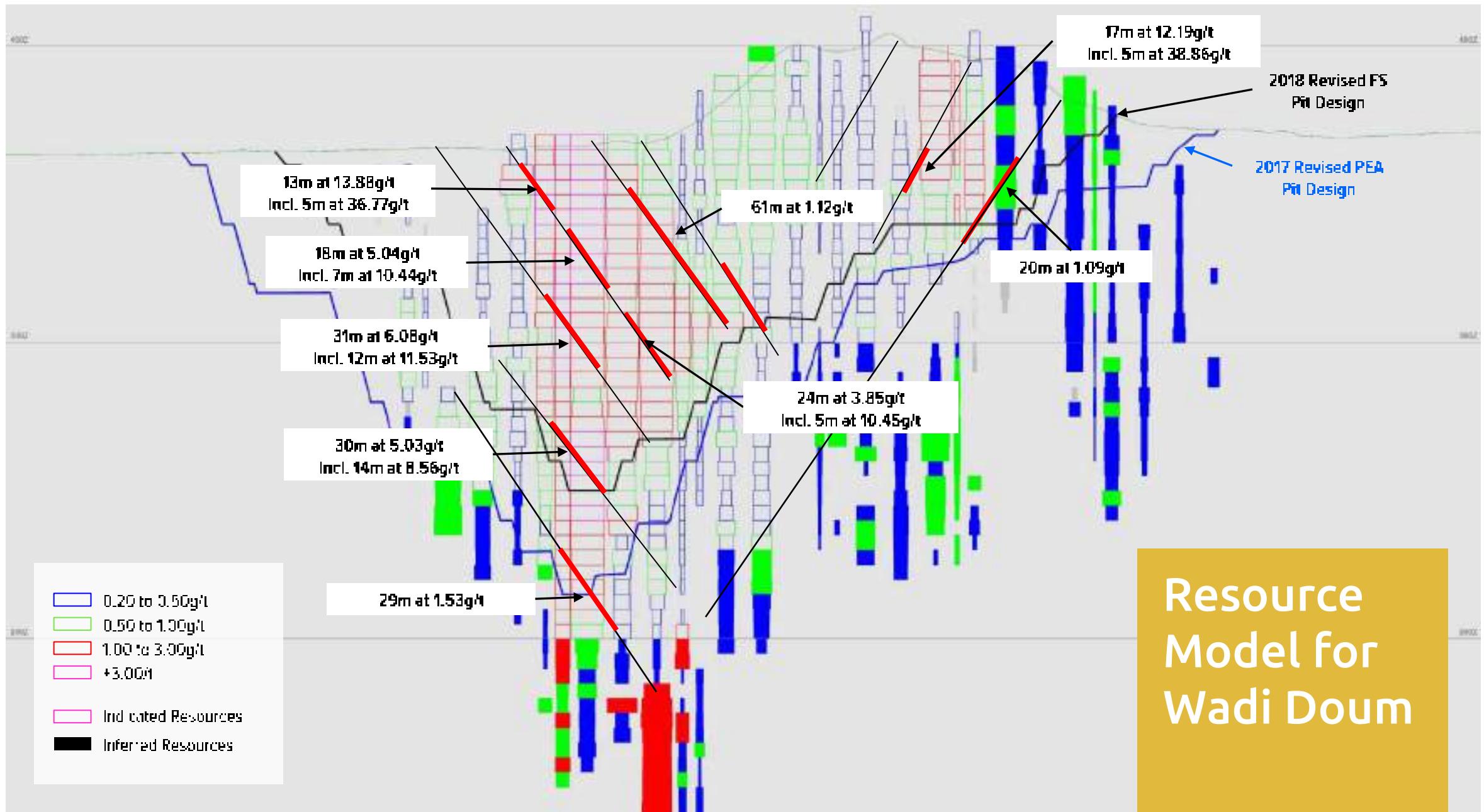


## Resource Model for GSS



## High-Grade Satellite Deposit: Wadi Doum

- High-grade intercepts untested at depth: **30m at 5.03g/t incl. 14m at 8.56g/t**
- Satellite deposit with higher grades can dramatically improve economics in the early years of production
- Drilling ongoing



## Resource Model for Wadi Doum



TSX-V: ORG

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