

## DEFINITIVE FEASIBILITY STUDY (DFS) INVESTOR PRESENTATION

OreCorp Limited (ASX: ORR) (**OreCorp** or the **Company**) is pleased to attach the Investor Presentation relating to the results of the Definitive Feasibility Study for its Nyanzaga Gold Project in Tanzania, to be presented at investor roadshows through Australia, North America and Europe, and a virtual roadshow in Asia.

**Authorised for release on behalf of the Company by the Board of Directors.**

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**ORECORP**  
LIMITED

**NYANZAGA – A SUSTAINABLE  
GOLD MINE FOR  
TANZANIA'S FUTURE**



**NYANZAGA DEFINITIVE  
FEASIBILITY STUDY**

AUGUST 2022

# IMPORTANT NOTICES AND DISCLAIMERS

## Nature of Document

The purpose of this presentation is to provide general information about OreCorp Limited (Company or OreCorp) which is current as at 22 August 2022 and it includes information extracted from the Company's announcements released to ASX (available at [www.asx.com.au](http://www.asx.com.au)) including the announcement dated 22 August 2022 entitled "Definitive Feasibility Study Delivers Robust Case for Development at the Nyanzaga Gold Project". It is information in a summary form and does not purport to be complete.

## Cautionary Statement

**The production target for the Project disclosed in this presentation comprises 92% Probable Ore Reserves and 8% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources, and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.**

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This presentation contains certain forward-looking statements, guidance, forecasts, estimates, prospects, projections and statements in relation to future matters that may involve risks or uncertainties and may involve significant items of subjective judgement and assumptions of future events, which as at the date of this presentation are considered reasonable, but that may or may not eventuate (**Forward-Looking Statements**). Forward-Looking Statements can generally be identified by the use of forward-looking words such as, 'anticipate', 'estimates' 'will', 'should', 'could', 'may', 'expects', 'plans', 'forecast', 'target' or similar expressions and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production and expected costs. Indications of, and guidance on future earnings, cash flows, costs, financial position and performance are also Forward-Looking Statements. All of the results of the DFS constitute Forward-Looking Statements, including future production targets, estimates of internal rates of return, net present value, assumed long-term gold price, proposed mining plans and methods, mine life estimates, cashflow forecasts and estimates of capital and operating costs. Statements concerning mineral resource and ore reserve estimates may also be deemed to constitute forward-looking information to the extent that they involve estimates of the mineralisation that will be encountered if a mineral property is developed.

Persons reading this presentation are cautioned that such statements are only predictions, and that actual future results or performance may be materially different. Forward-Looking Statements, opinions and estimates included in this presentation are based on assumptions and contingencies which are subject to change, without notice, as are statements about market and industry trends, which are based on interpretation of current market conditions. Forward-Looking Statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward-Looking Statements are subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. No representation or warranty, express or implied, is made by OreCorp that any Forward-Looking Statement will be achieved or proved to be correct. Further, OreCorp disclaims any intent or obligations to update or revise any Forward-Looking Statements whether as a result of new information, estimates or options, future events or results or otherwise, unless required to do so by law.




# NYANZAGA DEFINITIVE FEASIBILITY STUDY HIGHLIGHTS




**Exceptional Production Profile**

242koz gold pa over first 10 years, peak 295koz




**Long Life Operation**

LOM 10.7 years




**Low cost High Margin**

AISC LOM US\$954/oz




**Pre-Production Capital Cost**

US\$474M




**Robust NPV<sub>5</sub> and IRR (post-tax)**

NPV US\$618M  
IRR 25%  
at US\$1,750/oz



**Payback Period**

3.7 Years (post -tax)



**Low CO<sub>2</sub> Emissions**

0.58t CO<sub>2</sub>e/oz  
  
(17% less emissions intensive)

**New mine, no legacy issues**

**Experienced Board & Management to deliver**

**Conventional mining and processing**

**Debt advisors appointed and financing underway**

**Targeting production from 2025**

Notes:  
Financial metrics have been completed on a 100% project basis and is based on a long-term gold price of US\$1,750/oz.  
Emissions intensity averaged 0.7 t CO<sub>2</sub>e/ounce of gold produced in 2020 by more than 90 leading gold mines globally (S&P Global Market Intelligence, September 2021).





## CAPITAL STRUCTURE

### ORR - ASX Code

**399M**

Shares on  
issue

**Directors &  
Management**

**1.9M** Performance rights  
**5.2M** Unlisted options

**38%**

Institutional  
shareholders

**68%**

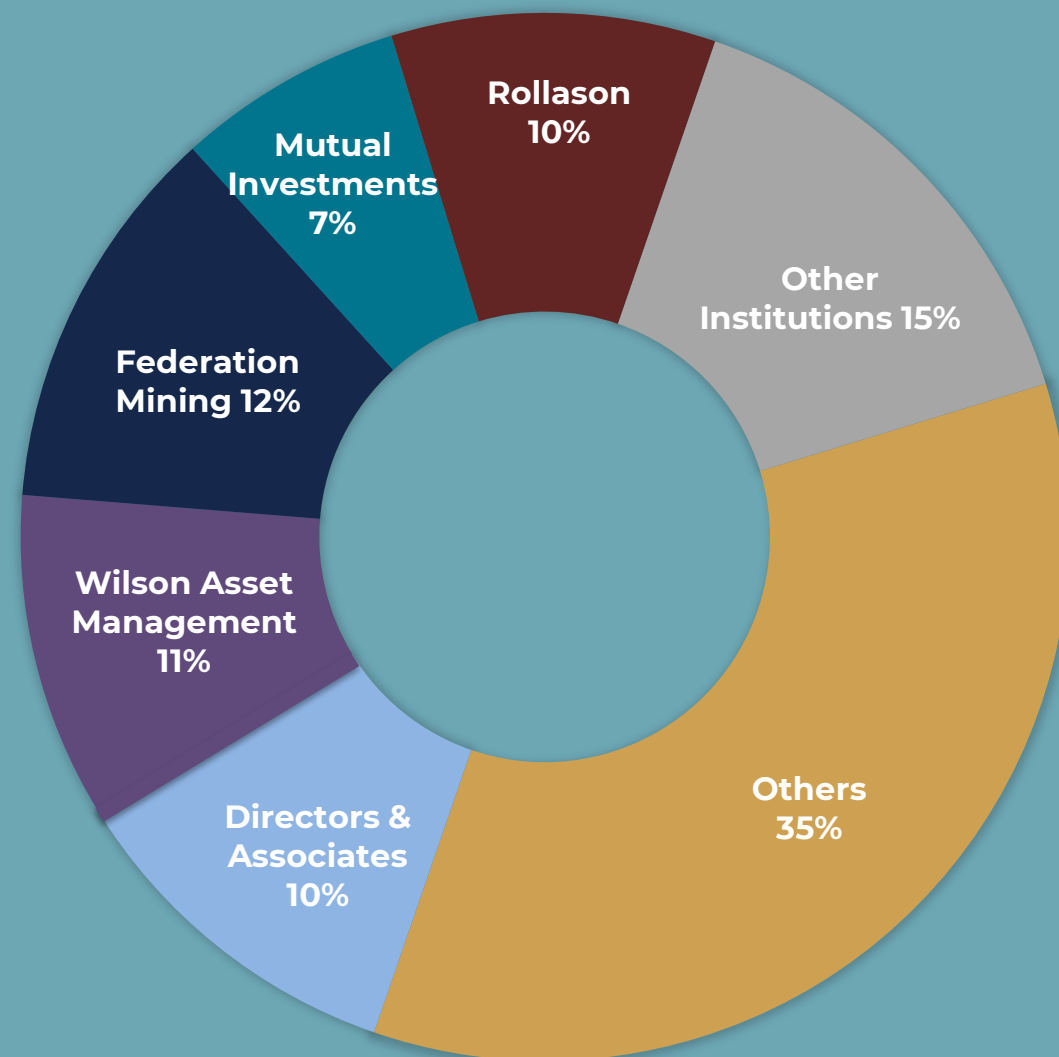
Top 20  
shareholders

**A\$31.9M**

Cash (as at 30 June  
2022, unaudited)

**No  
Debt**

## SHAREHOLDING



# EXPERIENCED AND ENGAGED BOARD & MANAGEMENT

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**CRAIG WILLIAMS**  
**Non-Executive Chairman**

Co-Founder and CEO of Equinox Minerals – US\$7 billion acquisition by Barrick Gold.

**MATTHEW YATES**  
**CEO & Managing Director**

Former joint MD of Mantra Resources and MD of OmegaCorp, >20 years African experience.

**MIKE KLESSENS**  
**Non-Executive Director**

Certified Practicing Accountant, former 10 year CFO of Equinox Minerals

**ALASTAIR MORRISON**  
**Non-Executive Director**

Former resident Exploration Manager at North Mara in Tanzania

**ROBERT RIGO**  
**Non-Executive Director**

Former VP Project Development of Equinox Minerals, >35 years experience,

**HENK DIEDERICHS**  
**Chief Operating Officer**

Mechanical Engineer with >20 years experience in development & operation of mines

**TANIA CHENG**  
**Chief Financial Officer**

Chartered Accountant, with over 20 years of accounting and finance experience

**JESSICA O'HARA**  
**Company Secretary**

Lawyer, with extensive experience in general corporate law and regulatory compliance



# TANZANIAN GOLD MINING JURISDICTION

## AFRICA



Fiscal – 30% Corporate Tax, 6% Royalty (4% for gold sold at Tanzanian refineries), 1% Inspection Fee, 0.3% Service Levy for local community



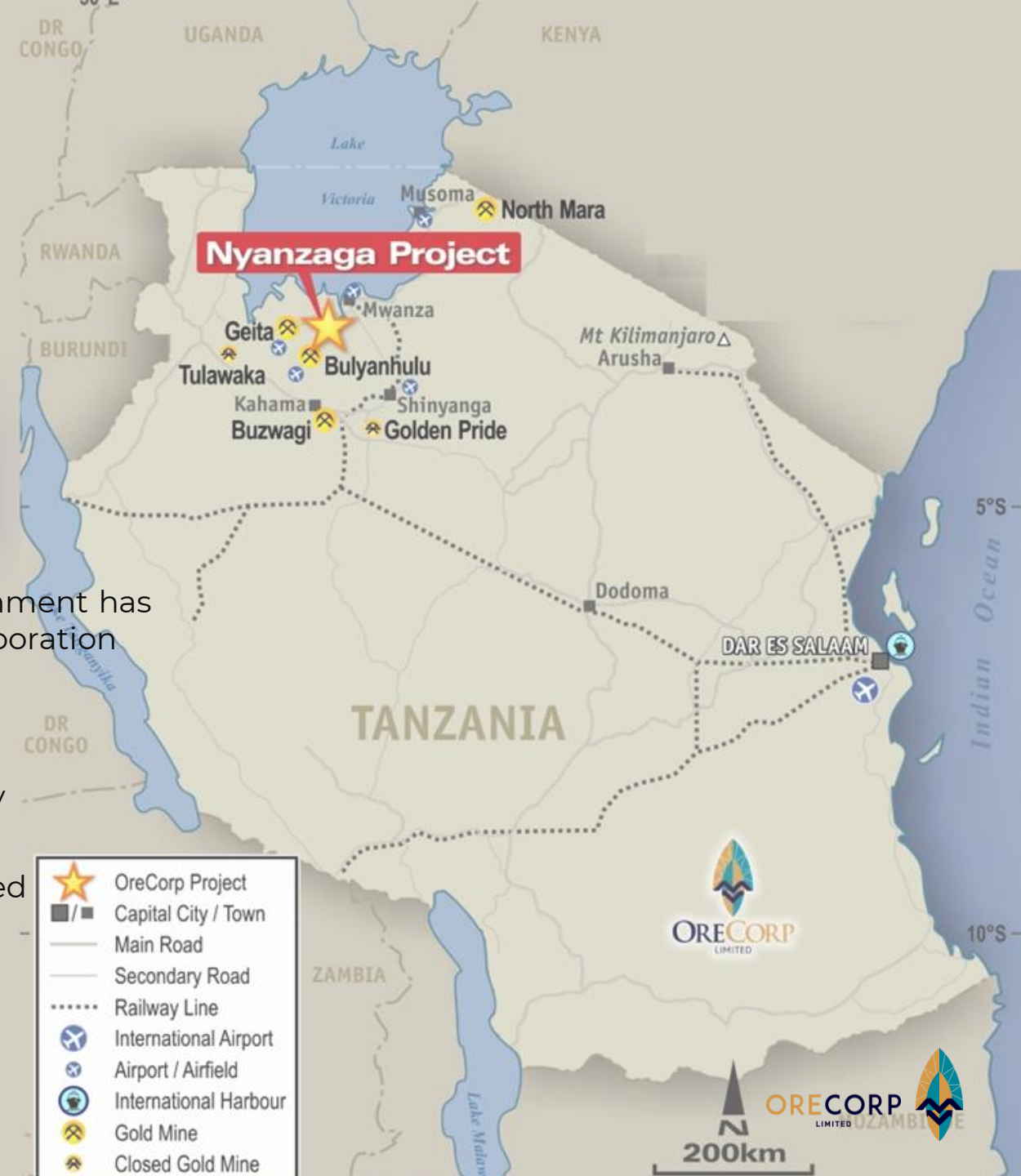
In accordance with Tanzania's mining legislation, the Government has been granted a 16% free carried interest in Sotta Mining Corporation Limited (SMCL) without any attached financial obligation



OreCorp has a long history in Tanzania and a very strong relationship with government and with the local community



Nyanzaga aims to be the first large scale gold mine developed under the new regulatory regime





# A PROVINCE OF WORLD CLASS GOLD ENDOWMENT



Located in Lake Victoria Goldfields (LVGF), north-western Tanzania, 60km southwest of Mwanza, 60km east of Geita gold mine and 35km northeast of Bulyanhulu gold mine



Highly prospective Archaean greenstone terrain



Lake Victoria Goldfields is a major gold producer

~25Moz historical gold production

~25Moz of gold reserves and resources within 100km radius of Nyanzaga





## ESTABLISHED AND ACCESSIBLE INFRASTRUCTURE

### PERMITS

- Granted SML (23.4km<sup>2</sup>) held by Sotta Mining Corporation – Joint Venture between OreCorp (84%) and the Government of Tanzania (16%)

- Environmental Certificate granted

### POWER

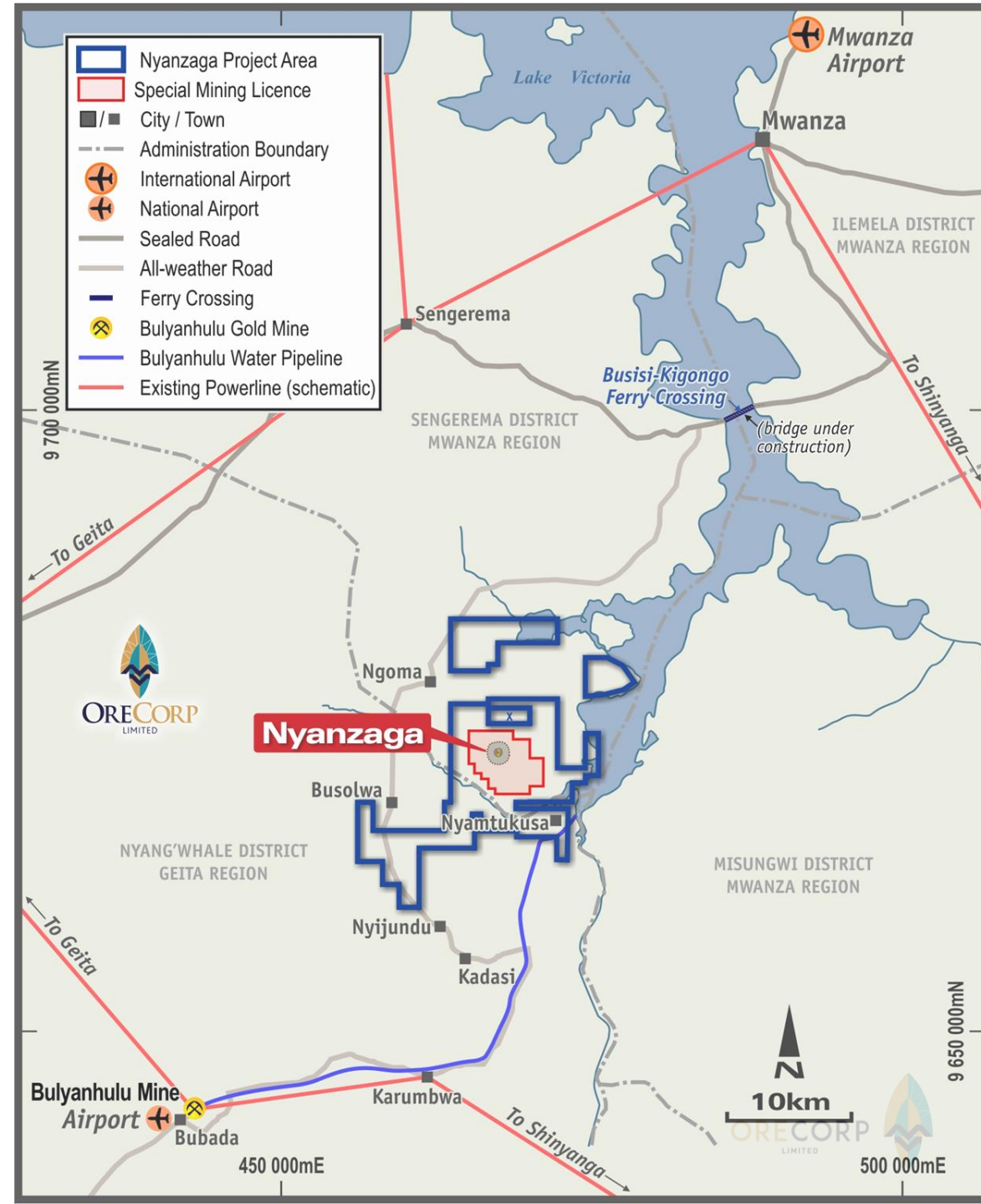
- Low cost (US\$0.08/kWh) and available power in Tanzania with grid being expanded to 3,800MW
- Hydro power delivering 71% of Tanzania's electricity upon completion of JNHS; remainder is LNG – Green Power
- 53km transmission line to be constructed to site

### ACCESS

- 60kms from Mwanza – Tanzania's second biggest city
- Established regional sealed road network
- Bridge construction underway to replace ferry at Busisi
- Water from Lake Victoria - 6km east of the Project

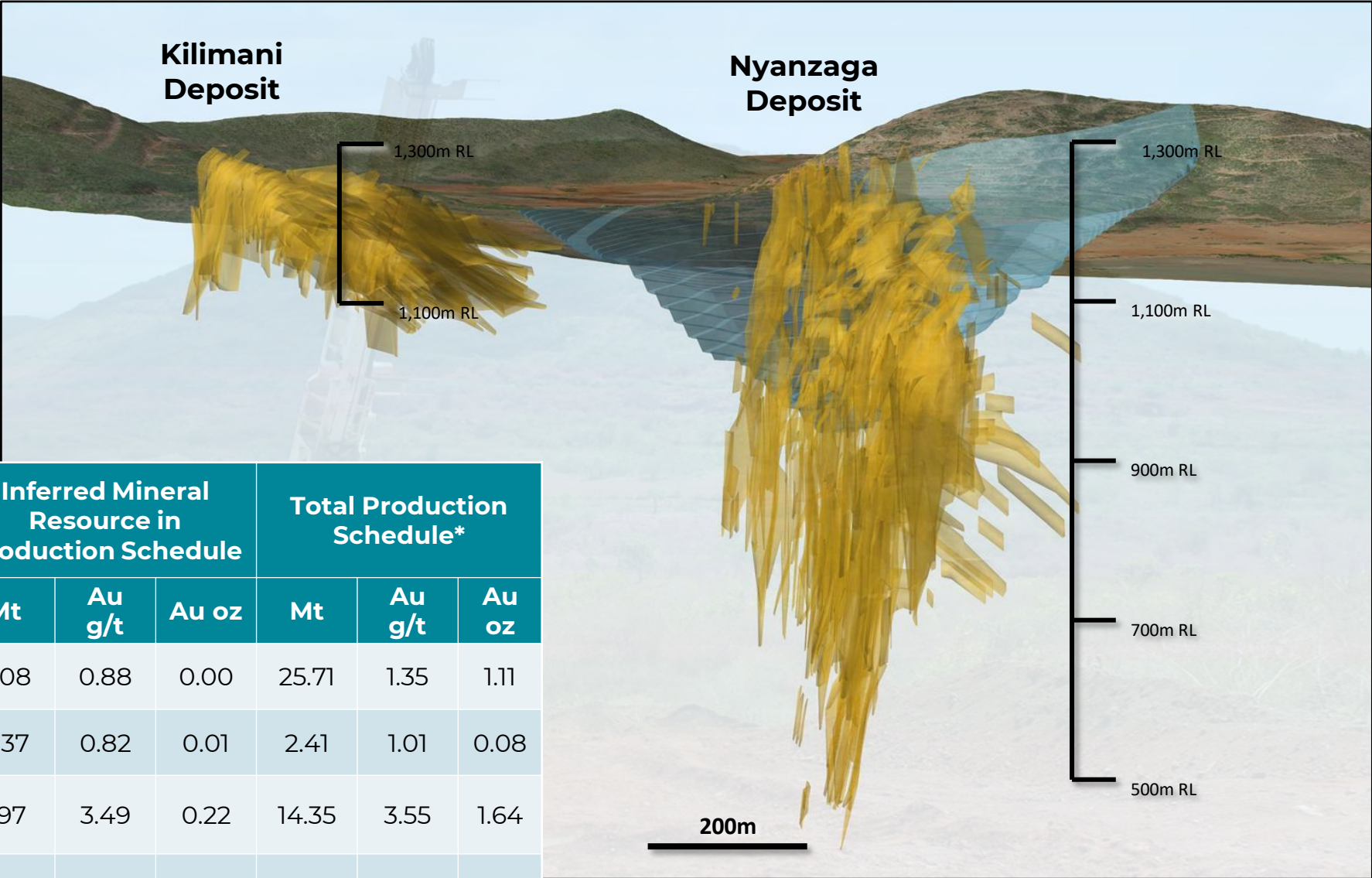
### PERSONNEL

- Logistical supply chains for equipment and consumables
- Skilled personnel for rapid local scale up of on-ground activities



NYANZAGA MAIDEN ORE RESERVE AND PRODUCTION SCHEDULE (US\$ 1,500/oz)

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Mine Area	Probable Ore Reserve			Inferred Mineral Resource in Production Schedule			Total Production Schedule*		
	Mt	Au g/t	Au oz	Mt	Au g/t	Au oz	Mt	Au g/t	Au oz
Nyanzaga open pit	25.63	1.35	1.11	0.08	0.88	0.00	25.71	1.35	1.11
Kilimani open pit	2.04	1.05	0.07	0.37	0.82	0.01	2.41	1.01	0.08
Nyanzaga underground	12.42	3.57	1.42	1.97	3.49	0.22	14.35	3.55	1.64
Total	40.08	2.02	2.60	2.42	2.95	0.23	42.51	2.07	2.83

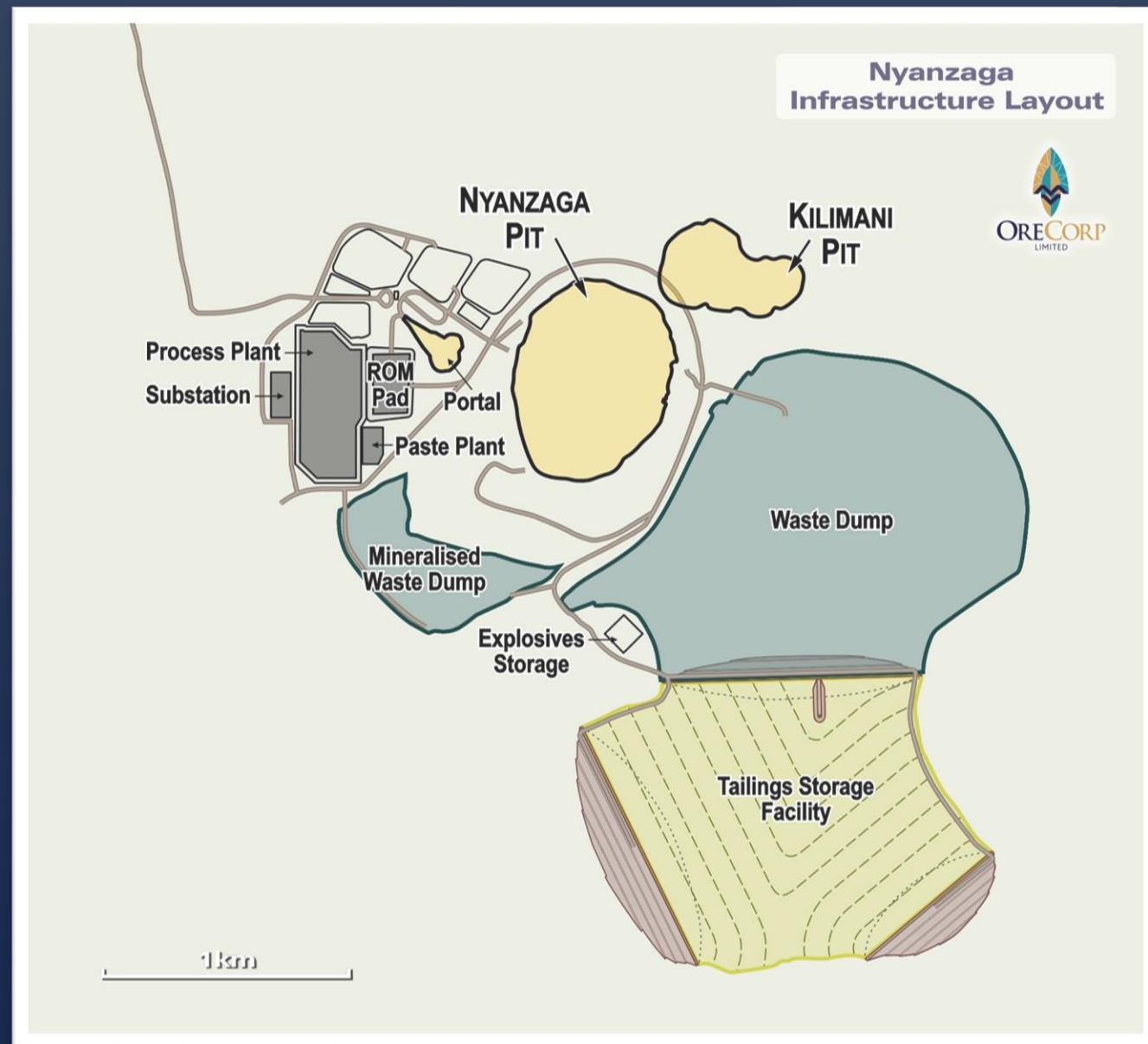
\* Refer to Cautionary Statement on Slide 2





## OPEN PIT MINING

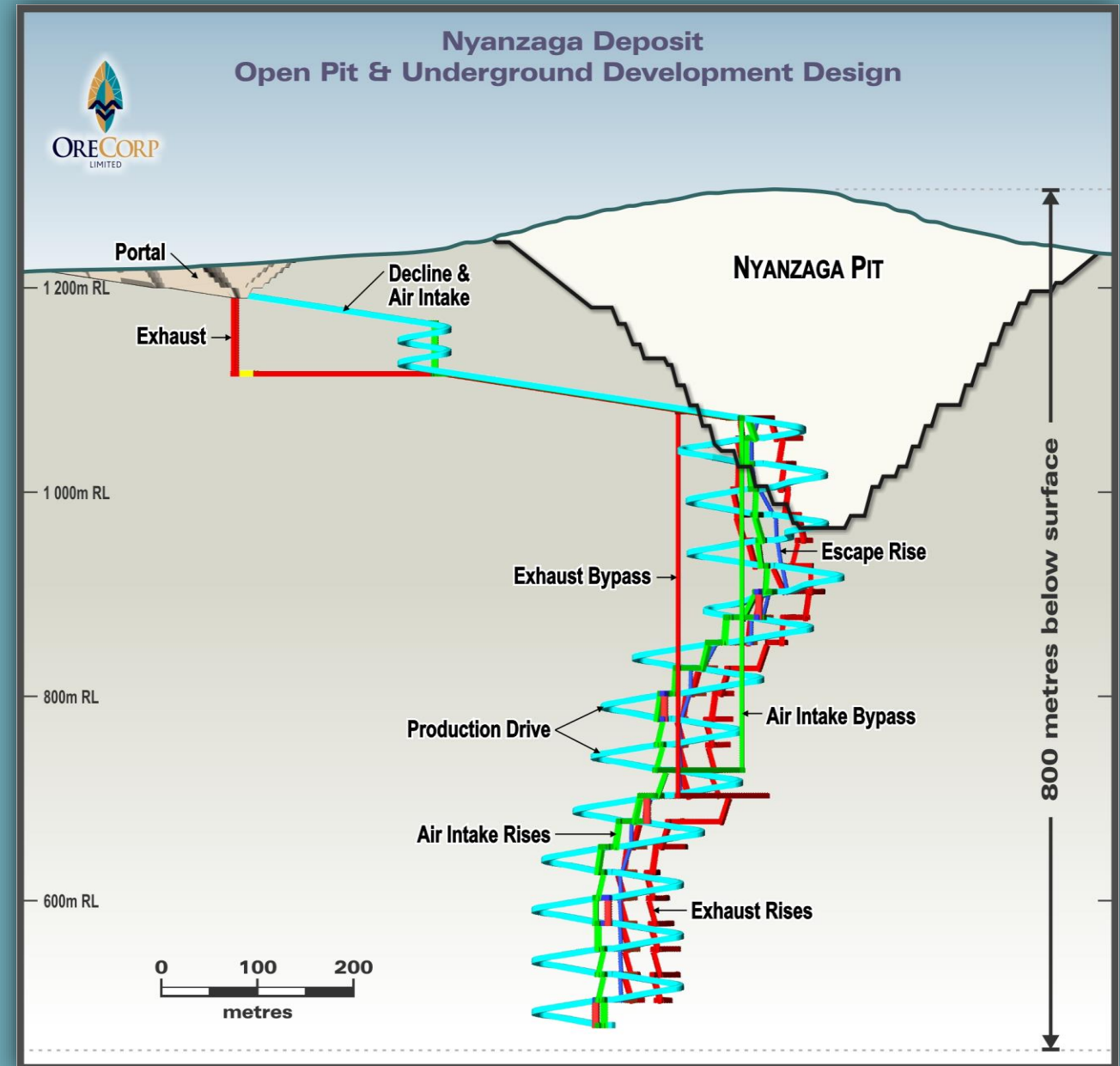
- Conventional open pit mining – 250 and 150 tonne excavators and 100 tonne trucks
- Nyanzaga: three-stage open pit  
Kilimani: single stage
- 10m and 5m benches in waste and ore respectively
- Low LOM strip ratio 3.7:1 (waste:ore)
- 2.5Mtpa of ore mined
- Combined open pits grading 1.3 g/t using a 0.5 g/t lower cut-off
- 1.19Moz gold mined over LOM
- LOM open pit mining cost US\$3.77/t



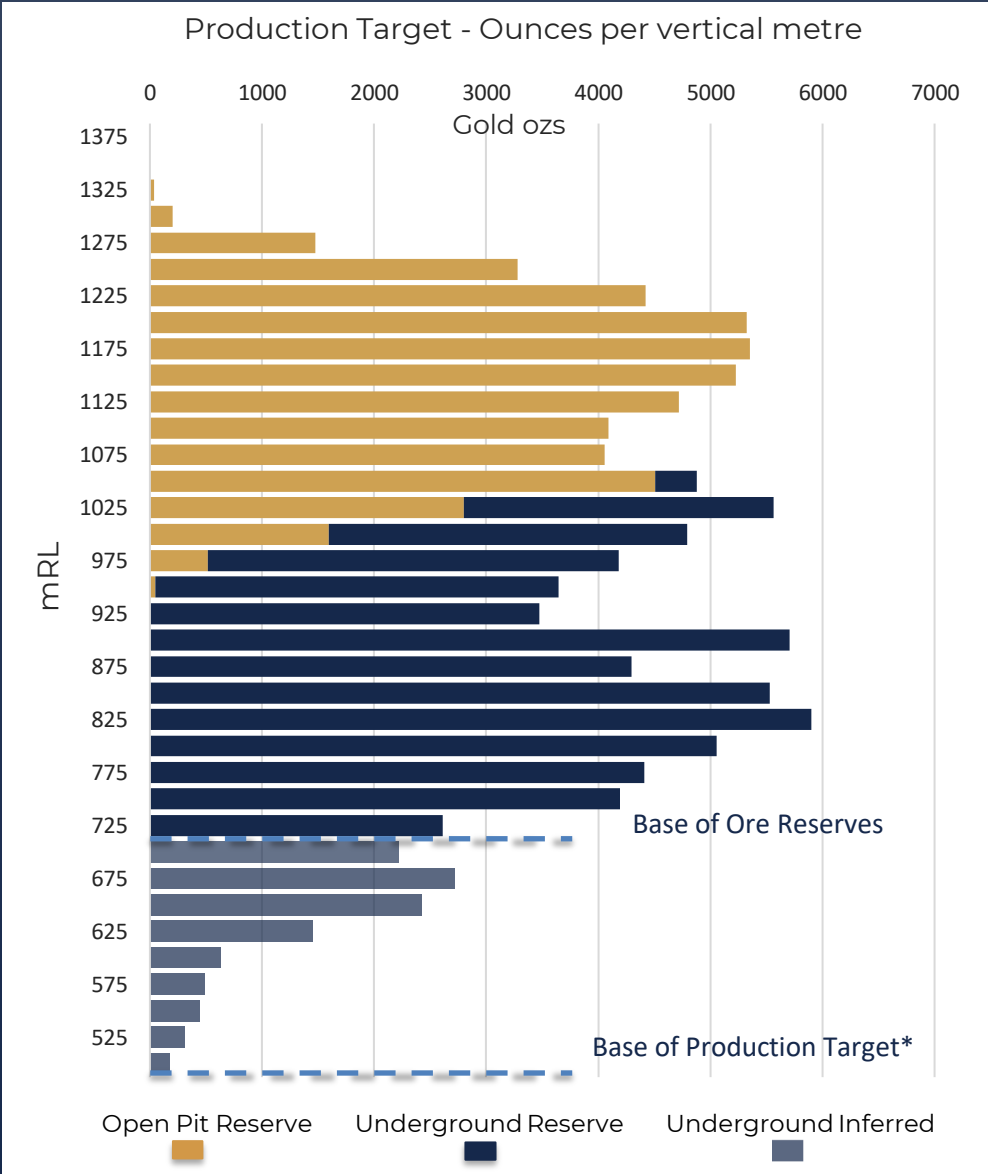
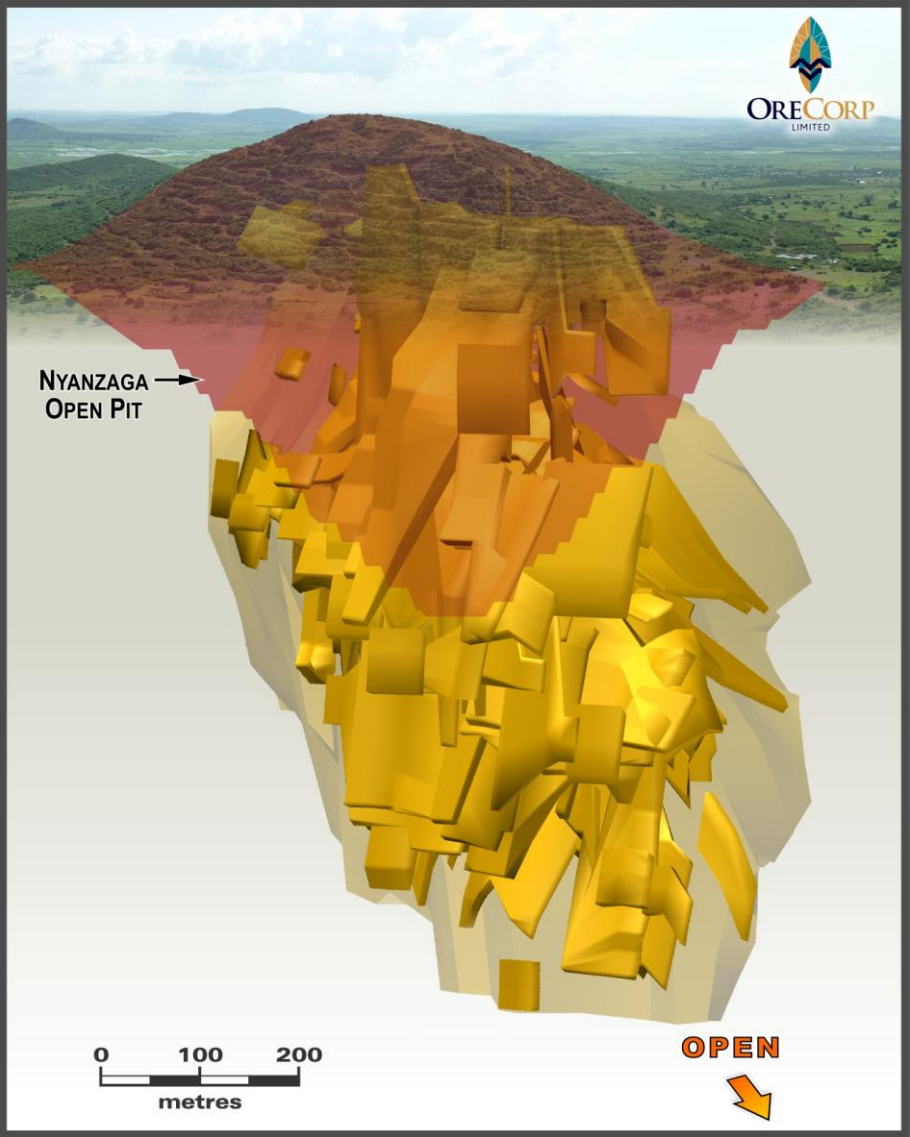


## UNDERGROUND MINING

- Development six months ahead of open pit
- Access via main surface portal, 6.0m X 6.5m decline developed at 1:7 gradient
- Longhole open stoping with cemented paste backfill on retreat
- 21 tonne loaders and 63 tonne trucks
- Average 1.5Mtpa mined
- Average grade 3.55 g/t using 2 g/t cut-off
- 1.64Moz gold mined over LOM
- LOM underground mining cost: US\$57.35/t



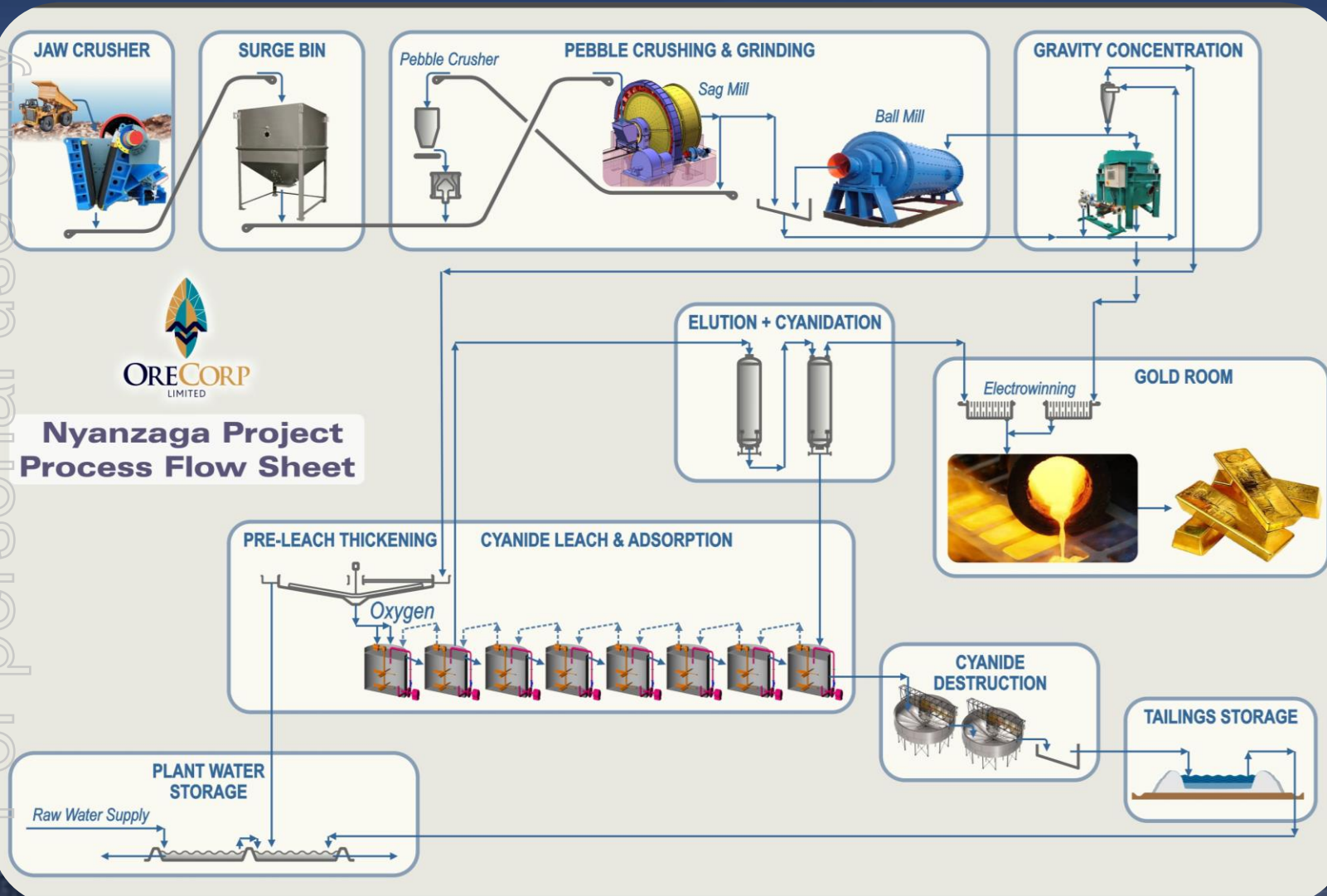
# SCALE, GRADE AND GEOLOGY ARE KEY TO NYANZAGA



\* Refer to Cautionary Statement on Slide 2



# CONVENTIONAL GOLD PROCESSING PLANT



4Mtpa SABC with carbon in leach (CIL) processing plant

Relatively hard mill feed, BWI 21.4 kWh/t – utilises grid power

Material ground to 80% passing 75 microns

Reagent consumptions within normal ranges

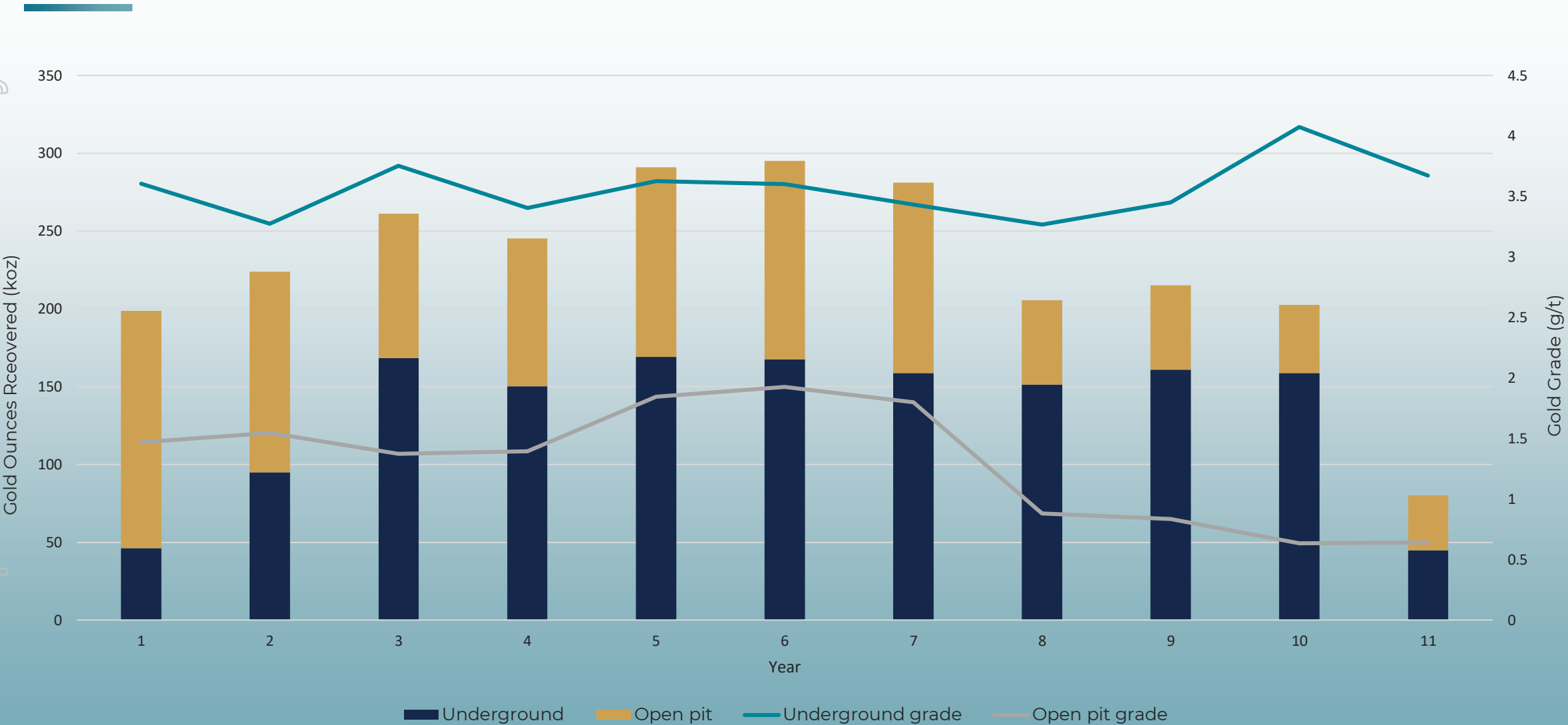
Average LOM gold recovery is 88%

LOM processing cost is US\$11.37/t



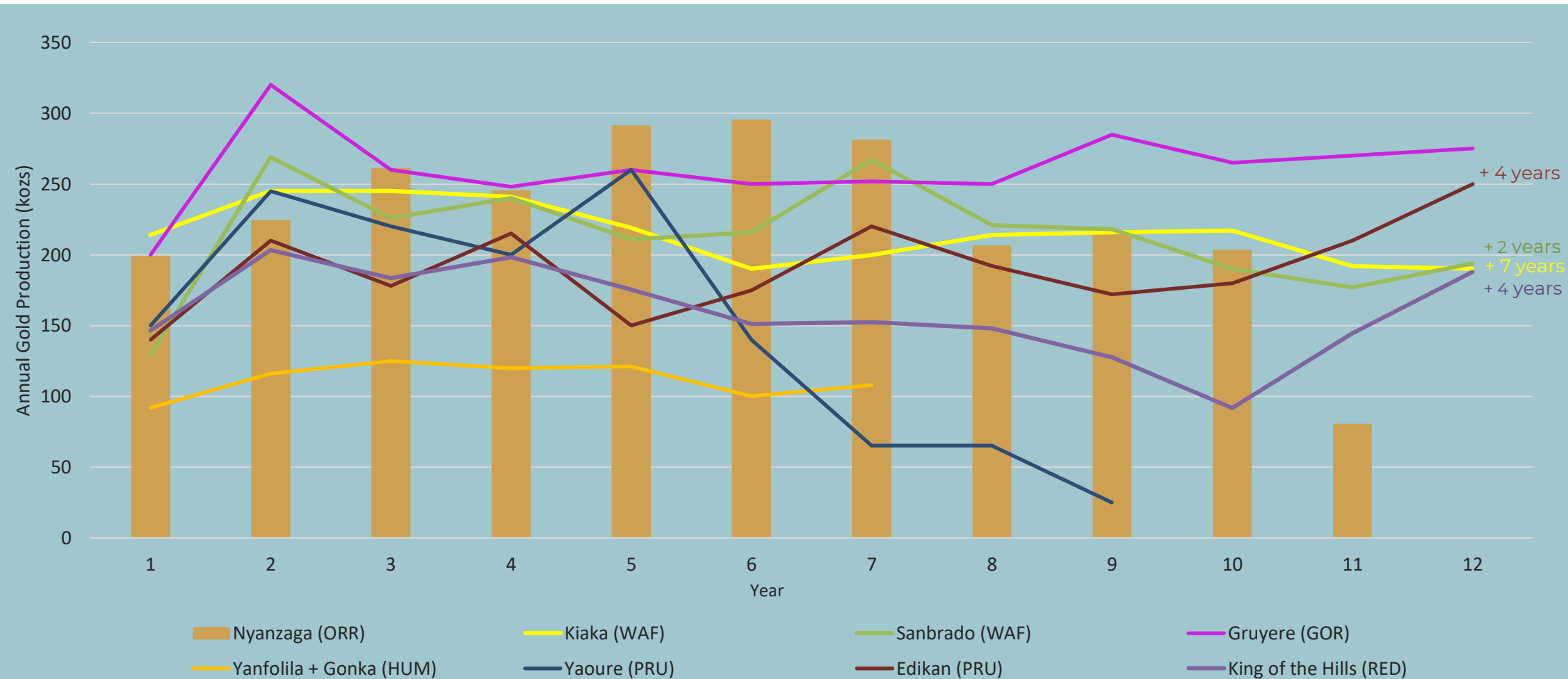


# NYANZAGA DELIVERS ROBUST PRODUCTION SCHEDULE\*



\* Refer to Cautionary Statement on Slide 2

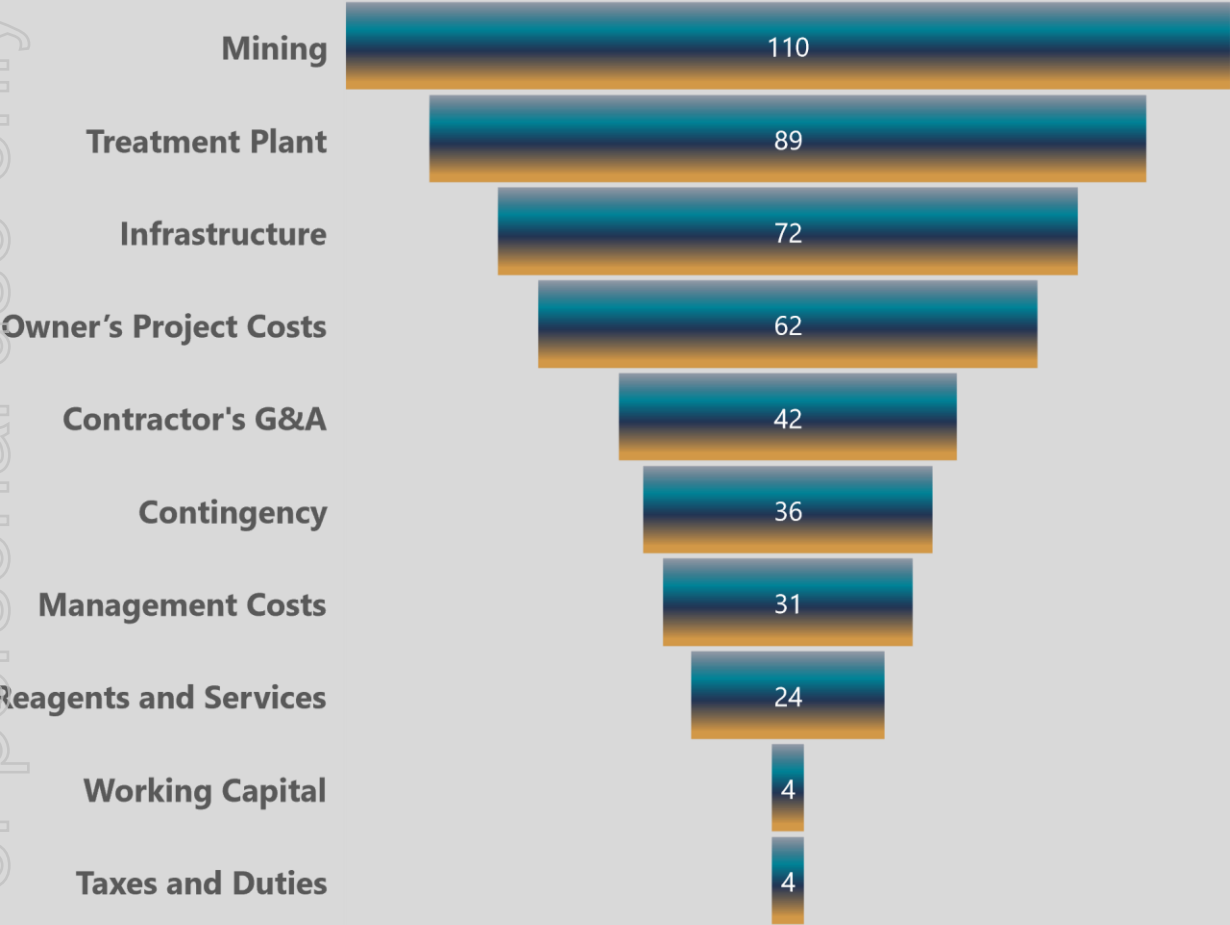
# NYANZAGA COMPARISON AGAINST PRODUCING AND EVOLVING PROJECTS



Notes: Source data obtained from Company announcements – refer to Appendix 1 (Slide 25) for name and date of source  
GOR, HUM, PRU and WAF (Sanbrado) are in production (actual & estimated production) and ORR, WAF (Kiaka) and RED are at PFS/DFS stage (estimated production)

COSTS

PRE-PRODUCTION COSTS (US\$M)



TOTAL US\$474M

PRODUCTION COSTS

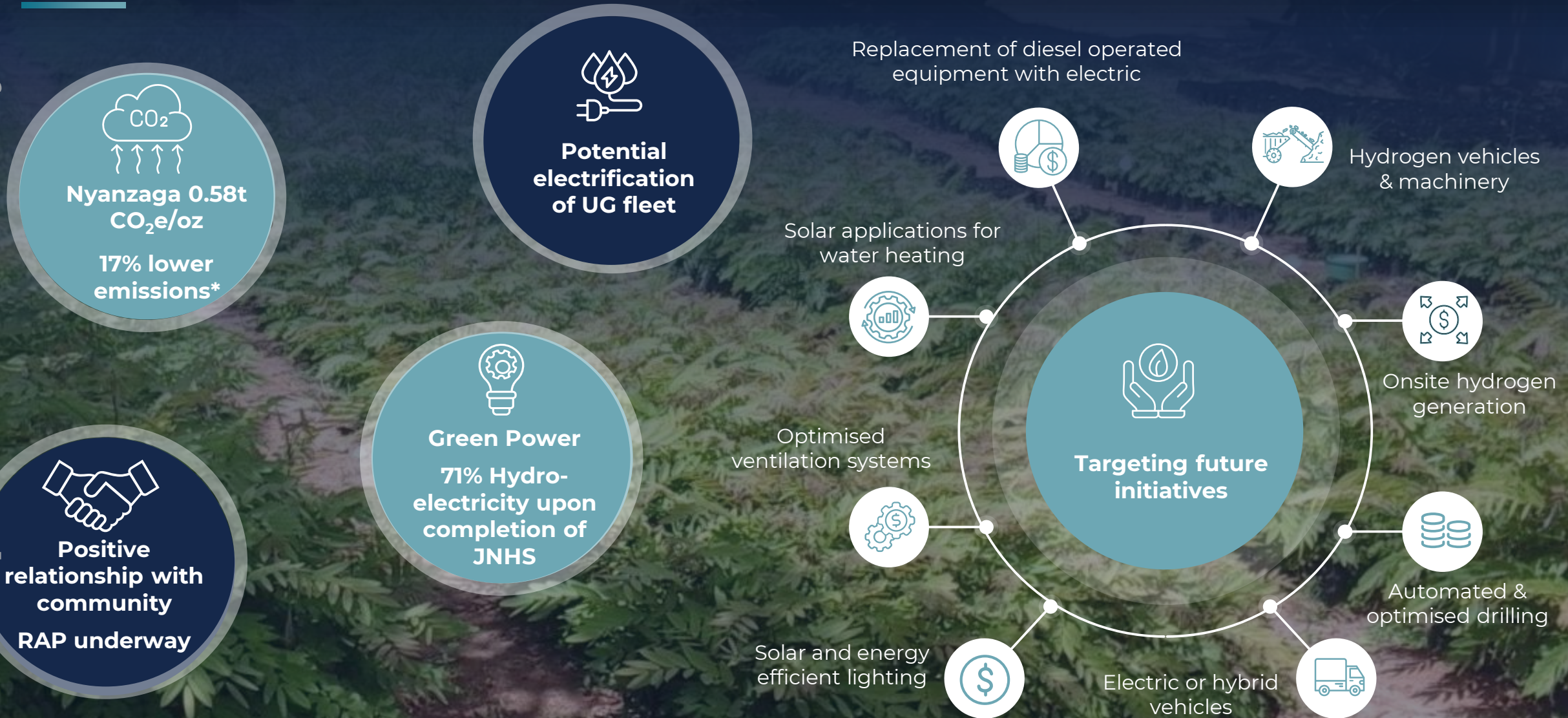
Cost Centre	US\$/t Ore	US\$/oz
Operating Costs		
Revenue Costs *	7.67	130.51
Mining	30.08	511.54
Process Plant	11.37	193.33
G&A	3.54	60.13
Sub Total Operating Cost	52.66	895.51
Sustaining Capital		
Mining	2.08	35.39
Plant	0.41	6.93
General Infrastructure	0.20	3.47
Tailings Storage Facility	0.73	12.41
Sub Total Sustaining Capital	3.42	58.20
LOM AISC	56.08	953.71

Notes:  
Revenue Costs includes doré transport and refining costs, royalties, and levies.  
Financial metrics have been completed on a 100% project basis and is based on a long-term gold price of US\$1,750/oz.

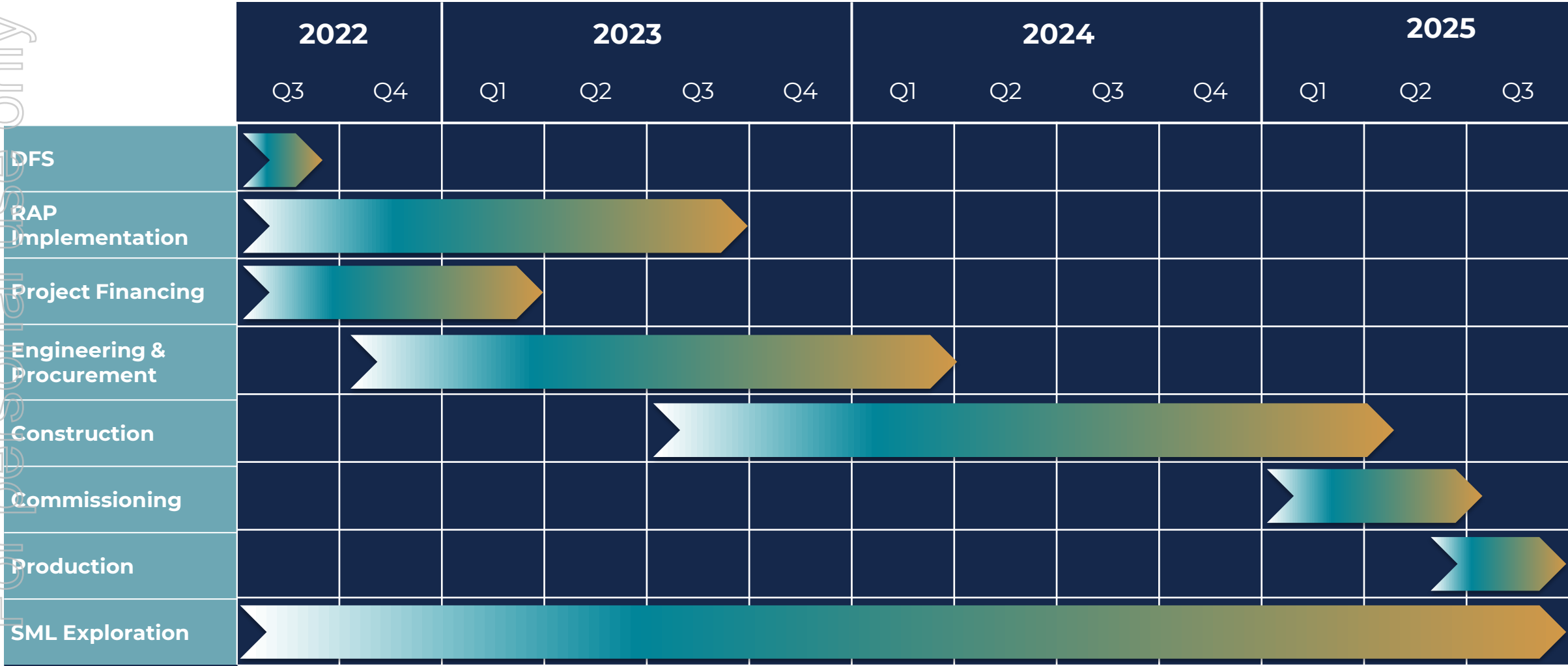


# ORECORP HAS A STRONG FOCUS ON ESG AND IS COMMITTED TO SUSTAINABLE DEVELOPMENT

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PRELIMINARY PROJECT TIMELINE





## PROJECT UPSIDE



### FEED

- Optimise Capex and Opex
- Mining Efficiency

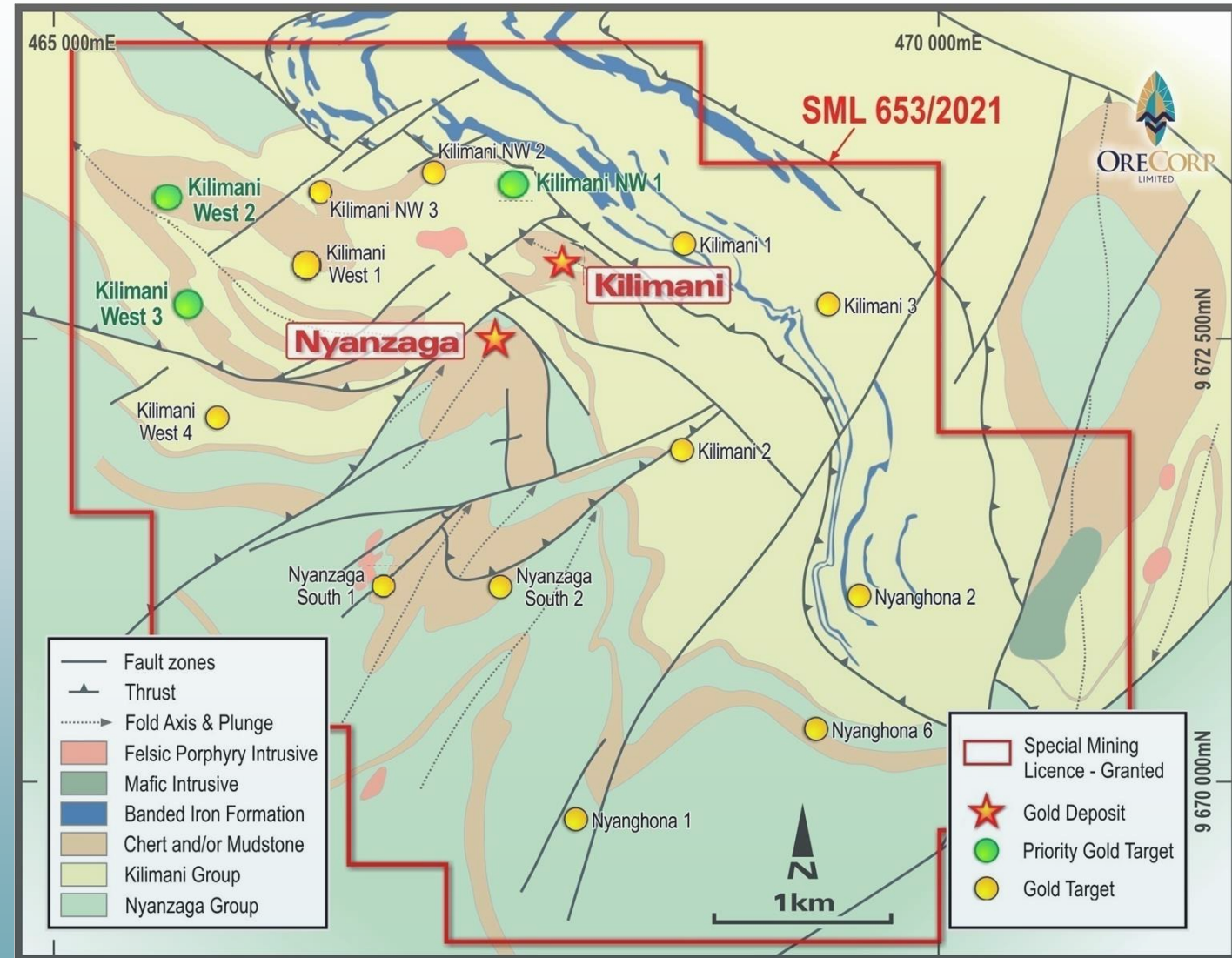


Reduction in royalty rate to 4% will result in reduction of the AISC by US\$ 35/oz



### Reserves/Resources Upside

- Nyanzaga depth extensions
- Kilimani down dip extensions and feeder zones
- Saddle target between open pits
- Regional satellite targets





## COUNTRY UPDATE

### NEW PRESIDENT, NEW IDEAS, NEW OUTLOOK



**Her Excellency  
Samia Suluhu  
Hassan appointed as  
President on 19  
March 2021**



**East African Crude Oil  
Pipeline underway  
with a multi-billion  
dollar investment by  
TotalEnergies and its  
partners<sup>2</sup>**



**Her Excellency witnesses  
signing of US\$5.04 billion  
Tanzanian investment  
agreements in  
Washington D.C.<sup>4</sup>**



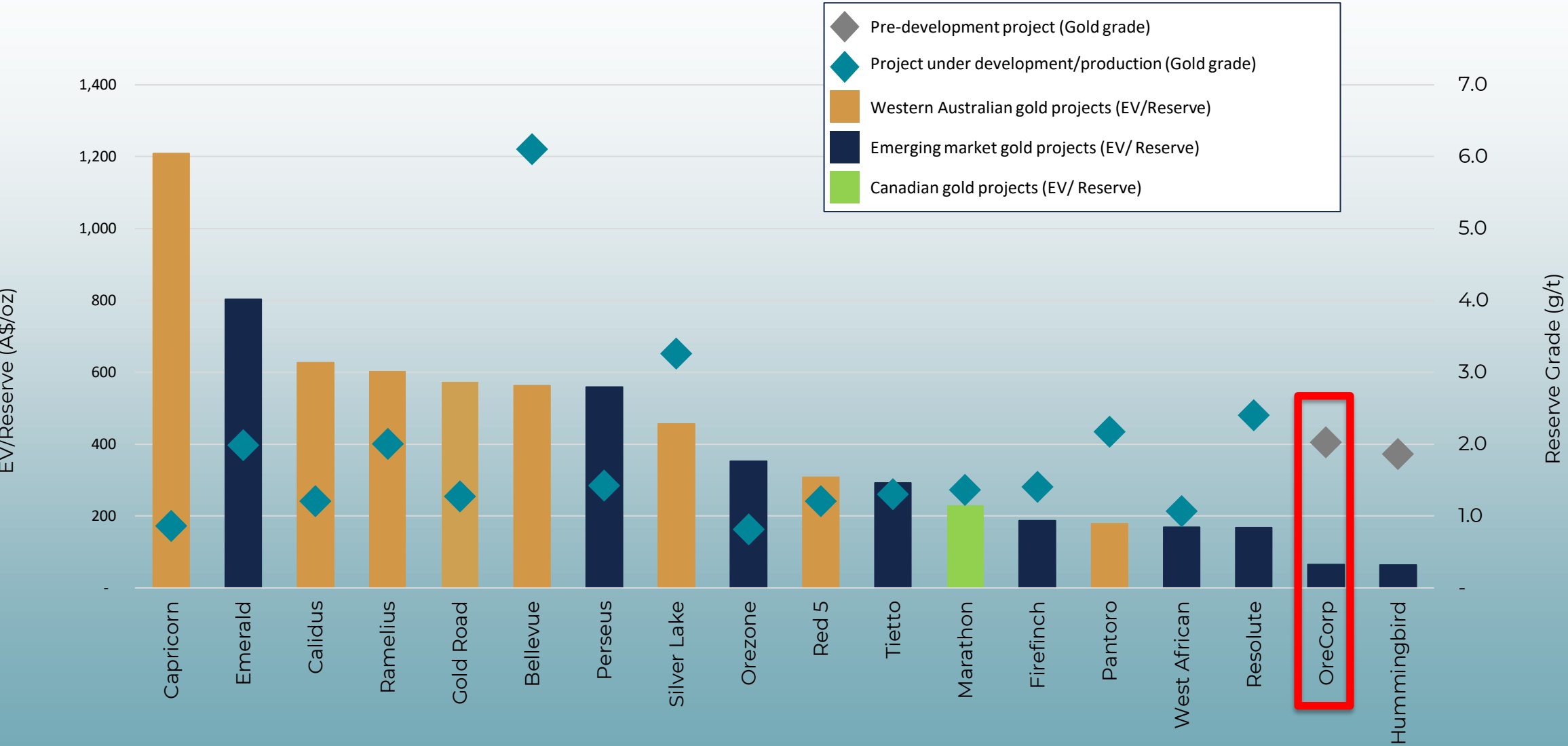
**Majors return and invest in  
TZ - BHP announces major  
investment (~US\$110M) in  
Kabanga Nickel; Barrick  
up to US\$60M acquisition  
of Tembo Licences<sup>1</sup>**



**Multi-billion dollar  
LNG Project in  
advanced  
negotiations with  
Shell Plc and  
partners<sup>3</sup>**



# ORECORP UNDERVALUED AGAINST PEERS



Source: Refer to Appendix 2 (Slide 26) for the name and date of source data  
Note: Prices and foreign exchange rates as at 18 August 2022

# SUMMARY – INVESTMENT HIGHLIGHTS

-  Long life, excellent production profile: 10 years at 242koz pa
-  Low cost, high margin project: AISC US\$ 954/oz
-  Robust NPV<sub>5</sub> and IRR (post-tax): NPV US\$618M, IRR 25% at US\$1,750/oz
-  Debt advisors appointed and positive engagement with banks has commenced
-  Experienced and engaged board and management
-  Significant upside potential
-  Targeting first gold production in mid 2025
-  First new major gold mine in Tanzania in last 15 years

## DELIVERING VALUE TO NYANZAGA’S STAKEHOLDERS THROUGH RESPONSIBLE DEVELOPMENT AND MINING



# COMPLIANCE STATEMENTS

## JORC 2012 Compliance Statements

The information in this presentation relating to estimates of Mineral Resources in relation to the Project is extracted from the ASX announcements dated 5 May 2022 (“DFS Completion and Kilimani Mineral Resource Estimate update within the Nyanzaga Special Mining Licence – Tanzania”) and 12 September 2017 (“MRE Update for the Nyanzaga Project Increasing Category and Grade”), which are available to view on the Company’s website [www.orecorp.com.au](http://www.orecorp.com.au).

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates of Mineral Resources in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons’ (being Messrs Malcolm Titley and Anton Geldenhuys) findings are presented have not been materially modified from the original market announcements.

The information in this presentation relating to Ore Reserves in relation to the Project is extracted from the ASX announcement dated 22 August 2022 (“Nyanzaga DFS Delivers Robust Results”), which is available to view on the Company’s website [www.orecorp.com.au](http://www.orecorp.com.au).

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Ore Reserves, that all material assumptions and technical parameters underpinning the estimates of Ore Reserves in the original market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s (being Mr Alan Earl) findings are presented have not been materially modified from the original market announcement.

## Notes to accompany slide 20

1. Kabanga Nickel Limited (2022) “BHP to make an initial US\$50 million investment in Kabanga Nickel and Lifezone with further investments to be agreed” [Press release dated 10 January 2022]
2. TotalEnergies SE (2022) “Uganda and Tanzania: launch of the Lake Albert Resources Development Project” [Press release dated 1 February 2022]
3. Fumbuka Ng'wanakilala and David Malingha (2022) “Scramble for Gas Set to Draw \$10 Billion Into Tanzania Project” Bloomberg News, 29 March 2022
4. Paul Owere (2022) “Tanzania, US sign investment agreements worth Sh11.7 trillion” The Citizen, 23 April 2022





# APPENDICES



## APPENDIX 1 - A RARE LONG-LIFE ASSET WITH SCALE

Company Name	Code	Project	Title	Date
OreCorp Limited	ORR.ASX	Nyanzaga	Nyanzaga DFS Delivers Robust Results	22 –Aug-22
West African Resources	WAF.ASX	Sanbrado	West African set for +10 years of +200,000 average gold production per annum at Sanbrado – Press Release 9 March 2021	09-Mar-21
West African Resources	WAF.ASX	Kiaka	Kiaka Feasibility Delivers 4.5Moz Gold Ore Reserve 18.5 Year Mine Life	03-Aug-22
Hummingbird Resources Plc	HUM.LSE	Yanfolila	Annual Report and Accounts 2019	03-Jun-20
Perseus Mining Limited	PRU.ASX/TSX	Yaoure	Perseus Mining Limited Technical Report Yaouré Gold Project Côte D'Ivoire	18-Dec-17
			Perseus Confirms Quality of Yaoure Gold Project	03-Nov-17
Perseus Mining Limited	PRU.ASX/TSX	Edikan	Perseus Mining Updates Edikan's life of Mine	30-Mar-20
Gold Road Resources	GOR.ASX	Gruyere	Gruyere Feasibility Study Approved 3.5 Moz Ore Reserve – 15 Year Project Life Annual Report and Accounts 2019	19-Oct-16
Red 5 Limited	RED.ASX	King of the Hills	KOTH final feasibility Study delivers 2.4Moz Ore Reserve, underpinning an initial 16-year mine life and confirming clear pathway to production in 2022	15-Sep-20

## APPENDIX 2 - ORECOP UNDERVALUED AGAINST PEERS

Company	Ticker	Reserve			Source	Date	Source	Date	Source	Date
		Reserve Tonnes (Mt)	Grade (g/t Au)	Contained Au (Moz)						
Capricorn	CMM	43.5	0.9	1.2	June 2022 Quarterly Report	27-Jul-22	Diggers & Dealers 2022 Presentation	1-Aug-22		
Emerald	EMR	14.3	2.0	0.9	June 2022 Quarterly Report	29-Jul-22	Diggers & Dealers Conference - Investor Presentation	1-Aug-22	Company Website - <a href="https://www.emeraldresources.com.au/resources-reserves">https://www.emeraldresources.com.au/resources-reserves</a>	18-Aug-22
Calidus	CAI	14.3	1.2	0.6	June 2022 Quarterly Report	28-Jul-22	Diggers & Dealers Mining Forum Presentation	2-Aug-22	Company Website - <a href="https://www.calidus.com.au/project/resource-and-reserves/">https://www.calidus.com.au/project/resource-and-reserves/</a>	18-Aug-22
Ramelius	RMS	17.0	2.0	1.1	June 2022 Quarterly Report	28-Jul-22	Diggers & Dealers Presentation	1-Aug-22		
Gold Road	GOR	54.6	1.3	2.2	June 2022 Quarterly Report	28-Jul-22	Diggers and Dealers Mining Forum Presentation	1-Aug-22		
Bellevue	BGL	6.8	6.1	1.3	June 2022 Quarterly Report	26-Jul-22	Company Website - <a href="https://www.bellevuegold.com.au/resources-and-reserves">https://www.bellevuegold.com.au/resources-and-reserves</a>	18-Aug-22		
Perseus	PRU	71.9	1.4	3.2	June 2022 Quarterly Report	26-Jul-22	Company Website - <a href="https://perseusmining.com/resources-reserves/">https://perseusmining.com/resources-reserves/</a>	18-Aug-22		
Silver Lake	SLR	20.8	3.3	2.2	June 2022 Quarterly Report	27-Jul-22	Company Website - <a href="https://www.silverlakeresources.com.au/projects/resources">https://www.silverlakeresources.com.au/projects/resources</a>	18-Aug-22		
Orezone	ORE.TSX	70.1	0.8	1.8	Investor Presentation	9-Aug-22	Company Website - <a href="https://www.orezone.com/en/bombore-project/resources-reserves/">https://www.orezone.com/en/bombore-project/resources-reserves/</a>	18-Aug-22		
Red 5	RED	64.7	1.2	2.5	June 2022 Quarterly Report	26-Jul-22	Diggers & Dealers Mining Forum Presentation	1-Aug-22		
Tietto	TIE	34.4	1.3	1.4	June 2022 Quarterly Report	1-Aug-22	Diggers & Dealers Mining Forum Presentation - August 2022	2-Aug-22		
Marathon	MOZ.TSX	47.1	1.4	2.1	Corporate Presentation - August 2022	15-Aug-22				
Firefinch	FFX	23.8	1.4	1.1	June 2022 Quarterly Report	1-Aug-22	Company Website - <a href="https://firefinchltd.com/projects/resources-and-reserves/">https://firefinchltd.com/projects/resources-and-reserves/</a>	18-Aug-22		
Pantoro	PNR	21.6	2.2	1.5	June 2022 Quarterly Report	27-Jul-22	PNR: Mineral Resource and Ore Reserve update at Green Lantern	1-Aug-22		
West African	WAF	181.0	1.1	6.2	June 2022 Quarterly Report	14-Jul-22	Diggers & Dealers Presentation 2022	3-Aug-22		
Resolute	RSG	44.2	2.4	3.4	June 2022 Quarterly Report	28-Jul-22	Company Website - <a href="https://www.rml.com.au/asx/annual-ore-reserve-and-mineral-resource-statement/">https://www.rml.com.au/asx/annual-ore-reserve-and-mineral-resource-statement/</a>	18-Aug-22		
OreCorp	ORR	40.1	2.0	2.6	ASX Announcement	22-Aug-22	Nyanzaga DFS Delivers Robust Results			
Hummingbird	HUM.LSE	46.4	1.9	2.8	Investor Presentation	21-Jul-22	Company Website - <a href="https://www.hummingbirdresources.co.uk/operations-projects/company-reserves-resources/">https://www.hummingbirdresources.co.uk/operations-projects/company-reserves-resources/</a>	18-Aug-22		