

Waihi District Study

July 16 2020

CONSISTENTLY DELIVERING ON COMMITMENTS

INNOVATION | PERFORMANCE | GROWTH



Cautionary and Technical Statements

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In addition, all of the results of the preliminary economic analysis ("PEA") for the Waihi District constitute forward-looking statements or information, and include future estimates of return, net present value, future production, estimates of cash cost, proposed mining plans and methods, mine life estimates, cash flow forecasts, metal recoveries, estimates of capital and operating costs and the size and timing of phased development of the projects and the Waihi District. Furthermore, OGC has based its assumptions and analysis on certain factors that are inherently uncertain. Uncertainties include: (i) the adequacy of infrastructure; (ii) geological characteristics; (iii) metallurgical characteristics of the mineralization; (iv) the ability to develop adequate processing capacity; (v) the price of gold; (vi) the cost of consumables and mining and processing equipment; (vii) unforeseen technological and engineering problems; (viii) changes in regulations; (ix) the regulation of the mining industry by various governmental agencies; and (x) changes in project scope or design, among others.

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PRELIMINARY ECONOMIC ASSESSMENT CAUTIONARY STATEMENT

The PEA is a preliminary technical and economic study of the potential viability for the Waihi District project. The production target and financial forecast referred to in the PEA are comprised of 51% Indicated Mineral Resources and 49% Inferred Mineral Resources. Inferred Mineral Resources are considered too geologically speculative to have economic considerations applied to them in order to be categorized as Mineral Resources. There is no certainty that further drilling will convert Inferred Resources to Indicated Mineral Resources or that the PEA will be realised. Mineral resources that are not mineral reserves do not have a demonstrated economic viability. Further drilling, evaluation and studies are required to provide any assurance of an economic development case.

Technical Disclosure

Mineral Resources for Waihi District Study have been verified and approved by, or are based upon information prepared by or under the supervision of, P. Church. Information results in this presentation has been verified by, is based on and fairly represents information compiled by or prepared under the supervision of L. Torckler. Mine Designs, schedules and economic analysis for Waihi District Study have been verified and approved by, or are based upon information prepared by or under the supervision of, D. Carr. D. Car

General Presentation Notes

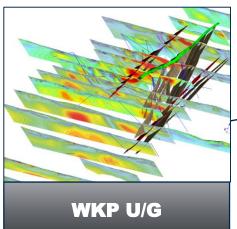
All AISC and cash costs are <u>net of by-product credits</u> unless otherwise stated All financials are denominated in US Dollars unless otherwise stated

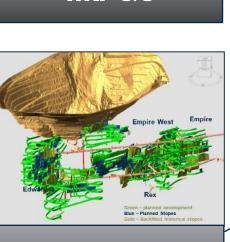
Agenda

- 1 INTRODUCTION SAM PAZUKI
- 2 WAIHI DISTRICT PEA OVERVIEW MICHAEL HOLMES
- 3 WAIHI DISTRICT PEA PHYSICALS MARK CADZOW & CRAIG FEEBREY
- 4 FORECAST ECONOMIC OVERVIEW MARK CADZOW
- 5 STAKEHOLDER OVERVIEW MARK CADZOW
- 6 NEXT STEPS MICHAEL HOLMES

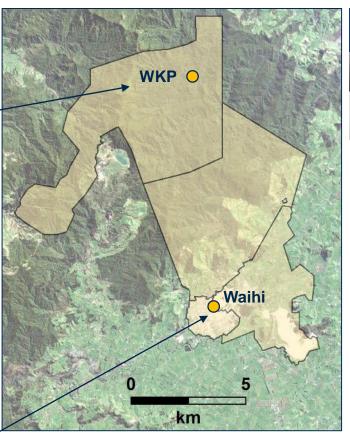
Waihi District Overview

OVER 12 MILLION OUNCES OF GOLD MINED FROM COROMANDEL DISTRICT









WAIHI DISTRICT PEA HIGHLIGHTS			
_	BASE CASE	SPOT SCENARIO	
GOLD PRICE ASSUMPTION	US\$1500/oz	US\$1750/oz	
PRE-TAX NPV _{5%}	US\$931m	US\$1,273m	
AFTER-TAX NPV _{5%}	US\$665m	US\$915m	
AFTER-TAX IRR	51%	75%	
LOM AISC	US\$627/oz sold	US\$641/oz sold	
LOM Free Cash Flow	\$1.1 Bn	\$1.3 Bn	
LIFE OF MINE (LOM)	2036+	2036+	

PRELIMINARY ECONOMIC ASSESSMENT CAUTIONARY STATEMENT

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Updated Waihi District Resources

UPDATED WAIHI INDICATED RESOURCES							
	RESOURCES	REPORTED IN P	PEA (JUN 2020)	2019 EOY	RESOURCES (D	EC 2019)	VARIANCE
	TONNES (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	TONNES (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	GOLD (Moz)
MARTHA UNDERGROUND	4.4	5.2	0.74	4.9	5.2	0.82	(0.08)
WKP UNDERGROUND	1.0	13	0.42	1.0	13	0.42	-
MARTHA OPEN PIT	4.0	2.0	0.26	0.8	2.9	0.08	+ 0.18
GLADSTONE OPEN PIT	2.8	1.6	0.14	1.4	2.1	0.10	+ 0.04
WAIHI COMBINED	12	4.0	1.6	8.2	5.4	1.4	+ 0.15
	UP	DATED WAIH	II INFERRED	RESOURCE	S		
_	RESOURCES	REPORTED IN P	PEA (JUN 2020)	2019 EOY	RESOURCES (D	EC 2019)	VARIANCE
	TONNES (Mt)	GOLD GRADE (g/t)	GOLD (koz)	TONNES (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	GOLD (Moz)
MARTHA UNDERGROUND	3.7	4.6	0.55	4.1	4.7	0.61	(0.06)
WKP UNDERGROUND	1.9	12	0.72	1.9	12	0.72	-
MARTHA OPEN PIT	4.9	1.9	0.29	_	_	_	+ 0.29
GLADSTONE OPEN PIT	0.6	1.1	0.02	0.3	1.3	0.01	+ 0.01
WAIHI COMBINED	11	4.4	1.6	6.3	6.6	1.3	+ 0.25

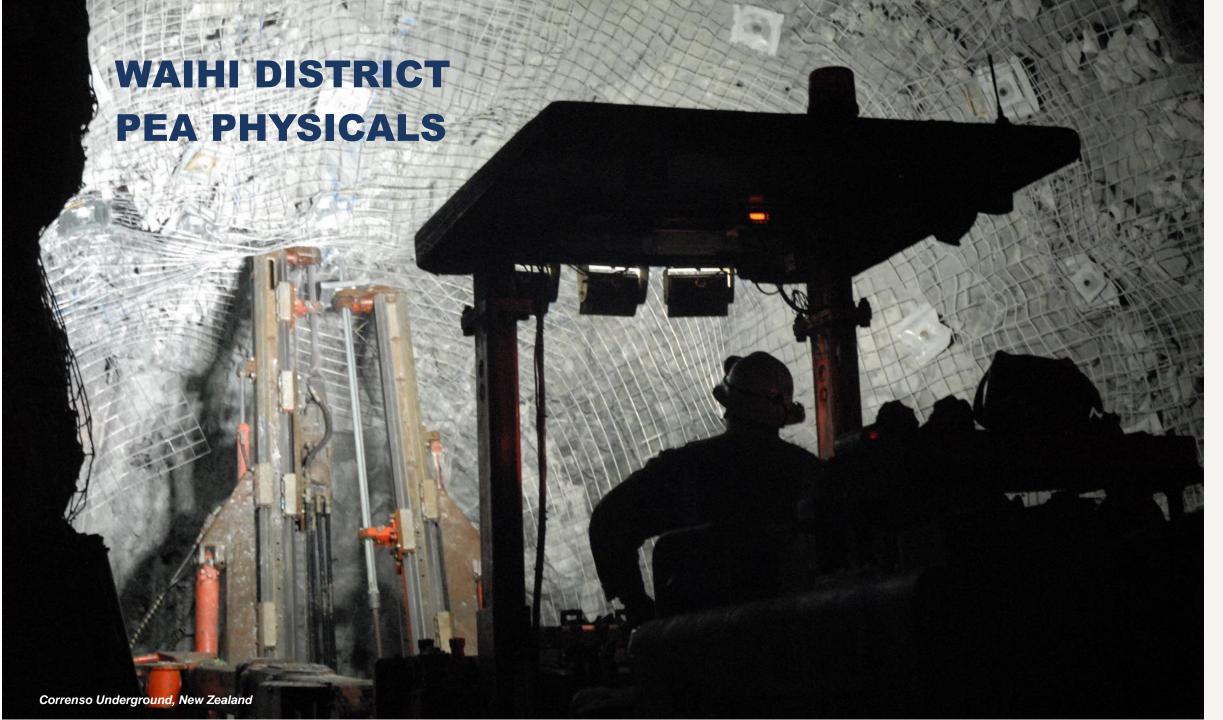
PEA Production Summary

PRODUCTION METRICS BY OPPORTUNITY				
	FIRST PRODUCTION	AVG ANNUAL PRODUCTION (koz / year)	EST. STEADY STATE PRODUCTION RATE (koz / year)	INITIAL MINE LIFE
MARTHA UG	2021	75	90 – 100	2028+
WKP UNDERGROUND	2026	156	190 – 230	2031+
MARTHA OP	2027	50	80 – 100	2036
GLADSTONE	2024	13	15 – 30	2027

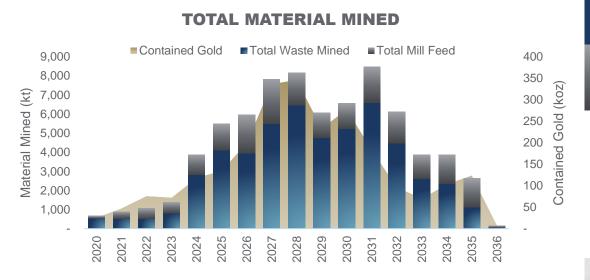
PRODUCTION SUMMARY BY DEPOSIT





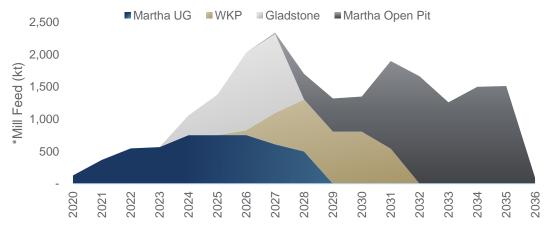


PEA Mining Physicals



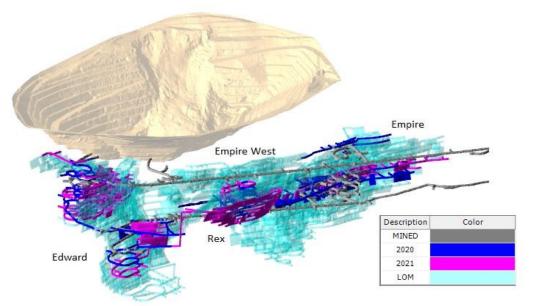
PEA MINING PHYSICALS				
	MILL FEED (kt)	GOLD GRADE (g/t)	CONTAINED GOLD (koz)	
MARTHA UG	4,964	4.4	706	
WKP UG	3,521	9.2	1,037	
MARTHA OP	8,844	1.9	548	
GLADSTONE OP	3,351	1.5	160	
TOTAL	20,681	3.7	2,450	

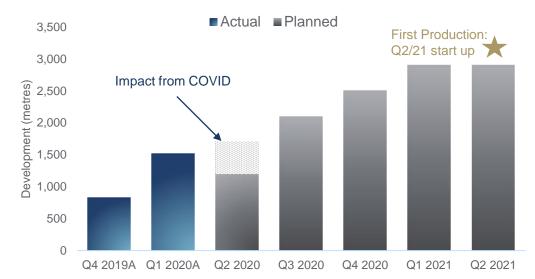
MINING SCHEDULE



PEAK MINING RATES ASSUMED (ktpa)			
MARTHA UNDERGROUND	750		
WKP UNDERGROUND	800		
MARTHA OPEN PIT	1,600		
GLADSTONE OPEN PIT	1,200		

Martha Underground Development



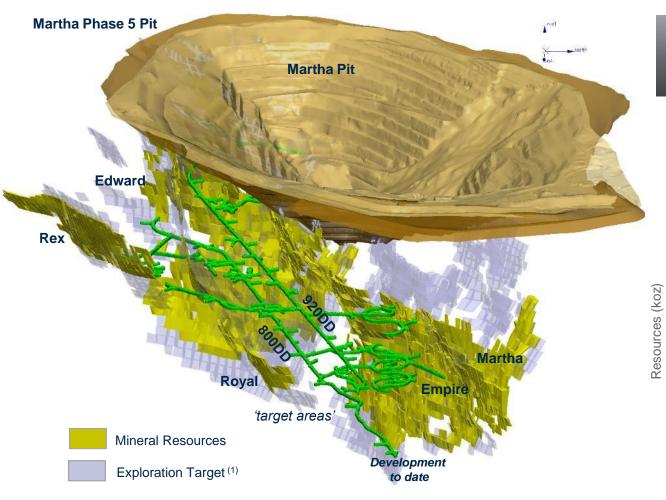


MARTHA UNDERGROUND RESOURCES (1)					
	MILL FEED (Mt)	GOLD GRADE (g/t)	GOLD (Moz)		
MEASURED & INDICATED	4.4	5.2	0.74		
INFERRED RESOURCES	3.7	4.6	0.55		

NOTE: Only half of Martha UG resource used for Waihi District Study

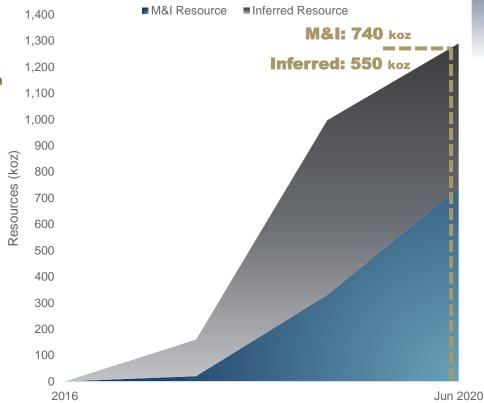
PEA MARTHA UNDERGROUND PHYSICALS			
MILL FEED	Mt	5.0	
AVG GOLD GRADE	g/t	4.4	
CONTAINED GOLD	Moz	0.71	
CONTAINED SILVER	Moz	2.3	
DILUTION	%	14	
INITIAL MINE LIFE		2028+	

Martha Underground Exploration



EXPLORATION TARGET⁽¹⁾ Additional 6 – 8 Mt @ 4-6 g/t

MARTHA UG RESOURCE GROWTH



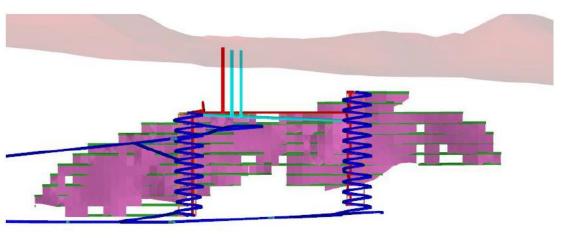
1. This exploration target is based on the assessment of surface and underground drill data collected by the Company in addition to the significant amount of historical and archived geological and mine data from over a century of mining activity at Waihi. The exploration target is conceptual in nature and insufficient exploration has been undertaken in the areas that this exploration target relates to estimate a mineral resource. It is uncertain if further exploration will result in the estimation of a mineral resource.

WKP Underground

WKP RESOURCES (1)				
	MILL FEED (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	
MEASURED & INDICATED	1.0	13	0.42	
INFERRED RESOURCES	1.9	12	0.72	

PEA WK	P PHYSICALS	
MILL FEED	Mt	3.5
AVG GOLD GRADE	g/t	9.2
INDICATIVE MET RECOVERY	%	90
CONTAINED GOLD	Moz	1.0
CONTAINED SILVER	Moz	2.0
DILUTION	%	14
INITIAL MINE LIFE		2031+

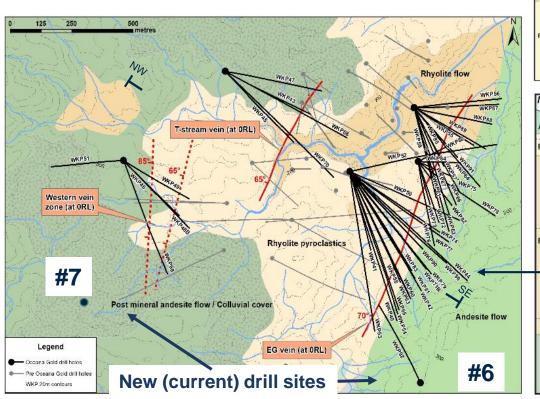
- State-of-the-art underground operation
- Decline under Department of Conservation ("DOC") land from private land
 - Multiple options under consideration to minimise surface disturbance
 - Portal and infrastructure on private land
 - Ventilation only surface expression along decline route
- Minimise carbon footprint by investigating use of electric vehicles

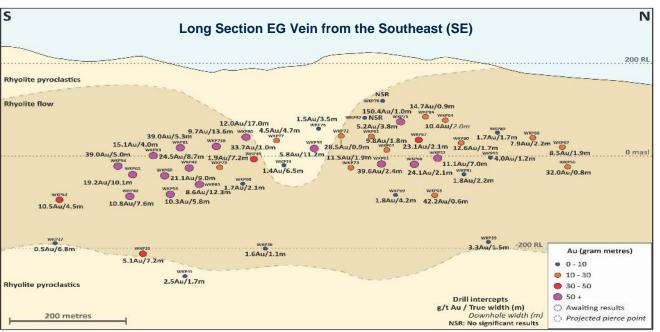


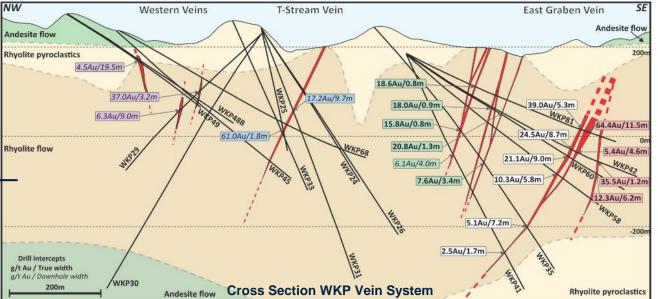
WKP Exploration

CURRENT EAST GRABEN VEIN PARAMETERS

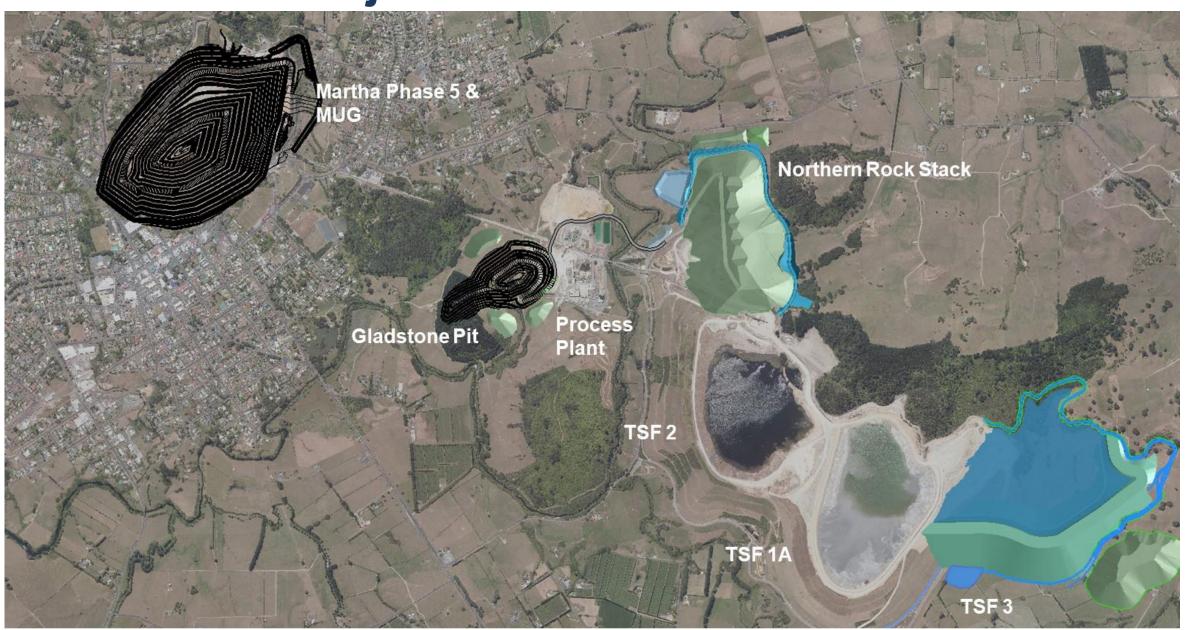
- » CURRENT STRIKE → 1,000 metres and open
- » VERTICAL EXTENT → 200 metres defined and open
- VEIN WIDTH → 5 to 17 metres
- » Significant exploration upside potential





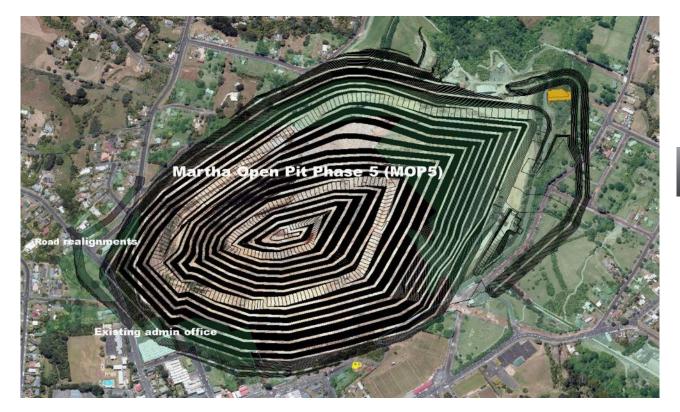


Surface Projects



Martha Open Pit

MARTHA OPEN PIT RESOURCES				
	MILL FEED (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	
MEASURED & INDICATED	4.0	2.0	0.26	
INFERRED RESOURCES	4.9	1.9	0.29	



PEA MARTHA O	PEN PIT PH	YSICALS
TOTAL WASTE MINED	Mt	37.4
MILL FEED	Mt	8.8
LOM STRIP RATIO		4.2 : 1
AVG GOLD GRADE	g/t	1.9
CONTAINED GOLD	Moz	0.55
CONTAINED SILVER	Moz	5.5
MINE LIFE		2036

- Incremental cut-back to previously permitted Phase 4
- Final cut-back of the pit; shell size defined
- Provides potential flexibility in processing capacity with exploration success in Martha & WKP undergrounds

Gladstone Open Pit

GLADSTONE RESOURCES (1)				
	MILL FEED (Mt)	GOLD GRADE (g/t)	GOLD (Moz)	
MEASURED & INDICATED	2.8	1.6	0.14	
INFERRED RESOURCES	0.6	1.1	0.02	

PEA GLADSTONE PHYSICALS		
TOTAL WASTE MINED	Mt	10.1
MILL FEED	Mt	3.2
LOM STRIP RATIO		3:1
AVG GOLD GRADE	g/t	1.5
CONTAINED GOLD	Moz	0.16
CONTAINED SILVER	<pz< td=""><td>0.39</td></pz<>	0.39
MINE LIFE		2027

- Small open pit near process plant
- » Provides early access to open pit ounces and stockpiles for future processing
- » Rock mined to be used for backfill for underground mines & TSF construction material



Process Plant Overview



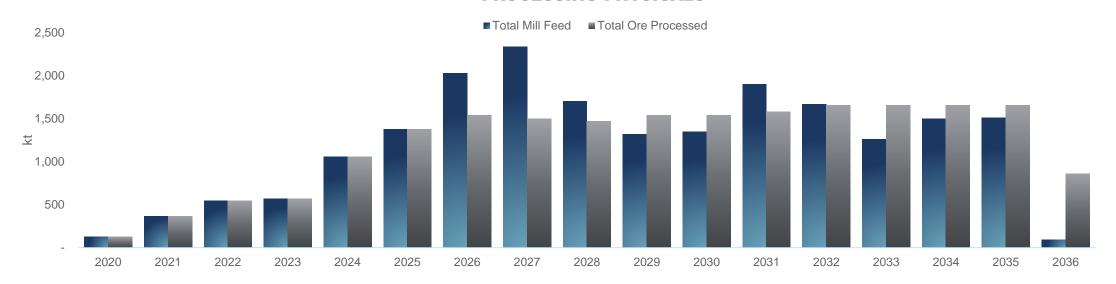


PEA PROCESSING PHYSICALS	
MILL FEED SOURCE (t/h)	
MARTHA UNDERGROUND	190
WKP UNDERGROUND	190
MARTHA OPEN PIT	200
GLADSTONE OPEN PIT	200
GOLD RECOVERIES (%)	
MARTHA UNDERGROUND	94
WKP UNDERGROUND	90
MARTHA OPEN PIT	90
GLADSTONE OPEN PIT	71

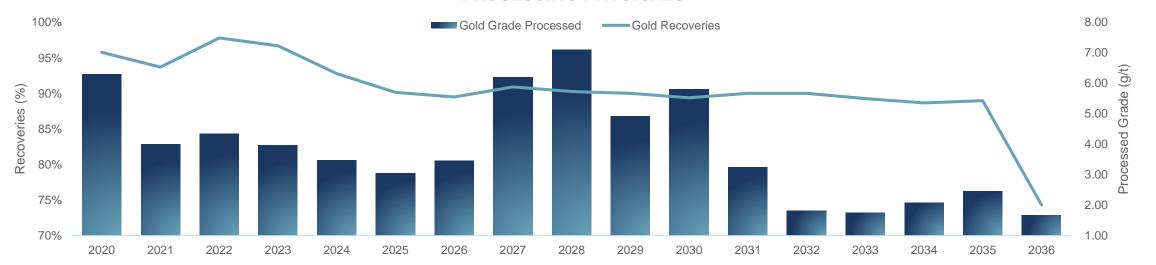
- Expansion utilising existing equipment and Reefton processing equipment
- Increasing mill capacity to 1.6 Mtpa with option to further expandable
- » Potential for additional refinements to increase recoveries.

PEA Processing Physicals

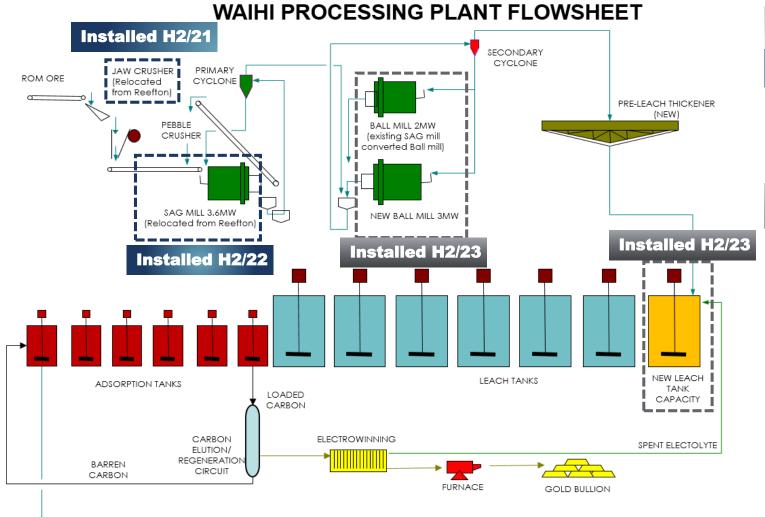
PROCESSING PHYSICALS



PROCESSING PHYSICALS



Planned Process Plant Expansion



TAILINGS STORAGE FACILITY

EQUIPMENT	CAPEX (USDm)
2021 – 2022	
REEFTON JAW CRUSHER (150 kW)	4
INSTALL REEFTON SAG MILL (3.6 MW)	13
2023	
INSTALL NEW BALL MILL (3 MW)	8
CONVERT EXISTING SAG MILL TO BALL MILL	4
INSTALL NEW PRE-LEACH THICKENER (20 m³)	2
INSTALL NEW LEACH TANK (1500 m ³)	5

Tailings Storage





CURRENT TAILINGS STORAGE FACILITIES		
	CONSTRUCTION TYPE	CAPACITY
TSF #1	DOWNSTREAM	2.2M tonnes
TSF #2	DOWNSTREAM	0.3M tonnes

TAILINGS REQUIREMENTS

CURRENT CAPACITY

LOM CAPACITY REQUIRED

2.5M tonnes

20.7M tonnes

TSF EXPANSION OPTIONS

TSF #1 LIFT
Up to 8.0M tonnes

GLADSTONE TSF + 4.9Mt TSF #2 LIFT + 1.5M tonnes

NEW TSF (#3) + 20.2M tonnes



Operating Costs Estimates

LOM OPERATING UNIT COSTS			
MARTHA UG MINING UNIT COSTS	per tonne mined	\$31	DIR
WKP MINING UNIT COSTS	per tonne mined	\$30	BY-
MARTHA OP MINING UNIT COSTS	per tonne mined	\$4.4	RO
GLADSTONE MINING UNIT COSTS	per tonne mined	\$3.2	SUS
PROCESSING UNIT COSTS	per tonne milled	\$19	AL
SITE G&A UNIT COSTS	per tonne milled	\$8.1	_

AISC BREAKDOWN (\$ / oz sold)		
DIRECT CASH COSTS	\$545	
BY-PRODUCT CREDITS	(\$45)	
ROYALTY	\$57	
SUSTAINING CAPITAL	\$70	
ALL-IN SUSTAINING COSTS	\$627	

PRODUCTION & COSTS

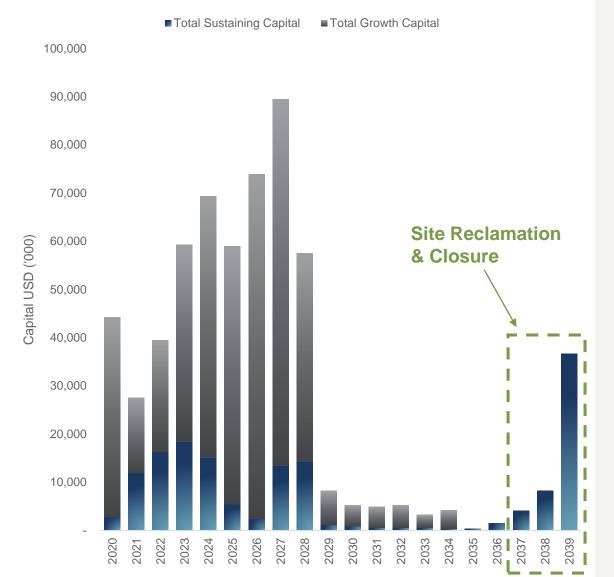


Capital Investment Overview

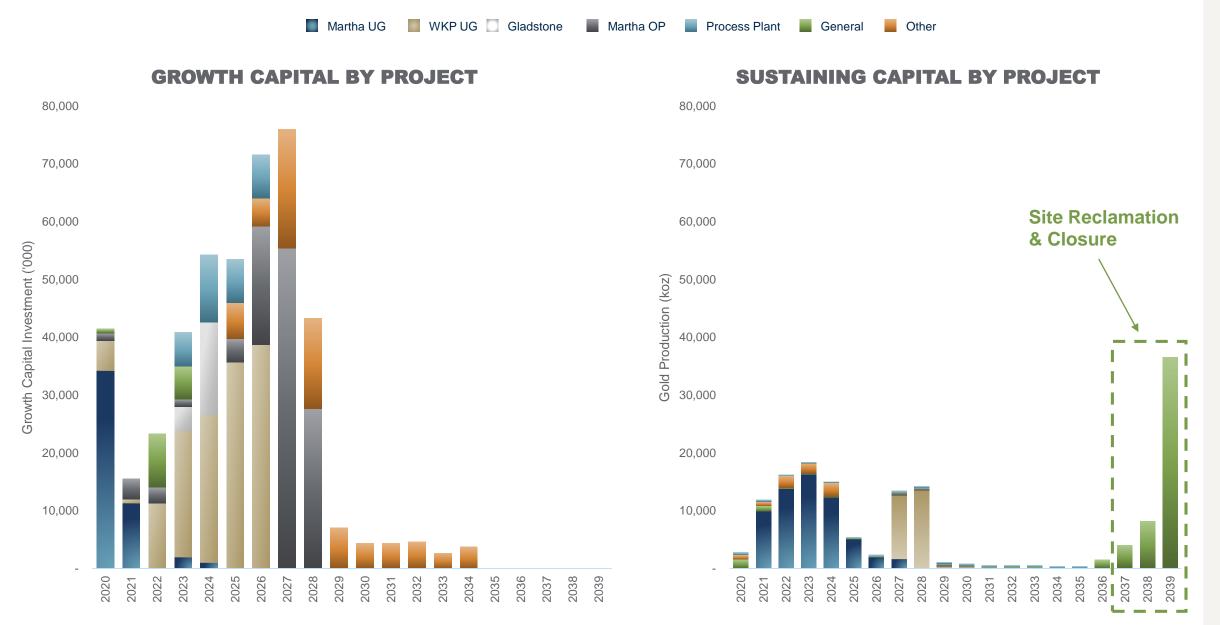
GROWTH CAPITAL \$447 SUSTAINING CAPITAL \$105 SITE RECLAMATION & CLOSURE \$50

LOM CAPITAL INVESTMENTS BREAKDOWN (million) **PROJECT SUSTAINING GROWTH** \$61 \$48 MARTHA UG \$139 \$25 WKP UG **GLADSTONE OP** \$20 \$116 MARTHA OP **GENERAL** \$55 \$16 (including Site Reclamation & closure) **PROCESS PLANT** \$4 \$33 \$8 \$75 **OTHER**

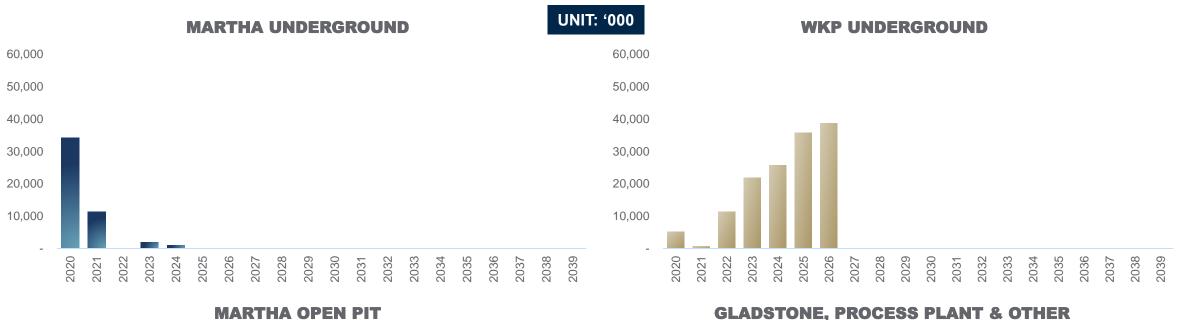


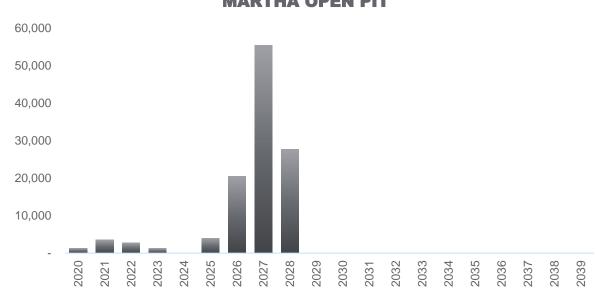


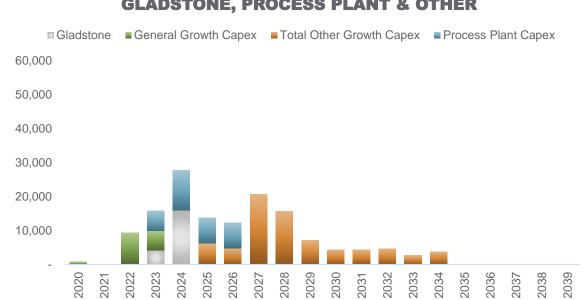
Planned Capital Investment By Project



Planned Growth Capital by Project

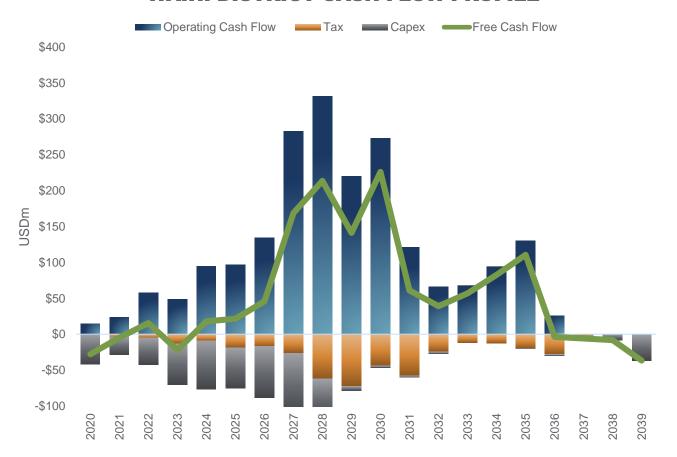






PEA Cash Flow Overview (1)

WAIHI DISTRICT CASH FLOW PROFILE



\$1.1 billion

\$65 million

\$140 million (4)

^{1.} The PEA is a preliminary technical and economic study of the potential viability for the Waihi project. The financial forecast above is comprised of 51% Indicated Mineral Resources and 49% Inferred Mineral Resources. Inferred Mineral Resources are considered too geologically speculative to have economic considerations applied to them in order to be categorized as Mineral Reserves.

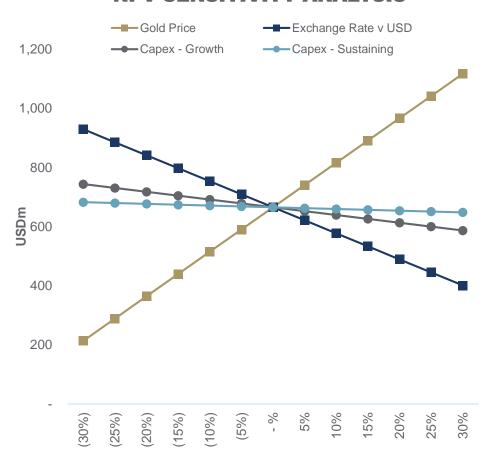
^{2.} Cumulative Free Cash Flow is undiscounted and represents the LOM potential free cash flow in the Base Case scenario as represented in the 43-101 Technical Report.

^{3.} Excludes 2037 – 2039 (Site reclamation & closure years); represents the LOM average annual free cash flow in the Base Case scenario as represented in the 43-101 Technical Report.

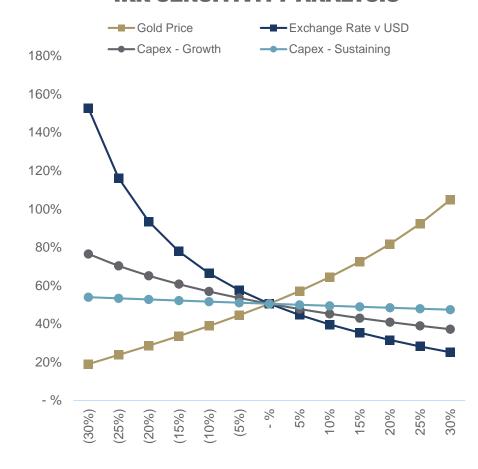
^{4.} Years where WKP is in production

Valuation Sensitivity Analysis (1)

NPV SENSITIVITY ANALYSIS



IRR SENSITIVITY ANALYSIS



^{1.} Base case sensitivity analysis. The PEA is a preliminary technical and economic study of the potential viability for the Waihi project. The financial forecast above is comprised of 51% Indicated Mineral Resources and 49% Inferred Mineral Resources. Inferred Mineral Resources are considered too geologically speculative to have economic considerations applied to them in order to be categorized as Mineral Resources.





Resource Consenting Process





CONSENTING OVERVIEW

- Permits approved under Crown Minerals Act
- » Resource consents for all activities required under Resource Management Act
- » OceanaGold has successfully consented several projects over last 30 years +

INDICATIVE CONSENTING PROCESS & TIMELINES

ACTIVITY INDICATIVE TIMELINE

STAKEHOLDER ENGAGEMENT

LODGEMENT OF CONSENT APPLICATIONS PUBLIC NOTIFICATION AND SUBMISSIONS COUNCIL RECOMMENDATION

COUNCIL HEARING and DECISION

TIME FOR APPEAL

ENVIRONMENT COURT OF APPEAL & DECISION (if required)

Up to 4 months

7 to 12 months (Expected to start Sep/Oct 2020)

3 to 4 months

1 to 2 months

~ 12 months

\$125m

Socio-Economic Benefits Expected

ROYALTIES PAID

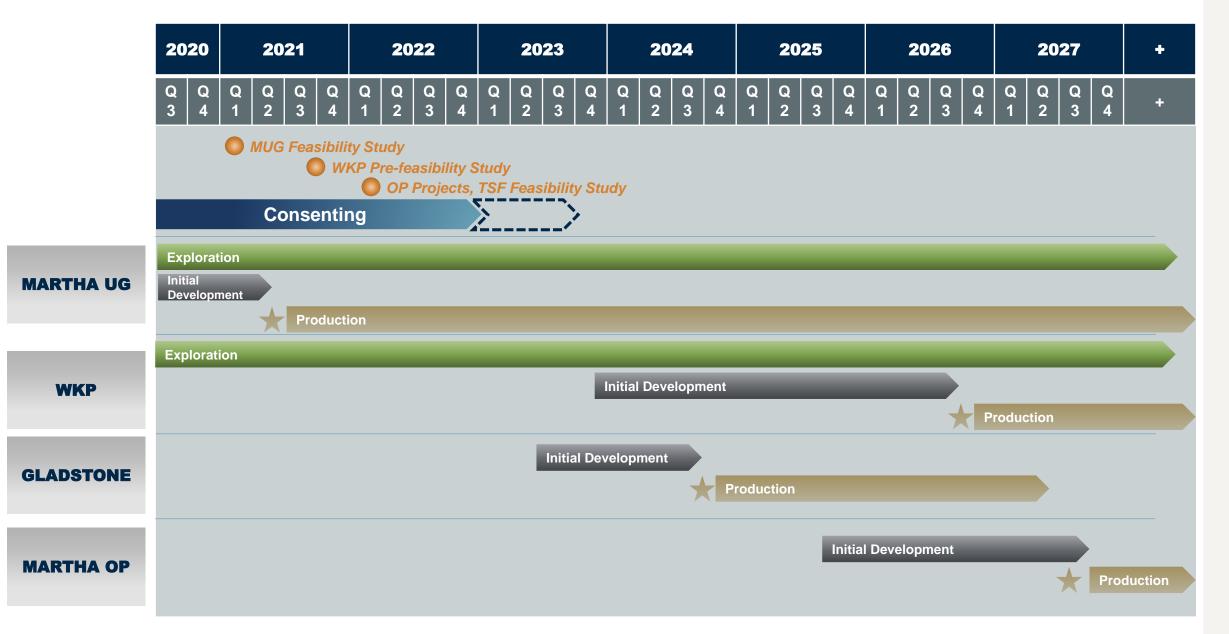


ESTIMATED ECONOMIC BENEFITS

DIRECT JOBS CREATED	200 to 300 FTE
INDIRECT JOBS ESTIMATED	500 – 1000 +
IN-COUNTRY INVESTMENTS	\$1.4b
TAXES	\$430m

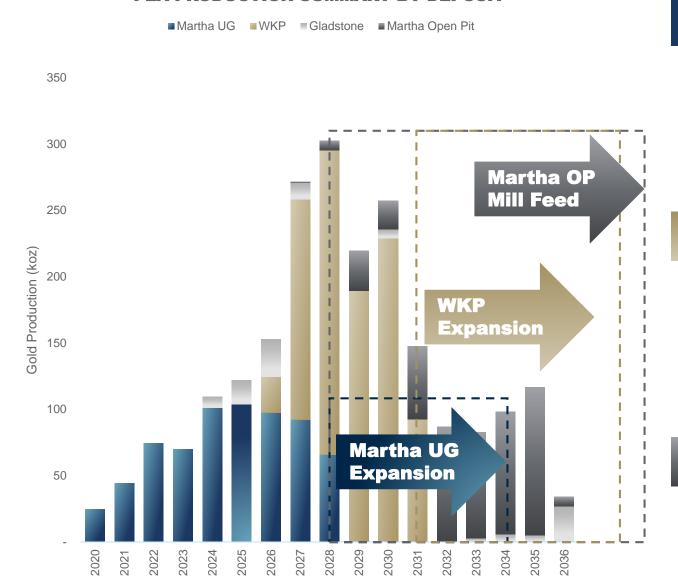


General Timelines



Significant Upside Potential

PEA PRODUCTION SUMMARY BY DEPOSIT



EXPAND MARTHA UG RESOURCES

- Exploration target → 6-8 Mt @ 4-6 g/t
- » Only half of reported resource used for PEA
- » Resource remains open
- Exploration drilling expected to continue for several years

EXPAND WKP RESOURCES

- » Exploration → EG, T-Stream & Western veins
- » Only 35,000 metres of drilling to-date
- » Majority of resource reported is on East Graben vein which remains open
- Exploration drilling expected to continue for several years

MARTHA OPEN PIT MILL FEED

Discovery / extension of MUG & WKP resources pushes out Martha OP plant feed

Waihi District Study Recap

SUMMARY RESULTS OVERVIEW (1)

ECONOMIC OVERVIEW

PRE-TAX NPV _{5%}	\$931m
AFTER-TAX NPV _{5%}	\$665m
PRE-TAX IRR	61%
AFTER-TAX IRR	51%
LOM CASH COSTS	\$557 per oz
LOM AISC	\$627 per oz

PRODUCTION OVERVIEW

PAYABLE GOLD	2.2Moz
PAYABLE SILVER	6.3Moz
MINE LIFE	2036+
WASTE MINED	52.4Mt
TOTAL MILL FEED	20.7Mt
GOLD GRADE MINED	3.7 g/t
GOLD RECOVERIES	~90%

CAPITAL INVESTMENTS OVERVIEW

TOTAL GROWTH CAPITAL	\$447m
TOTAL SUSTAINING CAPITAL (including Site Closure & Reclamation (\$50m))	\$155m

VALUE CREATING PROJECT

Initial value demonstration Waihi District Potential

UPSIDE POTENTIAL

Continued exploration drilling and project refinement to unlock additional value

SIGNIFICANT STAKEHOLDER BENEFITS

Continued socio-economic benefits for rural communities in NZ

PERMITTING IS CRITICAL PATH

Success is not without risks but experience & reputation is important enabler

LOW-RISK JURISDICTION

Top tier jurisdiction with long, rich history of responsible mining

^{1.} The PEA is a preliminary technical and economic study of the potential viability for the Waihi District project. The production target and financial forecast referred to in the PEA are comprised of 51% Indicated Mineral Resources and 49% Inferred Mineral Resources. Inferred Mineral Resources are considered too geologically speculative to have economic considerations applied to them in order to be categorized as Mineral Resources. There is no certainty that further drilling will convert Inferred Resources to Indicated Mineral Resources or that the PEA will be realised. Mineral resources that are not mineral reserves do not have a demonstrated economic viability. Further drilling, evaluation and studies are required to provide any assurance of an economic development case.



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