



FIREFINCH

MORILA LIFE OF MINE PRESENTATION

ASX: FFX
May 2021



IMPORTANT NOTICES

COMPETENT PERSON STATEMENT

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Bill Oliver. Mr Oliver is an employee of Firefinch Limited and a member of the Australian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy. Mr Oliver has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking 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 ('the JORC Code')". Mr Oliver consents to the inclusion in the report of the matters based on his information in the form and context in which it appears

The information in this announcement that relates to Ore Reserves at Morila, N'Tiola, Viper, and Koting is based on information compiled by Mr Ross Cheyne. Mr Cheyne is an employee of Orelogy Consulting Pty Ltd and is a Fellow of the Australian Institute of Mining and Metallurgy (Membership # 109345). Mr Cheyne has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking 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 ('the JORC Code')". Mr Cheyne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

ASX RELEASES

Investors are advised that by their nature as visual aids, presentations provide information in summary form. The key information on the company and its projects can be found in the ASX releases:

- \$70 Million Capital Raising for Acquisition of Morila Gold Mine (9 September 2020),
- Mali Lithium to Become a Gold Producer by Acquiring the Morila Gold Mine in Mali (31 August 2020),
- Corporate Update (7 October 2020),
- Morila - Tailings Resource and Production Target (7 September 2020),
- Substantial Increase to Goulamina Mineral Resource (8 July 2020).
- Goulamina Project Definitive Feasibility Study (20 October 2020)
- Completion of A\$74 Million Capital Raising (28 October 2020)
- Acquisition of Morila Completed (11 November 2020)
- Satellite Pit Resources Update (24 November 2020)
- December 2020 Quarter Gold Production (8 January 2021)
- Morila Resource Update (8 February 2021)
- Update to ASX release on Morila Resource (9 February 2021)
- Intention to Demerge Goulamina (9 February 2021)
- Quarterly Activities Report incl. Production Guidance (28 April 2021)
- Satellite Pit Resources Update (3 May 2021)
- Life of Mine Plan (5 May 2021)

The Company confirms it is not aware of any new information that materially affects the information included in any ASX market announcement.

DISCLAIMER

This presentation and information contained in it is being provided to shareholders and investors for information purposes only. Shareholders and investors should undertake their own evaluation of the information and otherwise contact their professional advisers in the event they wish to buy or sell shares. To the extent the information contains any projections the Company has provided the projections based upon the information available to the Company. The Company does not make any representations as to the accuracy or otherwise of that third party information.

FORWARD LOOKING AND CAUTIONARY STATEMENTS

This announcement contains "forward-looking information" that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the pre-feasibility and feasibility studies, the Company's business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral resources, results of exploration and relations expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions and that the Company's actual future results or performance may be materially different. Forward-looking information is 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.

Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of lithium and other metals; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labour disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. This list is not exhaustive of the factors that may affect our forward-looking information. These and other factors should be considered carefully, and readers should not place undue reliance on such forward-looking information. The Company disclaims any intent or obligations to 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.

Statements regarding plans with respect to the Company's mineral properties may contain forward-looking statements in relation to future matters that can be only made where the Company has a reasonable basis for making those statements. Competent Person Statements regarding plans with respect to the Company's mineral properties are forward looking statements. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. There can be no assurance that the Company will be able to confirm the presence of mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of the Company's mineral properties.

MORILLA THE GORILLA BEATS ITS CHEST

RAPIDLY GROWING PRODUCTION TO 150,000-200,000ozpa

WILL PLACE MORILA AS A TOP 20 ASX GOLD PROJECT

2.43Moz RESOURCE – AND HARDLY STARTED DRILLING

COMPETITIVE AISC OF US\$1,124/oz ON CURRENT RESERVES

ROBUST CASHFLOWS - US\$604M (A\$805M) TO 2028

COMPELLING VALUATION WITH SIGNIFICANT UPSIDE



FIRST GOLD POUR AT MORILA UNDER FIREFINCH OWNERSHIP

LIFE OF MINE PLAN CONFIRMS 150-200K OUNCES GOLD PER YEAR

AND IT'S JUST THE BEGINNING

LoM Production	1.45Moz @ 1.5g/t
10 Years	2021 – 2030
Average Production	160koz/yr
AISC	US\$1,124/oz
Global Mineral Resources¹	2.43Moz
Current Market Capitalisation²	A\$305M

¹ See slide 16 for details

² Fully diluted market capitalisation assumes share price of \$0.38 as at close of trade 4 May 2021. Refer ASX Announcement Life of Mine Plan released 5 May 2021



BALL MILL RELINING

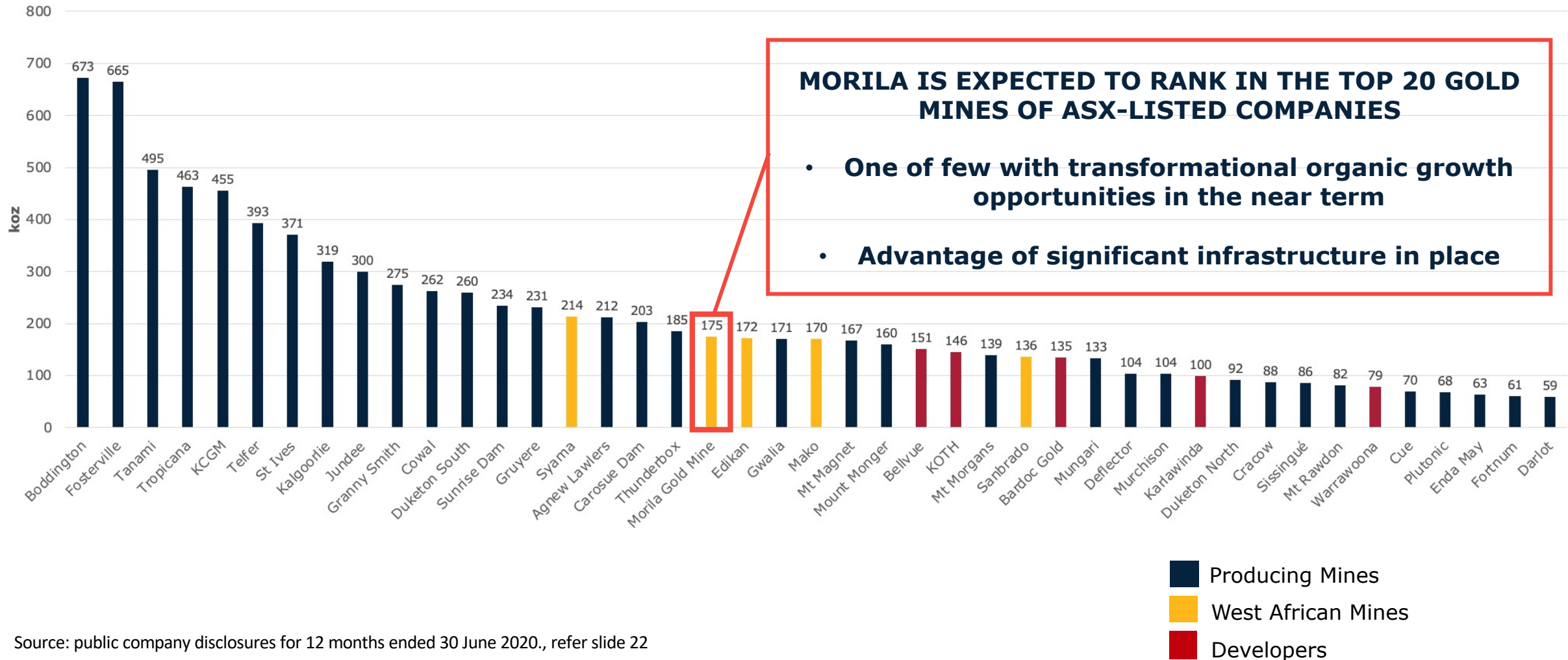
“CONTENDER FOR THE DEAL OF THE CENTURY”

- Morila Gold Mine bought for just US\$29.7m in November 2020
- **Acquisition cost per ounce of less than US\$15**
- This compares with US\$392 per ounce for the recent Regis transaction¹

1. Regis transaction: Comparison made on the basis of Regis paying US\$903m for a 2.3Moz resource base vs Firefinch paying US\$29m for what is now 2.4Moz of resources.

MORILA FORECAST TO BE AN ASX TOP 20 GOLD PRODUCING MINE IN 2023

Last Twelve Months (LTM) Production of ASX Listed Gold Mines & Forecast Production of Developers*



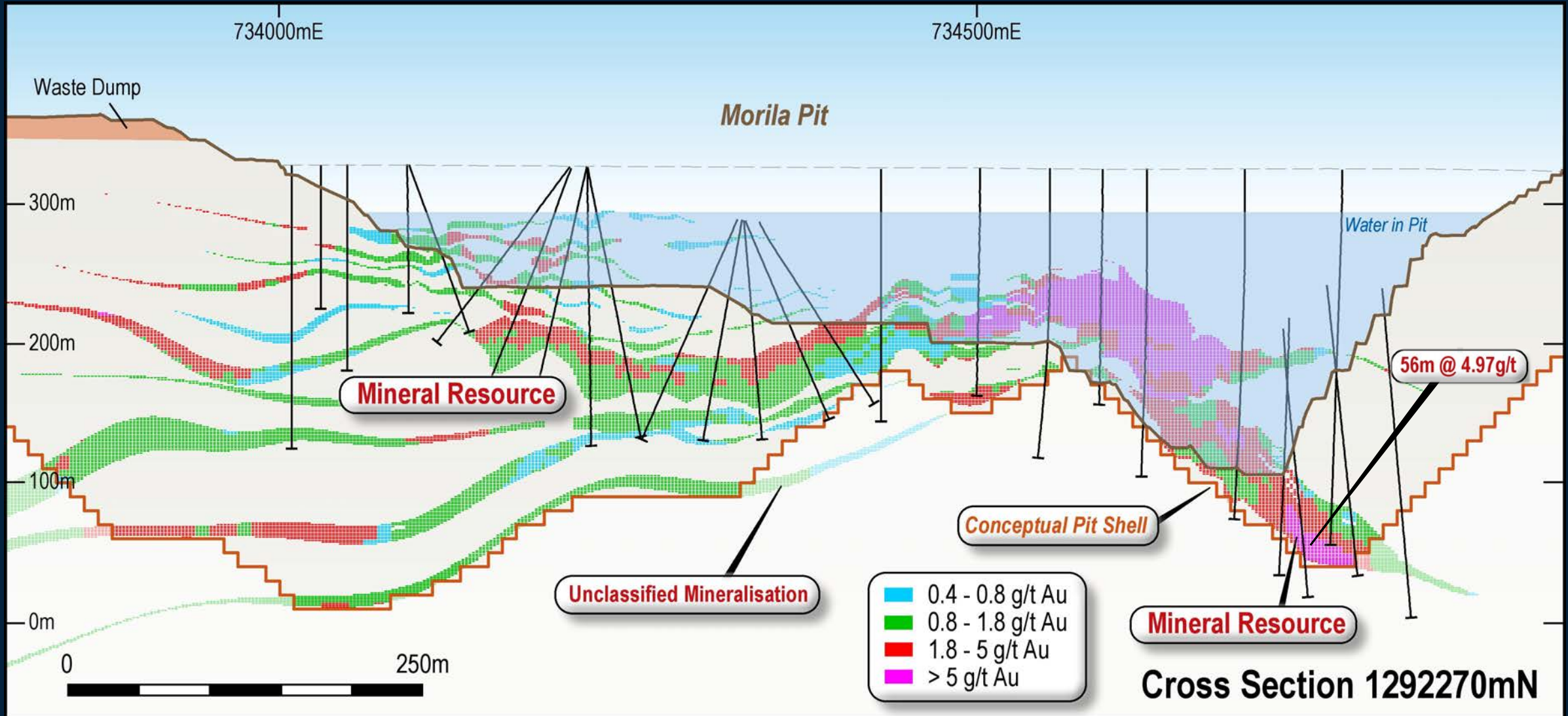
Source: public company disclosures for 12 months ended 30 June 2020., refer slide 22

LOOKING FOR REPEATS OF ULTRA HIGH GRADES

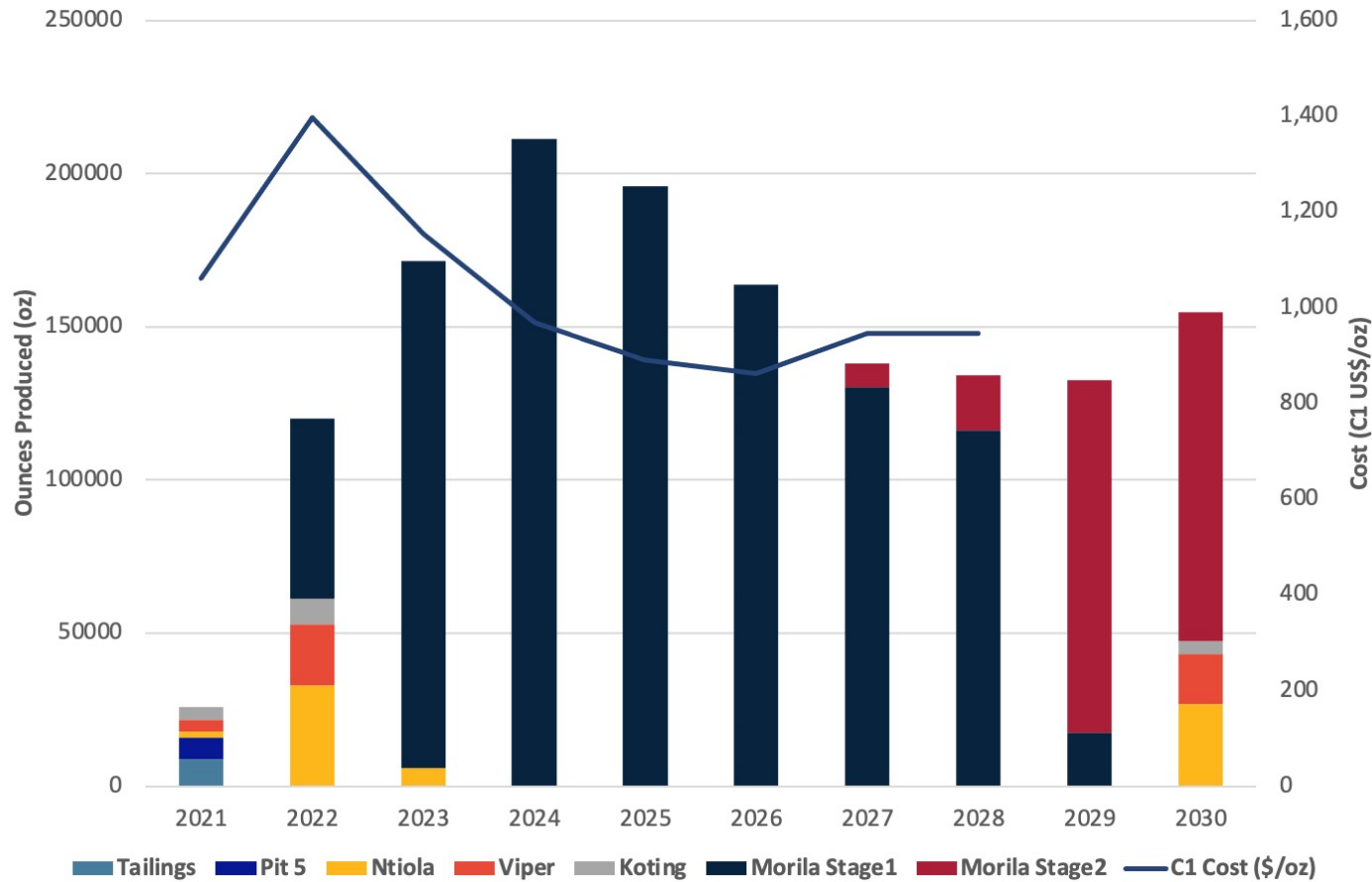


MORILA PIT WAS ULTRA HIGH GRADE WHEN IN PRODUCTION

MASSIVE SYSTEM OVER 1.6KM ACROSS AND OPEN - LIMITS TO MINERALISATION NOT DEFINED



RAPID PRODUCTION RAMP UP & BLUE SKY

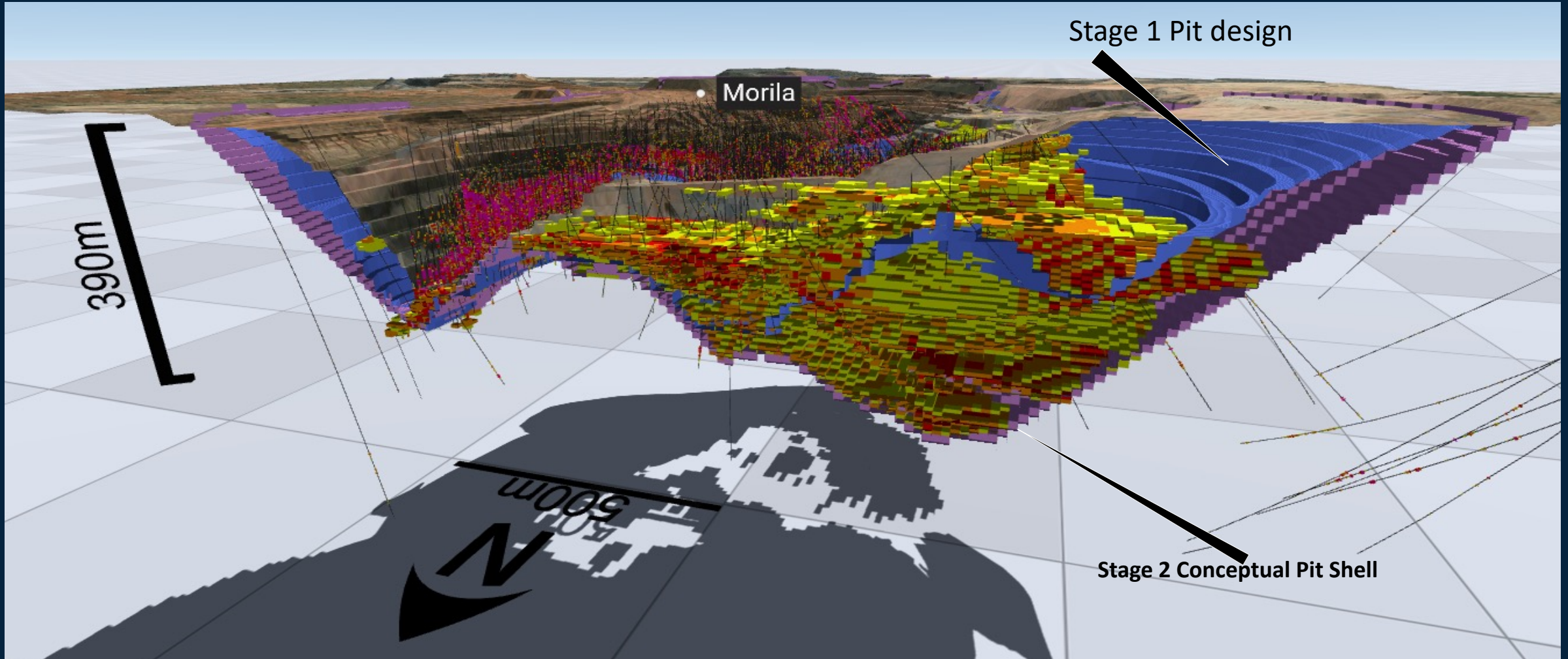


- Staged production ramp up
- Stage 1 is reserves, satellites first then Morila Super Pit
- Intensive drilling of Morila to commence soon
- Stage 2 is push back in pit
- Underground potential not yet accounted for

WHAT LIES BENEATH... UNTOLD UPSIDE AT MORILA SUPER PIT



- Drilling to commence June 2021 aiming to maximise conversion of resources to reserves
- Numerous high-grade intersections in drilling outside the pit design



WE ARE RESPONSIBLE MINERS



US\$895M EXPECTED TO BE CONTRIBUTED IN TAXES, ROYALTIES, WAGES AND LOCAL PROCUREMENT OVER NEXT 10 YEARS



MORILA'S AGRIBUSINESS PROJECT INCLUDES FIVE OPERATIONS: POULTRY, FISH, FRUIT, BEEKEEPING AND LIVESTOCK FEED PRODUCTION. IN POULTRY FARMING, ABOUT 59,000 LAYERS AND BROILERS ARE BEING RAISED



THE FISH FARM PRODUCES OVER 60,000 TILAPIA FRY EACH QUARTER



STRONG STAKEHOLDER RELATIONS (ABOVE) MINISTER FOR ENVIRONMENT



STRICT COVID PROTOCOLS PROTECT HEALTH & SAFETY OF OUR LOCAL WORKFORCE

GOULAMINA LITHIUM PROJECT



GOULAMINA: ONE OF THE WORLD'S HIGHEST QUALITY LITHIUM ASSETS



LONG LIFE, LARGE SCALE, LOW-COST OPEN PIT PROJECT

- Definitive Feasibility Study completed and mining and environmental permits in place
- World class deposit 108.5 million tonnes at 1.45% Li_2O % resource and 52 million tonnes at 1.51% Li_2O % reserves¹
- The project delivers outstanding returns with a pre-tax NPV of A\$1.7 billion over a 23 year life
- Quality 6% Li_2O spodumene concentrate, high grade and low in impurities
- Intention to de-merge Goulamina and give shareholders a pro-rata share in a new ASX lithium company



**COARSE SPODUMENE
BLADES (LI MINERAL)
IN DRILL CORE**

1. See ASX release 20 October 2020 for DFS results.

FIREFINCH – KEY TAKEAWAYS



FFX HAS ONE OF AFRICA'S GREAT GOLD MINES

- 2.43 MILLION OUNCES OF GOLD INVENTORY
- 1 MILLION OUNCE MAIDEN RESERVE
- RAPIDLY GROWING TO 150-200,000 OUNCES PER ANNUM¹
- SEEKING TO SIGNIFICANTLY GROW RESERVE BASE AND REPEAT PAST SUPER HIGH GRADES

LITHIUM FOR FREE

- GOULAMINA IS WORLD CLASS AND FULLY PERMITTED
- LITHIUM TO BE DEMERGED TO REALISE TRUE VALUE
- SHAREHOLDERS TO RECEIVE A NEW ASX LISTED LITHIUM SHARE
- PARTNERING AND FINANCING DISCUSSIONS COMMENCED

1. Refer to ASX release: Life of Mine Plan 5 May 2021



FIREFINCH

WORLD CLASS GOLD IN MALI

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ASX:FFX



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APPENDICES



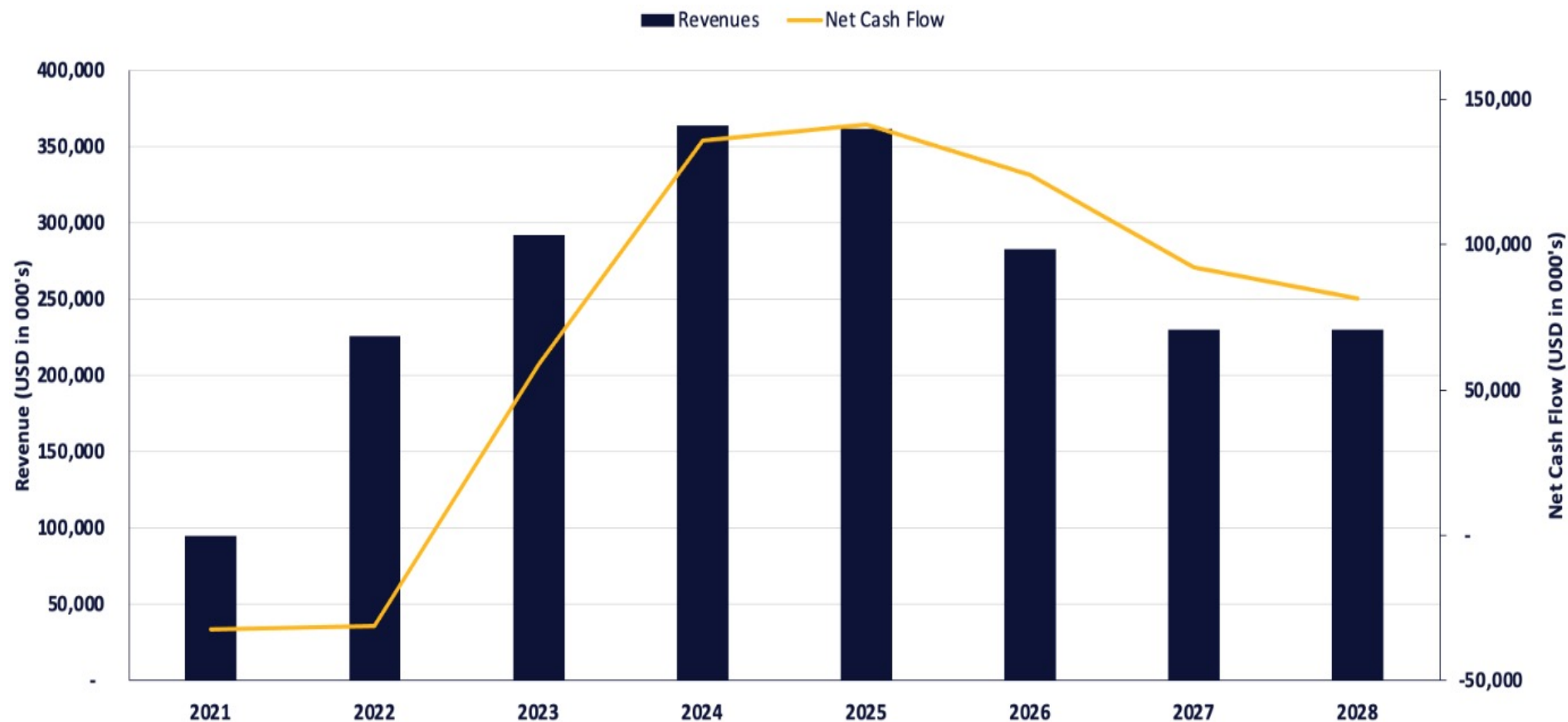
LOMP KEY PROJECT METRICS

Ownership	80% Firefinch, 20% Government of Mali
Type	Open-pit
Resources	50.5Mt at 1.50g/t for 2.43Moz
Reserves	23.8Mt at 1.4g/t for 1.07Moz
Current LoM Plan	10 years
LoM Strip Ratio	6.2
Processing	Conventional CIL + gravity
Recovery LoM	91%
Plant Commissioned	October 2000
Production to Dec 2020	62.2Mt at 3.81g/t for 7.62Moz
2021 Guidance	43 – 49koz
LoM Production	160koz/yr
LoM AISC Cost	US\$1124/oz
LoM C1 Cash Cost	US\$962/oz
Workforce	95% Malian
Safety	TRIFR 0.81
Tax	Corporate tax 30%, VAT 17%
Govt. Royalty	6%



Refer ASX Announcements Life of Mine Plan 5 May 2021

NET CASH FLOWS

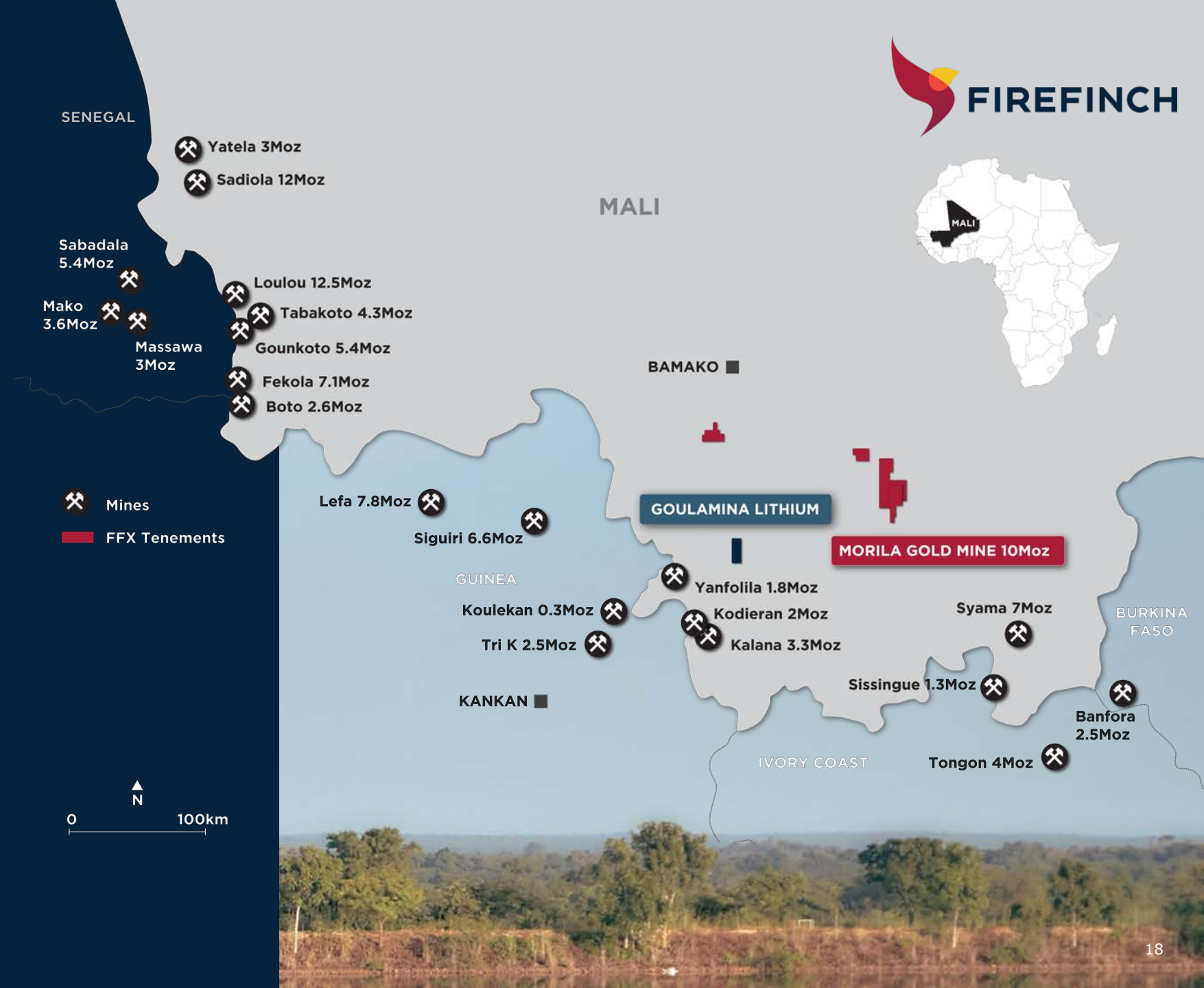


Refer ASX Announcements Life of Mine Plan 5 May 2021

MAJOR GOLD AND LITHIUM ASSETS IN WEST AFRICA



- FFX has operating in Mali for 9 years
- Mali is Africa's 3rd largest gold producer; 9 major mines
- Mature gold industry, great local skills
- Neighbours include Barrick, AngloGold Ashanti, Resolute, B2Gold, Endeavour
- Fiscal regime; 30% Corporate tax, 17% VAT and 6% Royalty



LEADERSHIP TEAM

BOARD

Alistair Cowden Chairman

Experienced mining company founder and builder with 41 years as a mining executive and geologist in gold, nickel and copper industry in Australia, Africa, Asia and Europe.

Michael Anderson Managing Director

Recently appointed MD Michael Anderson joins Firefinch from Taurus Funds, where he helped to lead the fund's investments in West Africa including Teranga (Senegal, Burkina), Toro Gold (Senegal) West African Resources (Burkina) and Asanko (Ghana).

Brad Gordon Non-Executive Director

Brad Gordon is an experienced mining engineer, well known from his successful operational turnaround of Acacia Mining as CEO from 2013-2018.

Mark Hepburn Non-Executive Director

28 years+ finance industry experience in stockbroking, corporate funding and business management

Brendan Borg Non-Executive Director

20 years+ experience as a geologist specialising in "battery materials" lithium, graphite & cobalt

Brett Fraser Non-Executive Director

30 years+ experience in corporate finance and executive roles with ASX listed resource companies



MANAGEMENT

Eric Hughes CFO & Company Secretary

20 years+ experience in senior finance executive roles with ASX listed resource companies

Andrew Taplin Chief Operating Officer

25 years+ experience in the resources sector specialising in operations, major project development and joint ventures.

Bill Oliver GM Geology and Exploration

20 years+ experience in international resources industry for both major and junior companies.

Drissa Arama GM Morila Mine

30 years+ experience metallurgy in the mining industry.

Seydou Semega Country Manager Mali

15 years mining and management experience in Mali and West Africa

MINERAL RESOURCES AT MORILA



Deposit	Measured & Indicated			Inferred			Total		
	Tonnes (millions)	Grade (g/t)	Ounces ('000)	Tonnes (millions)	Grade (g/t)	Ounces ('000)	Tonnes (millions)	Grade (g/t)	Ounces ('000)
Morila Pit ¹	21.2	1.60	1,090	17.5	1.37	770	38.6	1.50	1,860
Morila NE ²				0.21	3.07	21	0.21	3.07	21
Samacline ²				3.74	2.56	308	3.74	2.56	308
Morila Pit 5 ³	0.72	1.04	24	0.12	1.38	6	0.84	1.09	30
Koting ³	0.65	1.05	22	0.28	0.94	8	0.93	1.01	30
N'Tiola ³	2.42	1.05	81	0.01	0.74	1	2.43	1.04	81
Viper ³	1.52	1.04	51	0.03	1.41	1	1.55	1.05	52
Domba ⁴	0.20	1.75	11	0.25	1.61	13	0.46	1.67	25
Tailings ⁵	1.73	0.50	28				1.73	0.50	28
Total	28.42	1.43	1,309	22.08	1.58	1,124	50.50	1.50	2,430

¹ The Morila Pit resource is quoted using a 0.4g/t gold cut-off grade.

² The Samacline and Morila NE resources are quoted using a 1.8g/t gold cut-off grade.

³ The N'Tiola, Viper, Koting and Morila Pit 5 resources are quoted using cut-off grades ranging from 0.35 – 0.45g/t gold, further information in the ASX Announcement of 3rd May 2021.

⁴ The Domba resource is quoted using a 0.5g/t gold cut-off grade, further information in the ASX Announcement of 24th November 2020.

⁵ The Tailings resource is quoted using a 0.3g/t gold cut-off grade and is current as at 31 March 2021.

⁶ A detailed breakdown of Measured, Indicated and Inferred Mineral Resources is contained in the ASX Announcement of 3rd May 2021.

⁷ Numbers in the above table may not appear to sum correctly due to rounding.

PROBABLE ORE RESERVES AT MORILA



Deposit	Total		
	Tonnes (millions)	Grade (g/t)	Ounces (‘000)
Morila Pit ¹	19.8	1.47	932
N’Tiola ¹	2.13	1.08	74
Viper ¹	1.30	1.46	43
Koting ¹	0.63	0.98	20
Total	23.8	1.40	1,070

¹ Details contained in the ASX Announcement of 5th May 2021.

² Numbers in the above table may not appear to sum correctly due to rounding.

GOULAMINA RESOURCE AND RESERVE

GOULAMINA MINERAL RESOURCE ESTIMATE - JUNE 2020

Classification	Tonnes (Millions)	Grade Li ₂ O (%)	Contained Tonnes Li ₂ O
Measured	8.4	1.57	133,000
Indicated	56.2	1.48	832,000
Inferred	43.9	1.38	606,000
Total	108.5	1.45	1,570,000

GOULAMINA OPEN PIT ORE RESERVE ESTIMATE - OCTOBER 2020

Proven	8.1	1.55	125,000
Probable	44.0	1.50	660,000
Total	52.0	1.51	785,000

ASX-LISTED PRODUCING MINES PRODUCTION FIGURES

Company	Project	2020 Production	Source
Newmont	Boddington	668,000	Press Release Feb 18th 2021 - Newmont Delivers Record Full-Year and Fourth Quarter Results
Kirkland Lake	Fosterville	640,467	Press Release Feb 25th 2021 - KIRKLAND LAKE GOLD REPORTS RECORD RESULTS IN Q4 & FY 2020
Newmont	Tanami	492,000	Press Release Feb 18th 2021 - Newmont Delivers Record Full-Year and Fourth Quarter Results
AngloGold Ashanti	Tropicana	425,715	Anglogold Ashanti Annual Report 2020 (released March 26 2021)
Northern Star	KCGM	461,420	SAR 2020 Annual Report (19 August 2020), NST Annual Report (19 August 2020), Newmont 18th Feb 2021 and 29 Oct 2020, Barrick Nov 6 2019 and Feb 12 2020
Newcrest	Telfer	391,000	Full Year Results 14 August 2020
Resolute Mining	Syama	214,360	ASX Announcements 7 April 2021 and 17 March 2021 (RSG 2020 Annual Report)
Gold Fields	St Ives	384,900	Gold Fields Annual Report 2020
Northern Star	Kalgoorlie	318,759	ASX Announcement 19 August 2020 (NST 2020 Annual Report)
Northern Star	Jundee	300,150	ASX Announcement 19 August 2020 (NST 2020 Annual Report)
Gold Fields	Granny Smith	269,600	Gold Fields Annual Report 2020
Evolution	Cowal	262,000	ASX Announcement 26 October 2020 (EVN Annual Report 2020)
Regis Resources	Duketon South	260,000	ASX Announcement 23 October 2020 (RRL Annual Report 2020)
Perseus Mining	Edikan	171,638	ASX Announcement 26 August 2020 (PRU 2020 Annual Report)
Perseus Mining	Sissuinge	86,001	ASX Announcement 26 August 2020 (PRU 2020 Annual Report)
Perseus Mining	Yaoure	0	ASX Announcement 26 August 2020 (PRU 2020 Annual Report)
AngloGold Ashanti	Sunrise Dam	256,000	Anglogold Ashanti Annual Report 2020 (released March 26 2021)
GoldFields/GoldRoad	Gruyere	258,200	Gold Fields Annual Report 2020
Gold Fields	Agnew Lawlers	233,300	Gold Fields Annual Report 2020
Northern Star	Carosue Dam	203,281	ASX Announcement 19 August 2020 (SAR 2020 Annual Report)
Northern Star	Thunderbox	184,538	ASX Announcement 19 August 2020 (SAR 2020 Annual Report)
St Barbaras	Gwalia	171,840	ASX Announcement 24 August 2020 (SBM Annual Report 2020)
Ramelius	Mt Magnet	167,129	ASX Announcement 24 August 2020 (RMS Annual Report 2020)
Silver Lake	Mount Monger	160,214	ASX Announcement 20 October 2020 (SLR Annual Report 2020)
Bellevue Gold	Bellevue	151,000	ASX Announcement 18 February 2021
Red 5	KOTH	146,000	ASX Announcement 15 September 2020
Dacian	Mt Morgans	138,814	ASX Announcement 29 October 2020 (DCN Annual Report 2020)
West African Resources	Sanbrado	136,476	ASX Announcement 29 March 2021 (WAF 2020 Annual Report)
Bardoc Gold	Bardoc Gold	136,000	ASX Announcement 29 March 2021
Evolution	Mungari	133,000	ASX Announcement 26 October 2020 (EVN Annual Report 2020)
Silver Lake	Deflector	104,376	ASX Announcement 20 October 2020 (SLR Annual Report 2020)
Westgold	Meekatharra	103,095	ASX Announcement 13 October 2020 (WGX Annual Report 2020)
Capricorn	Karlawinda	105,000	ASX Announcement 16 April 2020
Regis Resources	Duketon South	92,000	ASX Announcement 23 October 2020 (RRL Annual Report 2020)
Aeris	Cracow	88,000	ASX Announcement 26 October 2020 (EVN Annual Report 2020)
Evolution	Mt Rawdon	82,000	ASX Announcement 26 October 2020 (EVN Annual Report 2020)
Calidus	Warrawoona	85,000	ASX Announcement 29 June 2020 (CAI Annual Report 2020)
Westgold	Cue	70,893	ASX Announcement 13 October 2020 (WGX Annual Report 2020)
Superior	Plutonic	63,732	Superior Annual Report 2020 (released March 9 2021)
Ramelius	Enda May	63,297	ASX Announcement 24 August 2020 (RMS Annual Report 2020)
Westgold	Fortnum	61,208	ASX Announcement 13 October 2020 (WGX Annual Report 2020)
Red 5	Darlot	63,921	ASX Announcement 14 October 2020 (RED Annual Report 2020). Additional 38koz produced from KOTH ore