Ticker: FFX AU	Net cash: A\$54m	Project: Morila	Project: Morila		
Market cap: A\$497m	<b>Price:</b> A\$0.55/sh	Country: Mali			
RECOMMENDATION (unc): BUY	TARGET (unc): A\$0.80/sh	RISK RATING: HIGH			

We think Firefinch's update on the Goulamina JV transaction with Ganfeng and the subsequent spinout of Goulamina into ASX-listed Leo Lihtium is a positive one. Execution of legal agreements has progressed quickly and clear indicative timelines were provided regarding transaction execution. Moreover, we are impressed to see both parties formally state intention to progress to FID by year end. Proceeds from Ganfeng's US\$130m JV equity commitments and US\$64m debt provision match the US\$194m capex estimated in the 2020 feasibility study. As a result, Leo Lithium should begin its listed life with an attractive project, experienced and financially committed JV partner, detailed engineering design in place, and substantially funded status. We maintain our Goulamina valuation of US\$130m based on the transaction look-through value, and maintain our BUY rating and A\$0.80/sh price target based on 0.9x NAV<sub>5%-1850</sub>. Firefinch has rapidly progressed through milestones while achieving its guided timelines at Morila and Goulamina; we believe this is a positive indicator for a new operator.

### Goulamina JV agreement with Ganfeng executed, asset to be ASX-listed as Leo Lithium

Transaction Update: Firefinch announced that it and Ganfeng Lithium have executed 'a suite of legal agreements' regarding the Goulamina JV Transaction; these include the Subscription Agreement, Shareholder's Agreement, Offtake Agreement and Management Agreement. Formal documentation has been completed and completion of conditions precedent is underway. Firefinch and Ganfeng agreed to seek a financial investment decision regarding Goulamina by the end of December 2021. Chinese regulatory approvals are expected to require up to three months, and Ganfeng has commenced the approval process. Firefinch noted positive engagement with the Malian Government and that formal confirmation of Government support is expected shortly.

Ganfeng Transaction & FID	Indicative Timeline	Demerger of Leo Lithium	Indicative Timeline
Chinese regulatory approvals received	DQ21	Australian Tax Office ruling on demerger tax relief	December 2021
Ganfeng US\$39 million first investment received	DQ21	Lodge Demerger Short Form Prospectus & Notice of Meeting	Early January 2022
Goulamina Final Investment Decision	DQ21	Shareholder vote on demerger	February 2022
Ganfeng US\$91 million second investment received	DQ21	Demerger implementation	February 2022
Ganfeng debt received (up to US\$64 million)	MQ22 / early JQ22	Lodge Entitlement Offer Long Form Prospectus	February 2022
Source: Firefinch		ASX listing of Leo Lithium	By end MQ22
		Source: Firefinch	

### Figure 1: Indicative transaction timelines

Goulamina Demerger: Firefinch intends to demerge the lithium assets in an in specie distribution to Firefinch shareholders, seeking shareholder approval in February 2022 and complete demerger and ASX listing of the spinco, to be named Leo Lithium, in calendar 1Q21 or early 2Q22. Firefinch noted its intention to maintain ownership of up to 20% of Leo Lithium.

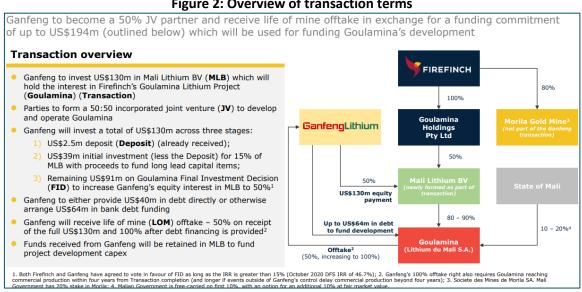


Figure 2: Overview of transaction terms

Source: Firefinch



## Why we like Firefinch

- 1. 160-200kozpa production profile to 2030 for lower capex than similar-sized projects
- 2. High-grade drilling potential could take production >200kozpa
- 3. Exploration upside on 685km regional tenements
- 4. 20-year operating history at Morila with team, systems and infrastructure in place

## Catalysts

- 2022: SCPe 120kozpa run rate
- Mid-2022: Re-commencement of mining from the Morila Main Pit
- 2023: SCPe 160kozpa run rate

### Research

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### 16 August 2021

Ticker: FFX AU	Price / mkt	cap:	A\$0.55/sh, A\$	497m		Market P/NAV:	0.61x		Assets:	Morila	
Analyst: J Chan / B Gaspar	Rec / PT:		BUY / A\$0.80			1xNAV <sub>2Q20</sub> FD:	A\$0.90/sh	(	Country:	Mali	
Group-level SOTP valuation	2Q21	3Q21E				Resource / Reserve	Mt	000oz	EV/oz		
		A\$m	O/ship	NAVx	A\$/sh	Measured, ind. & inf.	51	2,433	143		
Morila NPV 3Q21E		676	80%	0.90x	0.65	SCPe Mine Inventory	42	1,819	191		
Central SG&A & fin costs 3Q21E		(101)	-	0.90x	(0.10)	Commodity price	CY20E	CY21E	CY22E	CY23E	CY24E
Ounces outside mine plan (\$25/oz)		21	100%	0.90x	0.02	Gold price (US\$/oz)	1,631	1,788	1,818	1,850	1,850
Cash and restr. cash 2Q21 Cash from options		54 3	-	0.90x 0.90x	0.05 0.00	Share data Basic shares (m): 902.9	ED +	options (m):	941.0	FD/FF	941.0
Debt 2Q21		(10)	-	0.90x	(0.01)	Ratio analysis	CY20E	CY21E	CY22E	CY23E	CY24E
Exploration		25		0.90x	0.02	FD shares out (m)	782	903	903	903	903
Goulamina		176		0.90x	0.17	EPS (A\$/sh)	0.00	(0.02)	(0.01)	0.05	0.10
1xNAV5% A\$1850/oz fully diluted, pre	e-funded	844			0.81	CFPS before w/c (A\$/sh)	(0.01)	0.02	0.01	0.06	0.15
Assumed equity component of project		-		0.90x	-	FCFPS pre growth (A\$/sh)	(0.02)	0.02	0.01	0.05	0.14
1xNAV5% A\$1850/oz fully funded		844			0.81	FCF/sh (A\$/sh)	(0.01)	(0.02)	(0.07)	0.05	0.14
1x fully funded NAVPS sensitivity to g	old price and	discount /	NAV multiple			FCF yield pre growth (A\$/sh)	(3%)	4%	1%	9%	25%
1xNAV asset (US\$m)	\$1500oz	\$1700oz	\$1850oz	\$20000	z \$2200oz	FCF yield (%)	(2%)	(4%)	(12%)	9%	25%
8% discount	315	474	591	708	862	EBITDA margin (%)	1%	(1%)	11%	31%	43%
7% discount	332	497	619	740	901	FCF margin (%)	(46%)	(14%)	(20%)	10%	24%
6% discount	350	522	648	775	942	ROA (%)	0%	(8%)	(3%)	18%	28%
5% discount	369	548	680	811	986	ROE (%)	0%	(11%)	(5%)	26%	35%
4% discount	303	576	714	851	1,033	ROCE (%)	0%	(8%)	3%	50%	65%
Valuation (A\$/sh)	\$1500oz	\$1700oz	\$1850oz	\$20000	-	PER (x)	1,945x	(8%) (31x)	(85x)	12x	6x
0.50xNAV 0.75xNAV	0.36	0.46	0.53	0.60	0.69	P/CF (x) EV/EBITDA (x)	12x 1,550x	(253x) (476x)	22x	бх 4х	4x 2x
	0.45		0.71	0.81	0.95			. ,	16x		
0.90xNAV	0.51	0.69	0.81	0.94	1.11	Income statement	CY20E	CY21E	CY22E	CY23E	CY24E
1.20xNAV	0.63	0.86	1.03	1.20	1.42	Revenue (A\$m)	20	133	294	434	528
Valuation over time	1Q21E	1Q22E	1Q23E	1Q24E	1Q25E	COGS (A\$m)	(17)	(123)	(251)	(288)	(293)
Mines NPV (A\$m)	623.4	689.6	775.4	716.6	596.3	Gross profit (A\$m)	3	10	44	146	235
Cntrl G&A & fin costs (A\$m)	(88.1)	(108.6)	(67.8)	(14.6)	1.0	Expenses (A\$m)				(4)	(3)
Net cash at 1Q (A\$m)	33.6	(25.7)	19.3	144.5	222.6	Impairment & other (A\$m)					
1xNAV (US\$m)	569	555	727	847	820	Net finance costs (A\$m)	1	(1)	(3)	(6)	(4)
P/NAV (x):	0.67x	0.69x	0.53x	0.45x	0.47x	Tax (A\$m)	(0)	(1)	(6)	(32)	(56)
1xNAV share px FD (A\$/sh)	0.82	0.80	1.05	1.22	1.18	– Minority interest (A\$m)	(1)	(0)	(3)	(15)	(26)
ROI to equity holder (% pa)	49%	21%	24%	22%	17%	Net income attr. (A\$m)	3	8	32	90	146
1.2xNAV share px FD (A\$/sh)	0.98	0.96	1.26	1.46	1.42	EBITDA (A\$m)	0	(1)	34	136	225
ROI to equity holder (% pa)	79%	32%	32%	28%	21%	Cash flow	CY20E	CY21E	CY22E	CY23E	CY24E
Morila 1xNAV sensitivity to grade and		52/0	5270	20/0	2170	Profit/(loss) after tax (A\$m)	0	(15)	(6)	43	89
Morila NPV5% (US\$m)	SR: 6.0x	6.5x	7.0x	8.0x	9.0x	Add non-cash items (A\$m)	35	13	28	41	50
Grade: 1.30g/t		391	369	325	281	Less wkg cap / other (A\$m)	(42)	24	(10)	(32)	(7)
-						Cash flow ops (A\$m)	(42)	22	13	52	132
Grade: 1.40g/1		478	456	412	367	PP&E (A\$m)	(0)	(40)	(72)	(7)	(7)
Grade: 1.45g/1		521	499	455	411			(40)	(72)	(7)	(7)
Grade: 1.50g/t		565	543	498	454	Other (A\$m)	(46)				
Grade: 1.60g/1		652	629	585	541	Cash flow inv. (A\$m)	(49)	(40)	(72)	(7)	(7)
Morila 1xNAV sensitivity to gold price						Debt draw (repayment) (A\$m)		10	20	(13)	(13)
Morila NPV5% (US\$m)	\$1500oz	\$1700oz	\$1850oz	\$20000	z \$2200oz	Equity issuance (A\$m)	69	45			
Mining: US\$2.50/1		402	499	596	724	Other (A\$m)					
Mining: US\$2.75/1	271	402	499	596	724	Cash flow fin. (A\$m)	69	55	20	(13)	(13)
Mining: US\$3.00/1	271	402	499	596	724	Net change post forex (A\$m)	14	36	(39)	32	112
Mining: US\$3.25/1	271	402	499	596	724	FCF (A\$m)	(9)	(18)	(59)	45	125
Mining: US\$3.50/1	271	402	499	596	724	Balance sheet	CY20E	CY21E	CY22E	CY22E	CY22E
Morila (000oz)		<b>→</b> N	Iorila AISC (US	\$/oz)		Cash (A\$m)	17	53	14	46	158
400koz	~		, ,	· 1	US\$1600/oz	Accounts receivable (A\$m)	14	14	15	36	44
300koz					US\$1400/oz	Inventories (A\$m)	37	24	36	47	48
200koz -		_	~		US\$1200/oz	PPE & exploration (A\$m)	60	88	132	97	54
100koz				~	US\$1000/oz	Other (A\$m)	11	11	11	11	11
0koz					US\$800/oz	Total assets (A\$m)	139	190	207	237	314
CY20E CY21E	CY22E	C)	Y23E C	Y24E	0.04000/0z	Debt (A\$m)	10	20	40	26	13
Production (100%)	CY20E	CY21E	CY22E	CY23E	CY24E	Other liabilities (ASm)	30	41	44	45	46
Morila (000oz)	11	52	121	173	211	Shareholders equity (A\$m)	134	179	179	179	179
Morila cash cost (US\$/oz)	1,202	1,609	1,440	1,115	916	Retained earnings (A\$m)	(37)	(51)	(57)	(14)	75
Morila AISC (US\$/oz)	1,202	1,784	1,582	1,115	1,050	Minority int. & other (A\$m)	2	2	2	2	2
Group (000oz)	1,401	52	1,382	1,234	211	Liabilities+equity (A\$m)	139	190	207	237	314
Group (00002) Group cash cost (US\$/oz)	1,128	52 1,777	1,549	1,226	1,027	Net cash (A\$m)	8	34	(26)	19	145
Group AISC (US\$/oz)	1,600	1,938	1,644	1,297	1,085	Net debt to NTM EBITDA (x)	7.8x	(1.0x)	0.2x	(0.1x)	(1.3x)

Source: SCP estimates

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TENDER:	0
NOT RATED:	0
TOTAL	45

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