Pacifico Minerals Ltd (PMY \$0.023) Speculative Buy

Analyst Andrew Clayton Date

25th August 2020

Price Target

\$0.04/sh 🛕 from \$0.025/sh

Investment case

Updated PFS

PMY has delivered a strong PFS study showing a pre tax NPV8 of >\$300m based on a 10yr project producing 50kt of Pb and 1.5moz of Ag pa. Fortunately the longer life, increased production and significant silver credits has offset much of the capex increase. Incorporating the new results, increasing our LT Silver price to US\$22/oz and reducing our risk adjustment factor from 40% to 70% (with greater confidence on these numbers) results in our valuation increasing from \$0.025/sh to \$0.039/sh. The project remains leveraged to silver with spot prices increasing our valuation to >\$0.05/sh. Extensional and infill drilling will commence shortly and based on historical success rate, a mine of >12yrs in the DFS is realistic. Longer term options of including a Dense Media Separation ('DMS') in the plant remain and the DFS will investigate all these options. There are few long life development base metal projects in Tier 1 locations owned by juniors and as such makes PMY a potential target. We expect the project will be readily financed by traditional banks/equity but also potential for NAIF or its 25% JV partner to offer something more creative. We increase our PT to \$0.04/sh to reflect our new valuation and the leverage that PMY offers in a strong silver market.

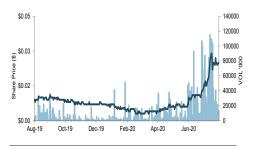
Key points

- PMY has released an updated/optimised PFS on the Sorby Hills project. This study incorporates the significant increase in M&I resource (from 8.6mt to 20.4mt) which has led to a larger scale project.
- Key metrics from the PFS are;
 - o Throughput increased from 1mtpa to 1.5mpta
 - Average Pb and Ag production of 50kt and 1.5moz pa, up from 31kt pa and 1moz of Ag.
 - o Mine life of 10yrs, up from 8yrs
 - o Simplified flowsheet whole ore flotation rather than DMS.
 - Capex increased to \$184m from \$95m which is now a more realistic estimate and includes;
 - Pre Production mining of \$24m,
 - Process Plant (incl EPC fee) \$105m,
 - Mine infrastructure \$21m,
 - Contingency \$20m and Owners cost \$13m.
 - o C1 costs of US\$0.40/lb (incl Ag credit of US\$0.29/lb)
 - AISC of US\$0.47/lb which at current prices is ~ 48% operating margin.

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Pacifico Minerals Ltd	,	Year End	30 June
Share Price	0.023		A\$/sh
Price Target	0.040		A\$/sh
Valuation	0.039		A\$/sh
Shares on issue Market Capitalisation Enterprise Value Debt Cash Largest Shareholder	63 0 3		diluted * A\$m A\$m A\$m A\$m 12.0%
Production F/Cast	2021f	2022f	2023f
Attrib. Prod'n (kt)		0	17
Cash Cost (US\$/lb)		0.00	1.34
Total Cost (US\$/lb)		0.00	0.68
Assumptions	2021f	2022f	2023f
Pb Price US\$/lb	0.91	0.86	0.90
AUDUSD	0.72	0.67	0.70
Key Financials	2021f	2022f	2023f
Revenue (A\$m) EBITDA (A\$m) NPAT (A\$m) Cashflow (A\$m)	0 0 0	0 0 0	71 23 12 12
CFPS (Ac)	0	0	0
P/CFPS (x)	na	na	545
EPS (Ac)	0	0	0
EPS growth (%)	na	na	na
PER (x)	na	na	6
EV:EBITDA (x)	na	na	5.4
EV:EBIT (x)	na	na	5.5
DPS (Ac)	0.0	0.0	0.0
Dividend Yield (%)	0%	0%	0%
ND:Net Debt+Equity	(%) -172%	8%	31%
Interest Cover (x)	na	na	na

Share Price Chart



Disclaimer

Euroz Securities declares that it has acted as underwriter to and/or arranged an equity issue in and/or provided corporate advice to Pacifico Mining Ltd during the last year. Euroz Securities has received a fee for these services.

This analyst declares that he has a beneficial interest in Pacifico Mining Ltd .

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(PMY \$0.023) Speculative Buy

ltem	Unit	Base Case
Economic Assumptions		
Lead Price	US\$/t	2,095
Silver Price	US\$/oz	21.10
Exchange Rate	A\$:US\$	0.70
Physicals		
Life of Mine (LOM)	Years	9.9
Mined Ore	KBCM	5,161
Strip Ratio	Waste : Ore	8.0x
Processed Tonnes	kt	14,760
Processed Lead Grade	%	3.63
Processed Silver Grade	g/t	39.5
Lead Recovery	%	93.3
Silver Recovery	%	80.3
Recovered Lead	kt	500.2
Recovered Silver	Moz	15.1
Concentrate Produced	kdmt	806.8
Payable Lead	kt	475.2
Payable Silver	Moz	14.3

Operating Cost Estimate ¹				
Cost Centre	A\$M	A\$/t ore	A\$/lb ²	US\$/lb ²
Mining	347	23.48	0.33	0.23
Processing	292	19.80	0.28	0.20
G & A	107	7.28	0.10	0.07
Transport	108	7.35	0.10	0.07
Lead Treatment Charges	161	10.93	0.15	0.11
C1 Costs excl. Credits	1,016	68.85	0.97	0.68
Silver Revenue	(431)	(29.21)	(0.41)	(0.29)
Silver Refining Charge	20	1.38	0.02	0.01
C1 Costs incl. Credits	606	41.03	0.58	0.40
Lead Royalty	59	4.01	0.06	0.04
Silver Royalty	10	0.70	0.01	0.01
Sustaining Capex	32	2.18	0.03	0.02
AISC ³	707	47.91	0.67	0.47

1. PFS assumptions include lead price US\$2,095/t, and silver price US\$21.1/oz and A\$1=US\$0.70. 2. Unit costs quoted as pounds (lb) Lead Payable, 3. No Interest Charge has been assumed

- PMY has calculated a pre tax NPV8 of \$303m and IRR of 46% with estimated capital payback of 1.6yrs. This was based on a LT lead an silver price of US\$0.90/lb and US\$21/oz and an FX of 0.70.
- PMY calculate pre tax LOM operating CF of \$747m or ~ \$75m pa or Net capex cash flow of \$532m.
- Maiden ore reserves of 13.6mt @ 3.6% Pb and 40 g/t Ag. This is from • a total Measured and Indicated resource of 20.8mt implying a 66% conversion of resource to reserve. However, we note PMY has not included any mineralisation that is outside the approved development zone. There is additional mineralisation at Norton, Alpha and Beta that could be included in the DFS subject to successful drilling etc.

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Classification	Tonnes (Mt)	Pb (%)	Pb (kt)	Ag (g/t)	Ag (Moz)
Proved	6.8	4.1	275	53.0	11.5
Probable	6.9	3.2	219	27.6	6.1
Total	13.6	3.6	494	40.2	17.6

- The track record of exploration success over the three phases of the drilling done thus far is exceptional with a doubling of the M&I rsc and a significant increase in the overall tonnage. As part of the DFS PMY plan to commence a 5,000m exploration, infill and metallurgical drilling in Sept'20.
- We would be hopeful mine life of >12 yrs could be defined in the DFS.
- PMY see potential for inclusion of a DMS in the processing circuit. This was investigated during the PFS and showed that the inclusion of a DMS circuit enhances flotation feed grade, increases ore throughput and allows for economic treatment of lower grade ore. On balance, the Whole Ore option was chosen as the preferred method in the PFS with upfront capex some \$44m lower than the DMS option. The DMS option generated a pre tax NPV8 of \$294m and IRR of 35% with payback period of 2.2yrs. However, this the DMS option will be investigated further in the DFS
- PMY has released an updated timetable and now expects to complete the DFS in the 3th Q of CY'21 (previously 2nd Q CY'21). This will allow further investigation of the potential to incorporate DMS into the flow sheet, allow further drilling to extend mine life, further metallurgical testwork and optimisation studies. Offtake discussions have commenced, including with JV partner Henan. PMY is targeting Final Investment decision in Q4 CY'21.

	CY2020		CY2021			
	Q3	Q4	Q1	Q2	Q3	Q4
PFS Completed						
Ore Reserve Estimate						
DFS and Expansion Drilling						
Definitive Feasibility Study						
Permitting and Approvals						
Financing and Offtake Process						
Front End Engineering Design						
Final Investment Decision / Project Award						

Development timeline with the ability to leverage from the detailed PFS work to potentially fast-track development and bring forward Early Works.

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Pacifico Minerals Ltd (PMY \$0.023) Speculative Buy

Analysis

PMY has delivered a solid PFS which at current prices should generate strong cashflow, allowing for quick capital payback. The leverage to the current strong silver price is significant with production of ~ 1.5moz pa and as one of the highest grade Ag deposits certainly contribute to the project economics.

Whilst we always felt the original PFS capex was 'light on' a doubling of the capex was above our expectations. Whilst some of this can be explained in terms of project scope – ie 50% increase in t'put and no DMS which means the back end is essentially 3x the original 500kt and the previous study had no pre strip (now \$24m) and mine infrastructure of \$20.5m previously (<\$10m) it was nevertheless surprising.

The capex for a 1.5mtpa is now on par with fellow Pb developer Galena Mining Ltd ('G1A") which has estimated a pre development capex of \$170m and owners cost of \$38-78m (incl owners costs, corporate costs, ramp up, etc) working capital for a 1.2mpta underground operation.

Operating costs have also increased, with processing now at \$19.8/t versus the previous estimates on the DMS/Processing of <\$7/t. Mining costs have also increased from \$18/t to \$23.4/t with a strip ratio of 8:1 (not disclosed previously).

We expect that Sorby Hill will be readily financed by traditional banks/ equity participants but do note that NAIF have been active in recent times and the advent of COVID has probably accelerated its desire to finance projects etc. In addition, PMY's 25% JV partner, Henen – China's largest lead smelting company, may look to do something re offtake/ project financing. All these types of discussion will play out post DFS which is now slated for 4th Q CY'21.

After making some significant adjustments to our model in line with the new study, increasing our LT Ag price assumption from US\$18/oz to US\$22/oz and reducing our risk adjustment factor from 40% to 70% our valuation has increased from \$0.025/sh to \$0.039/sh.

The leverage to the silver price is significant. If we put in current spot price of US27/02 then our valuation would increase to 0.051/sh or >20%.

We maintain our Speculative Buy and increase our PT to \$0.04/sh in line with our revised valuation. There are few base metal projects owned by junior in Tier 1 locations and thus makes PMY an attractive investment. We expect the DFS economics to improve with increased mine life and greater optimisation of the mining schedule.

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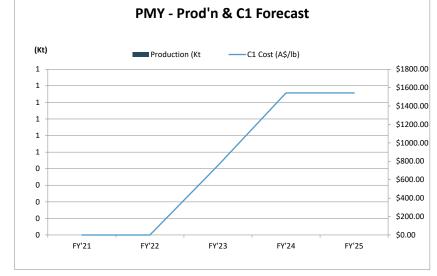
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(PMY \$0.023) Speculative Buy

Key Variables

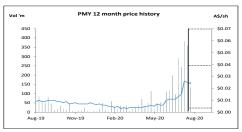
Val/	′ Sh					Lead \$				
	\$0.04	-20%	-15%	-10%	-5%	0%	5%	10%	15%	20%
	15%	\$0.007	\$0.011	\$0.015	\$0.019	\$0.023	\$0.027	\$0.031	\$0.035	\$0.039
	10%	\$0.011	\$0.015	\$0.019	\$0.023	\$0.028	\$0.032	\$0.036	\$0.040	\$0.044
SD	5%	\$0.015	\$0.020	\$0.024	\$0.029	\$0.033	\$0.037	\$0.042	\$0.046	\$0.051
AUDUSD	0%	\$0.020	\$0.025	\$0.030	\$0.034	\$0.039	\$0.043	\$0.048	\$0.053	\$0.057
AU	-5%	\$0.026	\$0.031	\$0.036	\$0.041	\$0.045	\$0.050	\$0.055	\$0.060	\$0.065
	-10%	\$0.032	\$0.037	\$0.042	\$0.047	\$0.053	\$0.058	\$0.063	\$0.068	\$0.073
	-15%	\$0.039	\$0.044	\$0.050	\$0.055	\$0.061	\$0.066	\$0.072	\$0.077	\$0.082

Val,	/ Sh	Silver \$								
	\$0.04	-20%	-15%	-10%	-5%	0%	5%	10%	15%	20%
	15%	\$0.017	\$0.019	\$0.020	\$0.021	\$0.023	\$0.024	\$0.025	\$0.027	\$0.028
	10%	\$0.022	\$0.023	\$0.025	\$0.026	\$0.028	\$0.029	\$0.031	\$0.032	\$0.033
SD	5%	\$0.027	\$0.029	\$0.030	\$0.031	\$0.033	\$0.034	\$0.036	\$0.037	\$0.039
AUDUSD	0%	\$0.033	\$0.034	\$0.036	\$0.037	\$0.039	\$0.040	\$0.042	\$0.044	\$0.045
AU	-5%	\$0.039	\$0.040	\$0.042	\$0.044	\$0.045	\$0.047	\$0.049	\$0.050	\$0.052
	-10%	\$0.046	\$0.047	\$0.049	\$0.051	\$0.053	\$0.054	\$0.056	\$0.058	\$0.060
	-15%	\$0.053	\$0.055	\$0.057	\$0.059	\$0.061	\$0.063	\$0.064	\$0.066	\$0.068



Euroz Forecast	FY'2021	FY'2022	FY'2023	FY'2024
Silver (US\$/oz)	\$15	\$17	\$23	\$23
Lead (US\$/lb)	\$0.91	\$0.86	\$0.90	\$1.00
AUDUSD	\$0.72	\$0.67	\$0.70	\$0.71

Our Share Price Sensitivity



Our Market Sensitivity

Price Target \$0.04/sh

Valuation \$0.039/sh

Bull Scenario \$0.07/sh

Sorby Hills is successfully developed as a high margin lead producer based by 2023. Lead and Silver prices above our LT price assumptions.

Base Scenario \$0.04/sh

Sorby Hills delivers a positive DFS in line by the end of CY'21.

Bear Scenario \$0.005/sh

Sorby Hills project stalls due to falling lead and silver prices.

Company Summary

Pacifico Minerals Ltd ('PMY') has a 75% interest in the Sorby Hills Lead Silver project located in the Kimberley region of WA. A PFS study delivered a very strong result targeting annual production of 31kt of Pb and 1.1moz of Ag for a minimum of 8 yrs. An optimised PFS is underway and due in June'20. A DFS will likely take a further 6-9 months.

Disclaimer

The projections and information above is based on the set assumptions outlined. Due care and attention has been used in the preparation of this information. However actual results may vary from forecasts and any variation may be materially positive or negative. Forecasts by their very nature, are subject to uncertainty and contingencies, many of which are outside the control of Euroz.

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Market Statistics			Ye	ar End 3	30 June
Share Price\$0Issued CapitalFully Paid Ord2,1Options (var. prices)	10.0 r	Gary n Sime n Rich	ctors y Comb on Noon ard Mon rew Park	Cha Manag ti	airman
Market Cap (dil) Enterprise Value Cash Debt	\$63 r \$3 r	n Villie	reholder : ers QLD e Royal	5	12.0% 5.2%
Asset Valuation			A\$m		A\$/sh
(+) Sorby Hills Project (-) Corporate (+/-) Heding	(risk adj 40	%)	88 (18)	(0.030 0.006)
(+) Exploration (+) Unpaid Capital			40		0.014
(+) Cash (-) Debt			3		0.001
Total			112		0.039
F/Cast Production	(A\$m)	2021f	2022f	2023f	2024f
Sorby Hills 100% Pb in Conc. Ag in Conc. Cash Costs (C1) Cash Costs (incl Roy) By production credits Total Costs	Kt Moz A\$/lb A\$/lb A\$/lb	- - - -	- - - -	17.1 0.96 1.24 1.34 (0.66) 0.68	50.2 1.69 0.83 0.93 (0.45) 0.47
Assumptions Spot Pb Price Spot Ag Price FX Rate ass'd	US\$/lb US\$/lb A\$/US\$	0.91 15.00 0.72	0.86 16.90 0.67	0.90 23.00 0.70	1.00 23.00 0.71
Ratio Analysis (A\$m)		2021f	2022f	2023f	2024f
Cashflow Cashflow Per Share Cashflow Ratio		0 0 na	0 0 na	12 0 545	53 1 3
Earnings Earnings Per Share EPS Growth P/e Ratio		0 0 na na	0 0 na na	12 0 na 6	52 2 3 1
Enterprise Value EV/EBITDA EV/EBIT		50 na na	73 na na	123 5 5	72 1 1
Net Debt/(Net Debt + Interest Cover EBIT Margin Return on Equity Return on Assets	Equity)	-2 na na O O	O na na O O	0 na 0 0 0	0 na 1 0 0
Dividend per Share Dividend Payout Ratic Dividend Yield Dividend Franking		0 na 0 1	0 na 0 1	0 0 0 1	0 0 0 1

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Profit and Loss (A\$m) 2021f 2022f 2023f 2024f (+) De Revenue - - 46 148 (+) Ag Revenue - - - - (+) Interest Income - - - - (+) Other Revenue - - - - (+) Other Revenue - - - - Total Revenue - - - - (+) Mer Revenue - - - - (+) Mer Revenue - - - - (-) Other Revenue - - - - (-) Other Revenue - - - - (-) Other New Bus Dev - - - - (-) NPBT - - 23 100 Tax - - - - - NPBT - 12 52 2021f 2022f 2024f Net Profit					
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Reserves and Resources Mining Inventory Mineral Resources ore grade ore grade metal metal kt 490 kt 1455 % mt mt % Sorby Hills 3.6% 3.3% 13.6 44.1 Total contained Pb 490 1,455

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