



SORBY HILLS: LEAD-SILVER-ZINC

JULY 2018


Pacifico
Minerals Ltd

ASX: PMY

WWW.PACIFICOMINERALS.COM.AU

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COMPETENT PERSON STATEMENT The information in this announcement that relates to the Sorby Hills project is based on information compiled by Mr David Pascoe, who is a Member of the Australian Institute of Geoscientists. Mr Pascoe is contracted to Pacifco Minerals Limited. Mr Pascoe has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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". Mr Pascoe consents to the inclusion in this announcement of the matters based on information in the form and context in which it appears.

All exploration results and historic mineral resources referred to in this announcement were previously reported by KBL Mining Limited pursuant to JORC 2004. Pacifco understands that this information has not been updated since to comply with the JORC Code 2012 but believes the information has not materially changed since it was last reported. It is possible that following evaluation and/or further exploration work the currently reported estimates and confidence in the prior reported exploration results may materially change and hence will need to be reported afresh under and in accordance with the JORC Code 2012. Pacifco has not independently validated the former owner's estimates or exploration results and therefore is not to be regarded as reporting, adopting or endorsing those estimates.

EXPERIENCED BOARD AND MANAGEMENT

Richard Monti	Chairman	Over 30-years experience in exploration and mining industry; skilled in corporate advisory, technical, commercial, marketing and financial fields.
Simon Noon	Managing Director	Experienced business executive; skilled in business development, management, strategy and capital markets.
Peter Harold	Non-Executive Director	Process Engineer; 30-years corporate experience in minerals industry; financing, marketing, management and business development specialist.
Andrew Parker	Non-Executive Director	Lawyer; experienced in exploration and mining industry, and international expansion.
Barrie Bolton	Project Development	Geologist; over 30-years experience in mining industry, and negotiating access and agreements with land owners and government authorities.

CAPITAL STRUCTURE

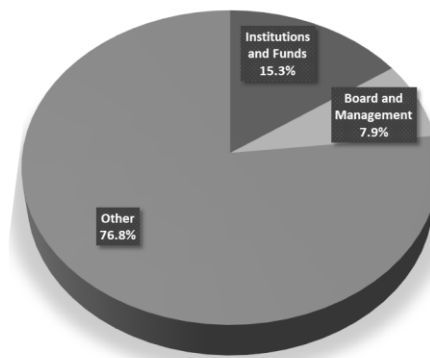
Share Price as at 29/06/18	\$	0.010
Shares on Issue (ASX:PMY)	m	893
Options on Issue*	m	91
Market Cap	\$m	8.9
Cash 29/05/18	\$m	1.1
Enterprise Value	\$m	7.8

*2m exercisable at 2c, expiring 23 April 2020; 62.5m exercisable at 1.5c, expiring 6 May 2020; and 6.5m exercisable at 1.5c, expiring 21 November 2020

SHARE PRICE



SHAREHOLDER SUMMARY



BINDING TERMS AGREEMENT

Binding agreement executed with Quintana MH Holding Company (Vendor) to obtain all shares in KBL Sorby Hills Pty Ltd (KBL Sorby Hills) and Sorby Management Pty Ltd (Sorby Management).

Sorby Hills owns 75% of the Sorby Hills Project, with Henan Yuguang Gold & Lead Limited (HYG) owning the remaining 25%. HYG is China's largest gold, silver, and lead group, incorporating mining and smelting operations.

CONSIDERATION

- **AUD\$4M** in staged payments as outlined in PMY ASX Announcement 26 June 2018 ; and
- Grant of a 1% Net Smelter Royalty by KBL Sorby Hills to the Vendor.

PROJECT FUNDING

Due to the advanced nature of the Sorby Hills project the company expects to have various funding arrangements to consider once due diligence has been successfully completed, which is expected to be late August 2018.

OVERVIEW

- Exciting opportunity to secure and develop one of Australia's most significant undeveloped lead/silver/zinc assets.
- Large advanced project located in Western Australia with excellent infrastructure access
 - Airport at Kununurra, sealed roads to the project gate, bulk loading and container port at Wyndham, access to services and equipment.
- Environmental and Mining permits already in place.
- Large Mississippi type lead/silver/zinc mineralised system with significant upside along 10km of mineralised trend and at depth within the project area.
- Heads of Agreement executed with the WA government and Ord River Management for the development of the project¹.
- Only 25% of project has been subject to extensive exploration.



Image: Sorby Hills Relative to Kununurra (50km) and the Port at Wyndham (130km)



Image: Sorby Hills Project Location

OVERVIEW (CONTINUED)

- The Sorby Hills lead-silver-zinc deposit comprises several shallow mineralised deposits over a strike length of several kilometres.
- Substantial exploration upside along strike and at depth.
- Initial mining is planned from a shallow open cut with plant situated alongside allowing short haulage distances.
- Overburden at the D-E deposit consists of 17m of free-digging and just 5m of transitional rock.
- KBL previously reported excellent recoveries from metallurgical testwork of Pb 91% and Ag 87%^{1^}

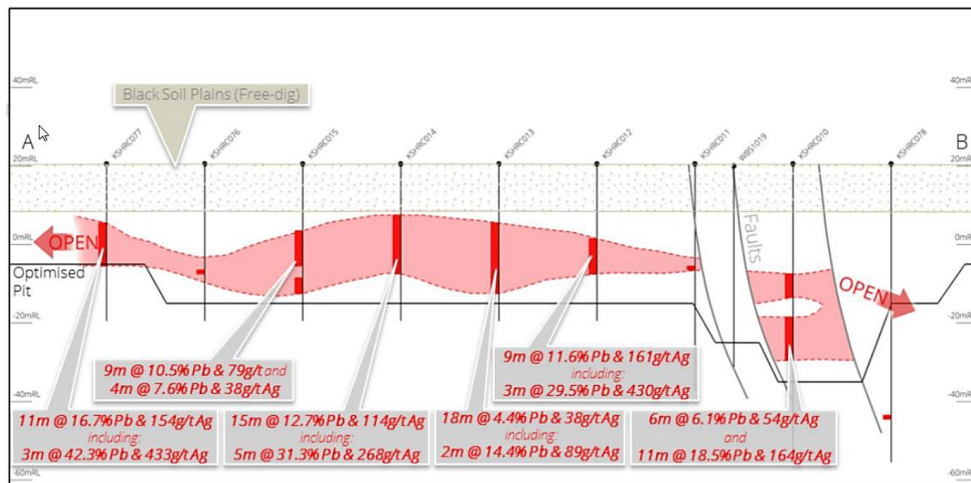


Image: Cross Section Through the High-Grade Core of the DE Deposit Combined with an Optimised Pit Shell Highlighting the Shallow Nature and Continuity of Mineralisation ^{1^}

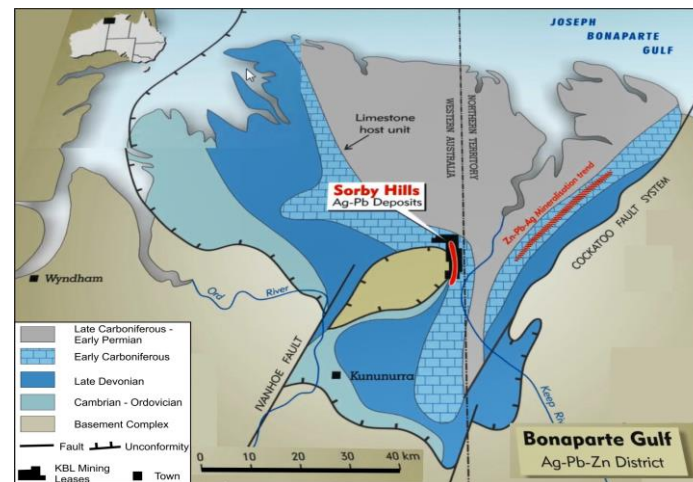


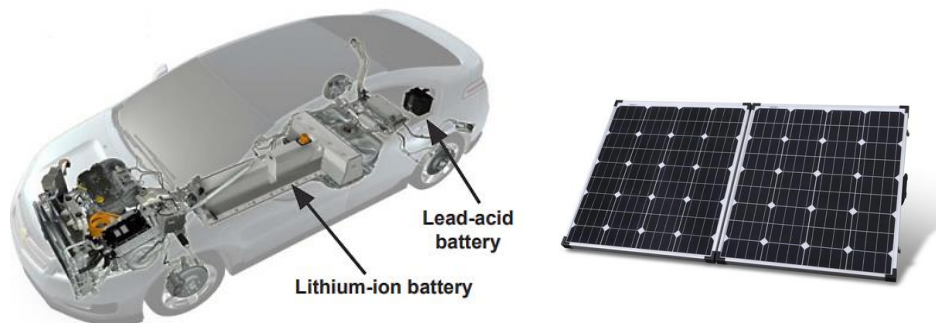
Image: Geological Map Sorby Hills Silver-Lead Project

^{1^} KBL ASX Announcement 8 April 2014

[^] Refer to Appendix 1

Mine development could proceed rapidly due to the extensive work that has already been completed, providing an opportunity to become a leading exporter and producer of lead in the current economic cycle.

- **Lead** is trading at **USD\$2,430/t (AUD\$3,310/t)¹**
 - Close to 5-year high on the back of sustained growth largely due to increasing demand for the lead-acid battery market for both hybrid vehicles and solar power storage.
- **Silver** is trading at **USD\$16.30/oz (AUD\$22.05/oz)¹**
 - Improving market for silver is due to a record growth in demand due to the increased use of solar panels, and a shift towards electrification in the auto industry.
- **Zinc** is trading at **USD\$2,920/t (AUD\$3,980)¹**
 - Prices have been rising steadily since January 2016, and the zinc market is now close to peak prices.



¹ Infomine Commodity Prices 27 June 2018

- Resource estimates for the Global Resource and the D-E deposit at Sorby Hills were commissioned in early 2011, based on 888 historic holes and 99 drill holes from 2010.
- A further program for resource and sterilisation drilling was completed in 2011. The mineral resources were estimated within constraining wireframes based on a lower cut-off grade of 1% Pb and a minimum thickness of 2m.
- The resources are quoted for blocks with a grade of greater than 2.5% Pb.
- An updated resource estimate for the D-E deposits, including the 2011 drilling was completed in 2013.

Source: KBL ASX Announcement 8 April 2014

JORC CODE (2004) MINERAL RESOURCES*

Global Inferred Resource - 16.7Mt at 4.5% Pb, 52g/ Ag, and 0.7% Zn (2.5% Pb Cut-Off).

- Includes Indicated and Inferred Mineral Resources for the D-E deposit – 2.7Mt at 5.8% Pb, 61g/t Ag, and 0.4% Zn (2.5% Pb Cut-Off) (Refer to the below table).

JORC CODE (2004) ORE RESERVE*

Probable reserve for the **D-E deposit only** – 2.4Mt at 5.0% Pb, and 54g/t Ag (2% Pb Cut-Off).

Table: Sorby Hills Project D-E Deposit, Mineral Resource Estimate at a Cut-Off of 2.5% Pb

Classification	Ore Type	Tonnes (kT)	Pb %	Zn %	Ag ppm	Pb+Zn%
Indicated	Oxidised	371	5.0	0.2	54	5.3
	Fresh	2,017	6.0	0.5	63	6.5
	Total Indicated	2,387	5.8	0.5	61	6.3
Inferred	Oxidised	36	5.1	0.4	51	5.5
	Fresh	320	5.3	0.3	60	5.6
	Total Inferred	356	5.3	0.3	59	5.6
Total Indicated & Inferred		2,743	5.8	0.4	61	6.2

CAUTIONARY STATEMENT The estimates of Mineral Resources and Ore Reserves are not reported in accordance with the JORC Code 2012. A competent person has not done sufficient work to classify the estimates of Mineral Resources or Ore Reserves in accordance with the JORC Code 2012. It is possible that following evaluation and/or further exploration work the currently reported estimates may materially change and hence will need to be reported afresh under the JORC Code 2012. Nothing has come to attention of the acquirer that causes it to question the accuracy and reliability of the former owner's estimates but the acquirer has not independently evaluated the previous owner's estimates and therefore it is not to be regarded as reporting, adopting or endorsing their estimates.

ORE RESERVES AND PRE-FEASIBILITY

- A Mineral Resource Estimate and model of the Sorby Hills D-E deposit was produced by Breakaway Mining Services Pty Ltd in mid-2013 (Refer to Table 1).
- The Estimate was produced in accordance with the Australasian Code for Reporting of Mineral Resources and Ore Reserves (2004).

Table 1: Sorby Hills Project DE Deposit 2013. Mineral Resource Estimate at a cut off of 1% Lead ^{1*}

Resource Category	Oxidation	Tonnes	Lead	Zinc	Silver	Density
		Mt	%	%	g/t	
Indicated	Oxide	0.6	3.7	0.2	41	2.55
	Transitional	0.4	4	0.3	41	2.6
	Fresh	3.1	4.1	0.5	45	2.75
	Total	4.2	4.1	0.5	44	2.71
Inferred	Oxide	0.3	2	0.3	28	2.52
	Transitional	0.1	1.9	0.3	29	2.55
	Fresh	1.2	2.4	0.2	32	2.77
	Total	1.7	2.2	0.2	31	2.71
Total	Oxide	0.9	3.2	0.2	37	2.54
	Transitional	0.6	3.4	0.3	38	2.58
	Fresh	4.4	3.6	0.4	42	2.76
	Total	5.8	3.5	0.4	41	2.71

- MEC Mining prepared an ore reserve estimate for the D-E Deposit based on the mineral resource estimate, applying modifying factors from a pre-feasibility study completed by KBL in December 2011^{2*}
- The assumed lead price used in the pre-feasibility study was **USD\$2,094/t (AUD\$2,118/t)**³.
- The current lead price is **USD\$2,430/t (AUD\$3,310/t)**⁴.

Table 2: Sorby Hills Project D and E Deposit Ore Reserve Estimate at a cut off of 2% Lead.

Classification	Tonnes	Lead	Silver	Density
	Mt	%	g/t	
Probable	2.4	5	54	2.70

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¹KBL ASX Release 29 November 2013

^{*}The Mineral Resource Estimate is reported inclusive of the Reserve

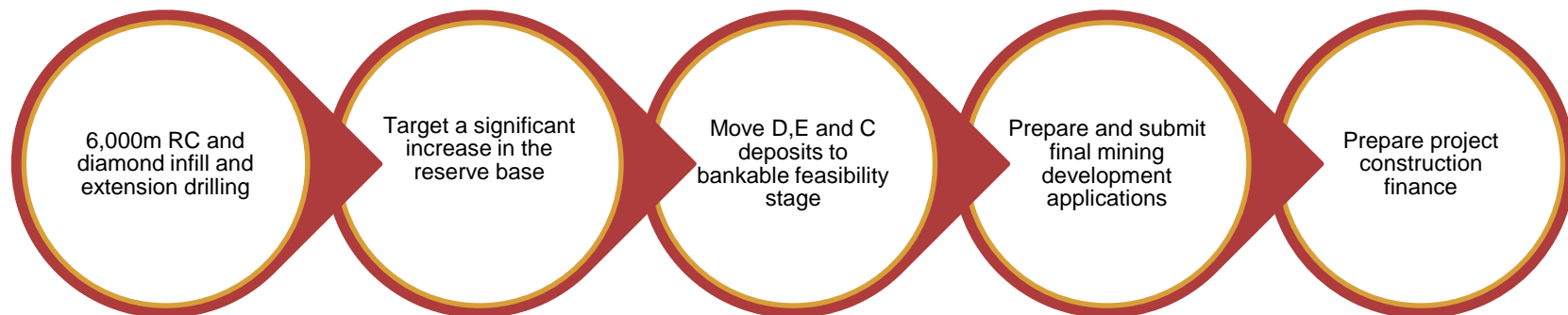
²Sorby Hills Silver Project Pre-Feasibility Results (Released 6 December 2012)

³Reserve Bank of Australia USD/AUD Exchange Rate Average Across December 2011 (1.0117)

⁴Infomine Commodity Prices 27 June 2018

[^] Refer to Appendix 2

Following completion, Pacifico intends to conduct the following 12-month pre-mining program:





CONTACT US

PERTH OFFICE Level 10, 553 Hay Street, Perth WA 6000

POSTAL ADDRESS PO Box Z5487, Perth WA 6831

EMAIL info@pacificominerals.com.au

WEBSITE www.pacificominerals.com.au

TELEPHONE + 61 (0)8 6266 8642

*Exploration results (Metallurgical testwork recovery results and drill intersections in Figure 5) were reported previously by the former owner KBL¹

- The results were reported under the JORC Code 2004
- Pacifco consider the results reliable. The metallurgical testwork was carried out by a reputable company (AMML in 2011) and reported in KBL's ASX announcement to the ASX of 8 Apr 2014. The drill intersections quoted in figure 5 are derived from historical drill intersections which were reviewed and assessed by former owners KBL as being representative, having acceptable recoveries and analysed at reputable laboratories with appropriate QAQC.
- Metallurgical testwork was carried out for previous owners KBL on selected drill core as part of a testwork program to determine bulk specific gravity, reagents consumption and recoveries with flotation and bond ball mill work index.
- The drill intersections were part of drilling programs carried out by previous owners between 1973 and 2011.
- No more recent metallurgical testwork or drilling has been carried out.
- Both the metallurgical results and drill intersections require verification by Pacifco before reporting the results in accordance with the JORC Code 2012.
- Pacifco intends to undertake detailed reviews and reassessments of all aspects of the project in the next 6 to 18 months including further drilling. Funding for these activities will be subject to capital raising by Pacifco.

The resources and reserve were reported by the former owner KBL¹

- The reserves and resources were reported under the JORC Code 2004 and these estimates may not conform to the requirements of the JORC Code 2012.
- The former owner (KBL) reported an ore reserve with a defined Pre-Feasibility study that was conducted in 2012. Pacifco will need to revise the Pre-feasibility study, or conduct a new feasibility study, in order to report an Ore Reserve under the JORC Code 2012.
- Pacifco Minerals is satisfied as to the reliability of the information as presented. The mineral resources were estimated for KBL within constraining wireframes based on a lower cut-off grade of 1% Pb, with a minimum thickness of 2m. The resources are quoted for blocks with a grade of greater than 2.5% Pb. The reserves estimated for KBL are estimated at 2%Pb cut-off. The 2012 pre-feasibility study considered a lead price of US\$2074/t and a silver price of US\$25/oz. Open pit mining was assumed with dilution 10% and ore loss of 5%. These modifying factors generated by the pre-feasibility study 2012 were applied to the ore reserve estimation. The modifying factors applied are considered reliable, apart from the metal prices employed, which may affect optimum cut-off grades for the reserves previously undertaken.
- The following companies have explored the Sorby Hills Project area: 1971-81 - Elf Aquitaine - drilling and discovery of the Sorby Hills deposit, 1981-88 – BHP – further drilling, 2007 - CBH - further drilling, 2010 –14 KBL Mining Ltd who conducted further drilling, pre-feasibility study, resource and reserve estimates (2004 JORC code). 1128 surface drill holes have been completed to date for a total of 110,942m. 95% of the drill holes were vertical. Only open pit mining was considered. Conventional flotation testwork was carried out for KBL with metallurgical recoveries of lead 91% and silver 87% reported by KBL.
- There are no more recent estimates subsequent to the KBL announcement of 8 April 2014 (see above).
- In order to bring the resources and reserves to be in accordance with JORC Code 2010 Pacifco intends to verify the data sources for the historical data, and may undertake further logging, density and sampling work on the available historical core. Additional reverse circulation and diamond drilling may be required to verify historical drilling and increase the drill hole density.
- Pacifco intends to undertake detailed reviews and reassessments of the project, in the next 6 to 18 months including further drilling. Funding for these activities will be subject to capital raising by Pacifco.

¹ KBL ASX Announcement 8 April 2014