20 November 2020



Phase IV Drilling Program Completed at Sorby Hills

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Pacifico Minerals Limited (ASX: **PMY**) ("**Pacifico**" or the "**Company**") is pleased to advise that the Phase IV drilling program at its 75% owned Sorby Hills Lead-Silver-Zinc Project ("**Sorby Hills**" or the "**Project**"), located in the Kimberley Region of Western Australia has concluded successfully with all of its primary objectives achieved.

HIGHLIGHTS

- **58 diamond and rotary/diamond drill holes completed for 4,803m.**
- **Preliminary observations from brown-fields exploration drill holes suggest very positive impacts for the Resource and pit designs.**
- **Significant assay results received to date from drill holes include:**
  - **SHDD002: 17m at 9.5% Pb and 67g/t Ag from 15m**
  - **SHDD003: 16m at 6.8% Pb and 102 g/t Ag from 58m**
  - **SHDD005: 9m at 5.9% Pb and 67 g/t Ag from 11m**
- **Further Phase IV assays due to be received during December 2020 and January 2021.**
- **Requirement for Updated Resource Estimate upon receipt of all results and evaluation.**
- **Gravity surveys covering the Beta and Alpha deposits and the highly prospective Eight Mile Creek exploration licence complete.**

Pacifico's Pre-Feasibility Study ("**PFS**") confirmed that Sorby Hills is underpinned by a large near-surface Pb-Ag-Zn deposit comprising a Mineral Resource of 44.1Mt at 3.3% Pb, 38g/t Ag and 0.5% Zn, and Proved and Probable Reserves of 13.6Mt at 3.6% Pb, and 40g/t Ag.

On the back of the positive PFS, the Phase IV drilling program was designed to primarily advance the Project towards Definitive Feasibility Study ("**DFS**") status. As such, the bulk of drilling meters (3,340m) were apportioned to these objectives. The balance of the drilling was targeted at Resource extensions and brown-fields exploration (~1,460m).

Figure 1 provides an overview of Phase IV drill hole locations.

Preliminary Outcomes

A total of 28 metallurgical drill holes for 2,116m have been completed across Norton, Omega Central and South and the B Deposit. **All metallurgical drill holes have intersected mineralisation** broadly in accordance as projected by the current Resource block model. Assays results for the first two batches of metallurgical samples have been received and are reported Table 1 & 2 and the JORC Table 1.

Geotechnical drilling comprised 12 diamond drill holes for 1,224m of which most were drilled in the Norton Deposit area. **All geotechnical holes have been field assessed by ENTECH Mining Consultants.**

In addition to the successful completion of the metallurgical and geotechnical objectives of the Phase IV drilling program, the Company is pleased to report that **several drill holes have encountered new intersections of mineralisation immediately adjacent to the current open pit designs.**

It is anticipated these intersections will have a favourable impact on the Sorby Hills Resource.

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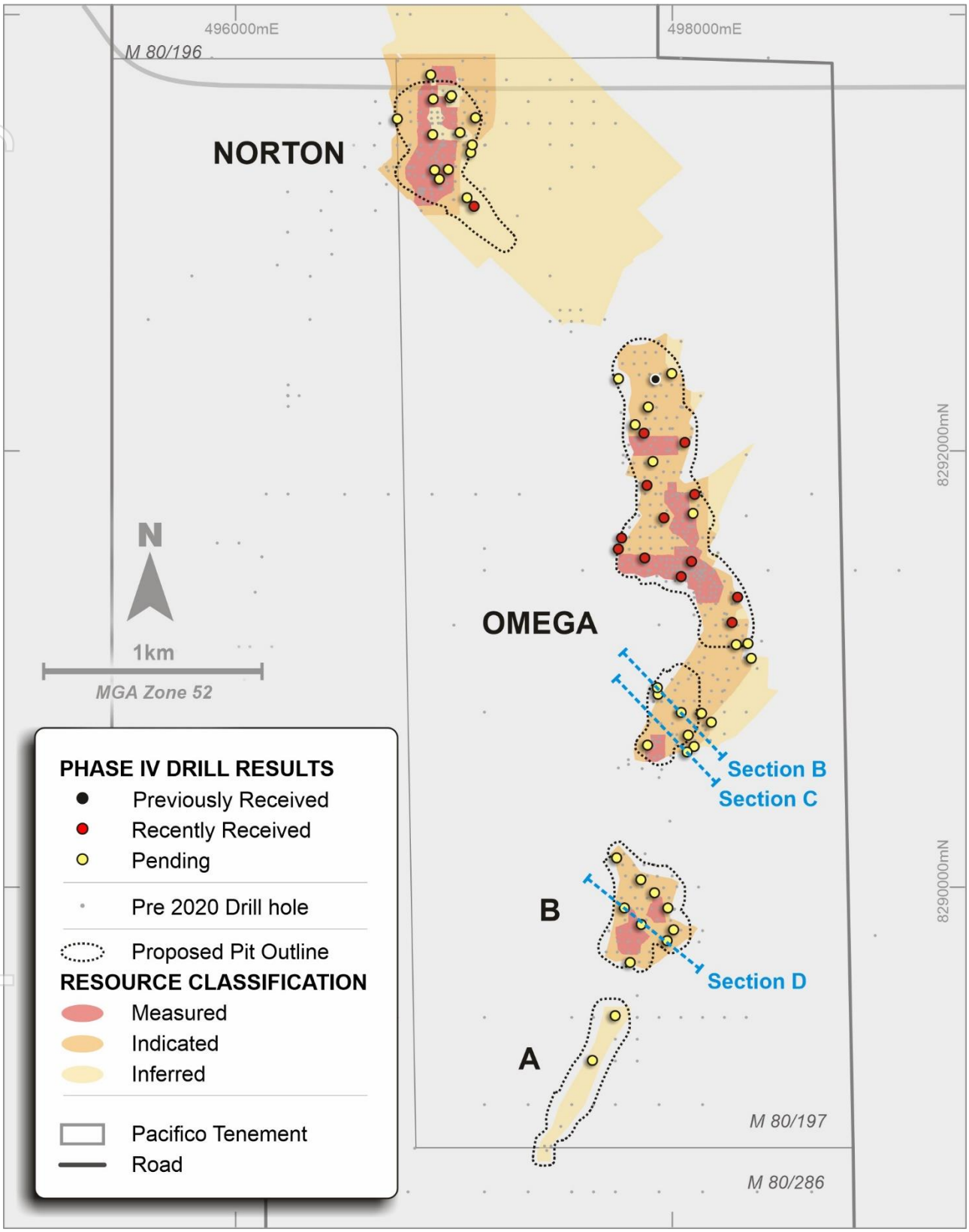


Figure 1: Location of Phase IV drill hole collars relative to the Sorby Hills Resource, previously completed drill hole locations and open pit design outlines. The map shows the location of cross section with geological interpretation based on core logging.

Southern Omega Deposit

Drill holes SHDD039, SHDD043 and SHDD046 were drilled into the southern portion of the Omega deposit and have each intersected significant widths of observed mineralisation outside the current interpreted boundary of the Sorby Hills deposit (Figure 2).

Drill Holes SHDD039 and SHDD046

In addition to known mineralisation, drill hole SHDD039 intersected a second interval of mineralisation below the current Resource envelope. The drill hole confirmed the presence of mineralisation reported in an up-dip historic hole indicating the potential for a second substantial mineralisation interval below the current open pit design.

This mineralisation was not previously included in the Resource as there were insufficient data points available to support the interpretation, however this preliminary result, if confirmed by laboratory results, warrants additional drilling to quantify the impact.

Drill Hole SHDD046, a 30m step-out drill hole located to the northwest of the current Resource envelope, intersected several intervals of strong visible mineralisation from as shallow as 10m below the surface. Historic and recent drill holes in the area showed previously delivered variable results and consequently the Resource was not extended into this area. **This preliminary result, if confirmed by strong assay results from the laboratory is likely to impact the mineralisation envelope.**

The mineralisation in SHDD046 is associated with stratiform collapse breccias, possibly after evaporites, and represents the typical type of mineralisation for Sorby Hills. The mineralisation is open to the southwest and northwest and warrants follow up with additional drilling.

Assay results for SHDD039 and SHDD046 have yet to be received.

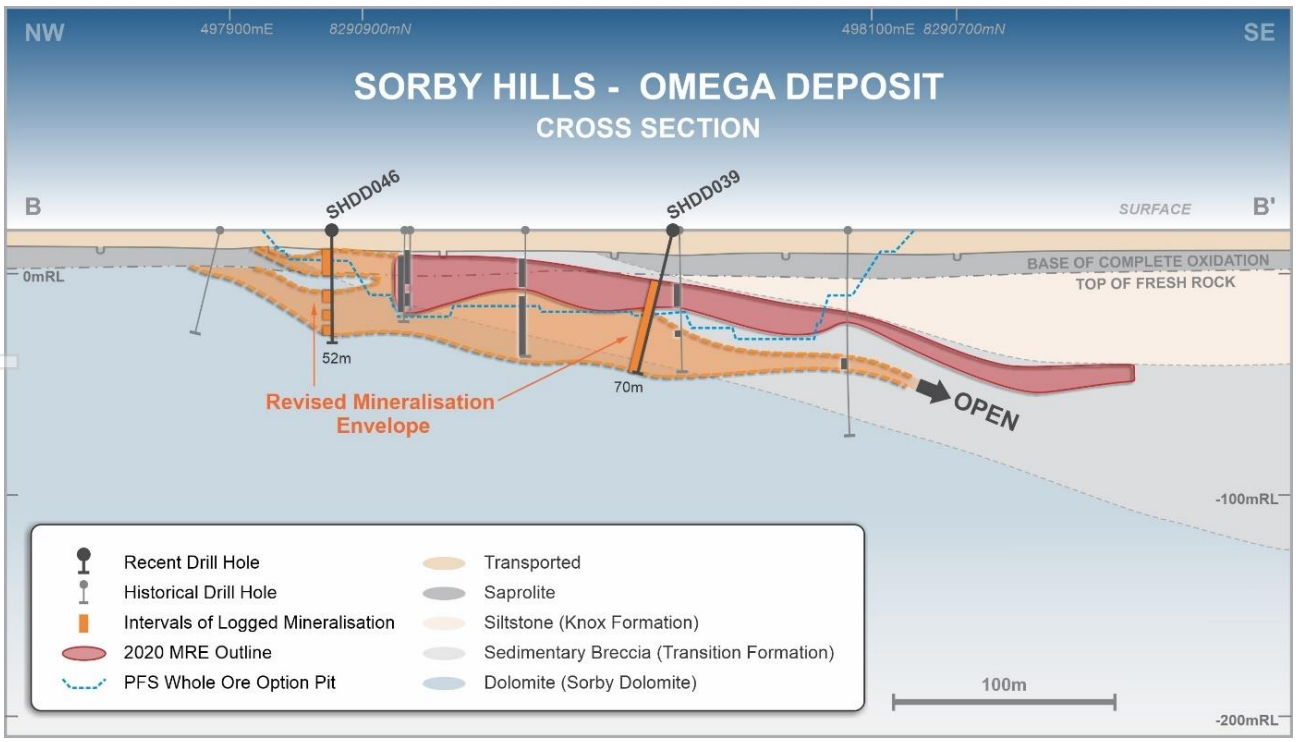


Figure 2: Cross section [B-B'] through the southern portion of the Omega deposit showing observed mineralisation intersected in newly completed drill holes SHDD039 and SHDD046 relative to the current Resource envelope and open pit design.

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Drill Hole SHDD043

Drill hole SHDD043 was drilled toward the current south eastern limit of the Omega deposit. The drill hole intersected two observed mineralisation intervals of 19 m from 25 m down hole and 18 m from 53 m down hole respectively with a significant cumulatively compared to the termination of the current Resource model (Figure 4). The stratiform style of mineralisation intersected within SHDD043 is similar to that which comprises the majority of the current Resource (Figure 3).

The drill hole has confirmed the continuity of the ore body down dip of the current open pit design and indicated a broader zone of mineralisation than has previously been modelled in the area.

Assay results for SHDD043 have yet to be received.

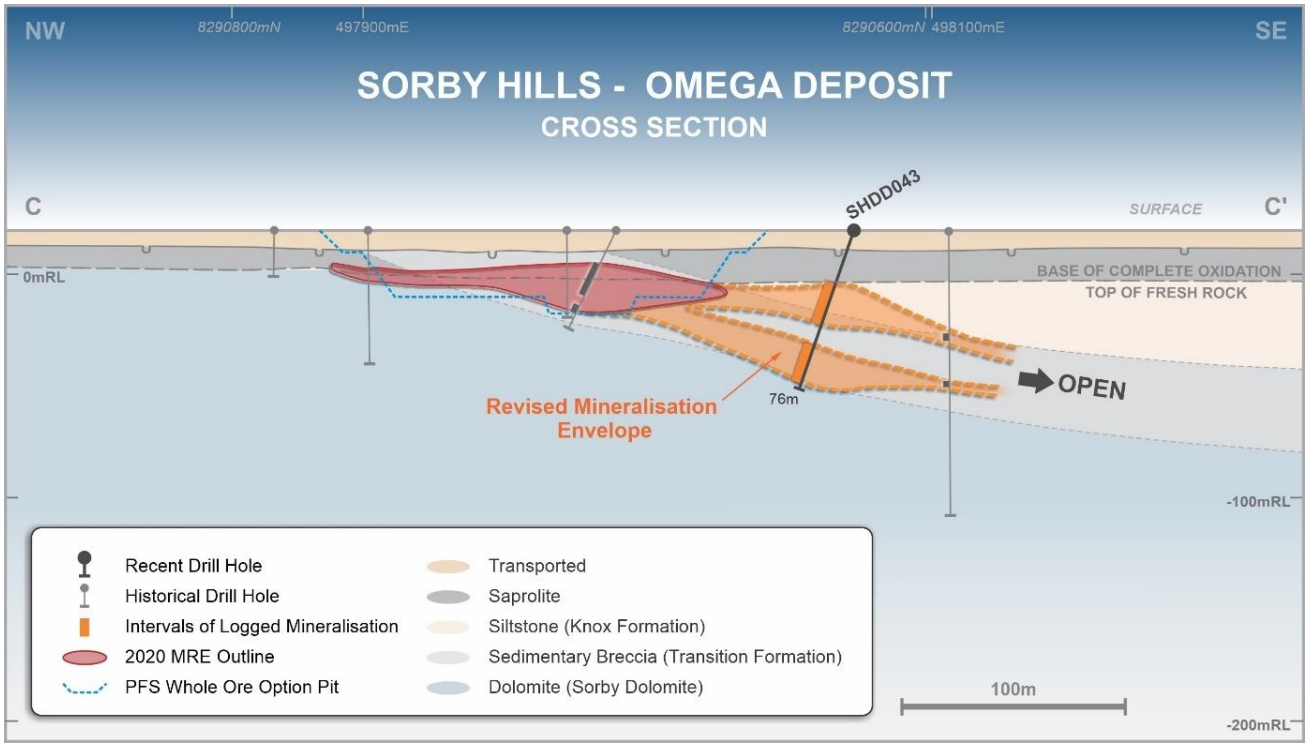


Figure 3: Cross section [C-C"] through the southern portion of the Omega deposit showing observed mineralisation in the newly completed drill hole SHDD043 relative to the current Resource envelope and open pit design.

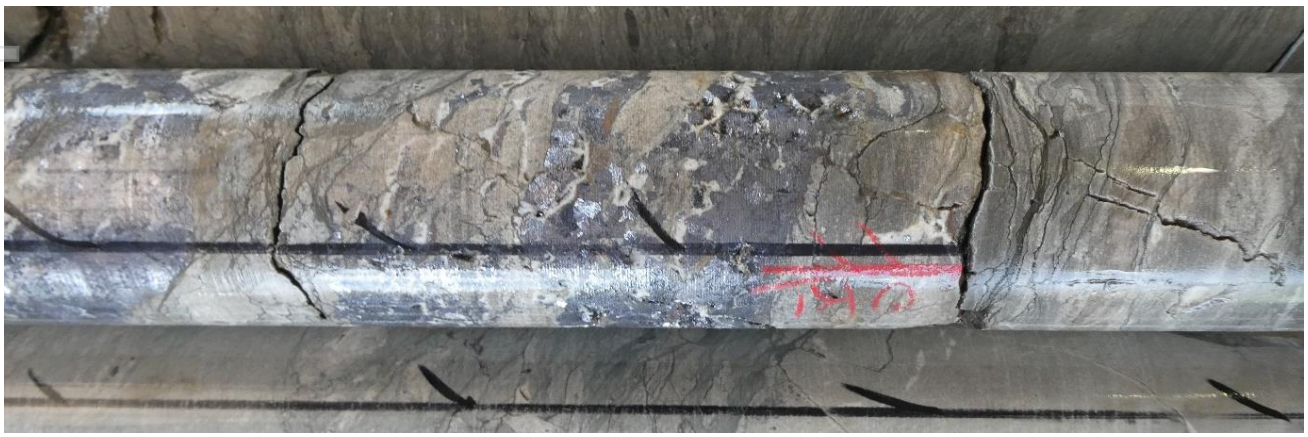


Figure 4: Example of stratiform galena mineralisation interval intersected in SHDD043 at approximately 68m down hole.

B Deposit

SHDD030, SHDD032 and SHDD034

Similar to those holes drilled at Omega, drill holes SHDD030, SHDD032 and SHDD034 were drilled through and beyond the current known mineralisation for the B Deposit and intersected new and significant widths of observed mineralisation outside the current open pit design (Figure 5).

Drill hole SHDD032 intersected an upper and a lower zone of mineralisation. The upper zone of observed mineralisation (Figure 6) is consistent with the current Resource envelope. **The lower 12.6 m zone of observed mineralisation was unexpected and is located outside the current Resource and below the current open pit design.**

Drill hole SHDD030, a 135m step-out drill hole located to the southeast of the current Resource envelope, intersected an interval of intermittent visible mineralisation from 43m down hole over about 20 m.

If the preliminary observations of drill hole SHDD030 are confirmed by strong assay results from the laboratory it is likely to significantly impact the pit design at B Deposit.

Assay results for SHDD030, SHDD032 and SHDD034 have yet to be received.

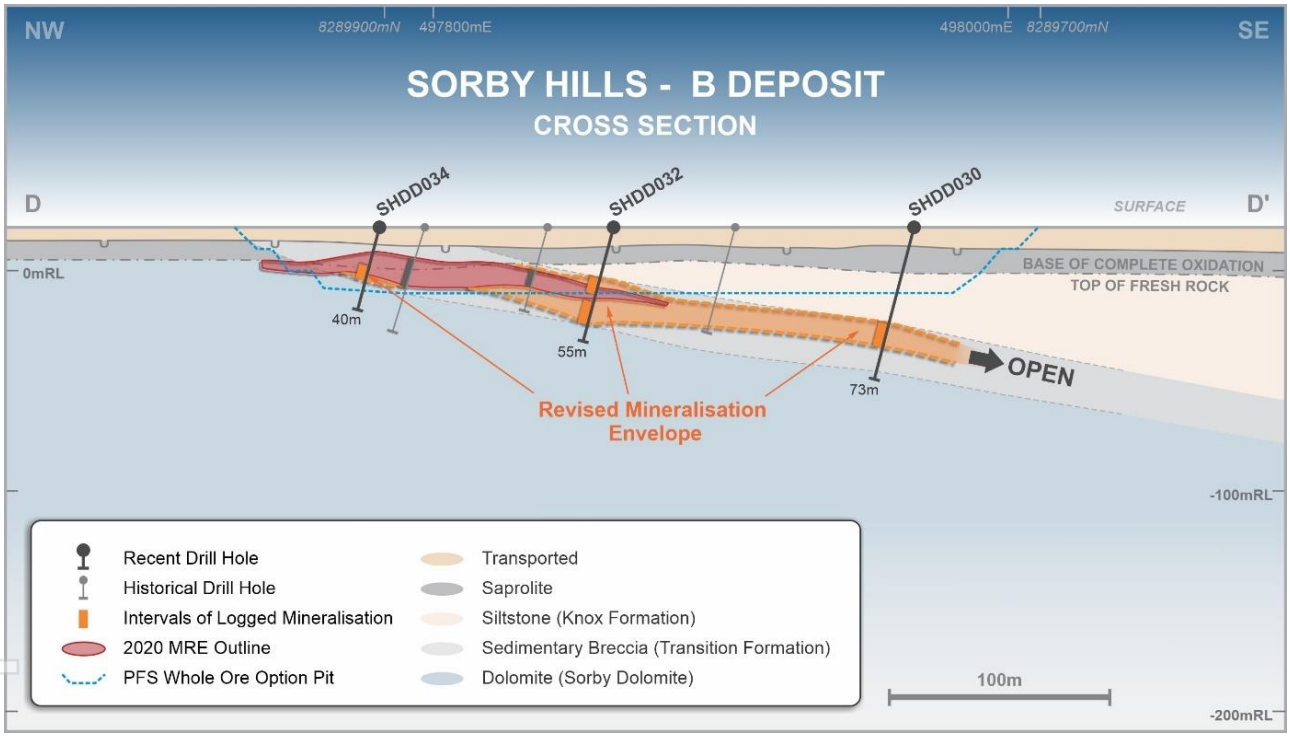


Figure 5: Cross section through the B Deposit showing observed mineralisation in the newly completed drill holes SHDD030, SDDSH032 and SHDD034 relative to the current Resource envelope and open pit design.



Figure 6: Example of stratiform galena mineralisation intersected in SHDD032 at approximately 27m down hole depth.

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Gravity Surveys

Gravity anomalies have historically proven highly effective vectors to identifying mineralisation at Sorby Hills. Specifically, mineralisation discovered to date broadly correlates with the transition from linear gravity lows to gravity highs.

Pacifico has engaged Haines Gravity to conduct two new gravity surveys (Figure 7) in conjunction with the current Phase IV Drilling Program:

1. a high-resolution survey north of the Norton Deposit covering and extending the historic survey over the existing Sorby Hills mining licences; and
2. a regional survey covering the northern half of the Eight Mile Creek Exploration licence.

The gravity survey over the northern half of Eight Mile Creek has now been completed and the data has been received. The data will be submitted for interpretation by a geophysicist. It is expected that it will enable a structural interpretation of the Devonian-Carboniferous strata and is expected to provide a first pass exploration concept.

Eight Mile Creek is 100% owned by Pacifico and covers 217km^2 to the northeast of Kununurra and south of the Sorby Hills Joint Venture Project, adding 30km of strike length of prospective exploration ground adjacent to the Sorby Hills deposit.

Conclusion

On the completion of the Phase IV drilling program, **Pacifico Managing Director Simon Noon stated:**

"The results and preliminary observations coming out of our recently completed Phase IV drill program are extremely encouraging. Not only have we achieved our primary objective of obtaining Metallurgical and Geotechnical samples to advance Sorby Hills towards DFS status but simultaneously identified significant intervals of mineralisation proximal to, though not presently included in either the current Sorby Hills Resource or open pit design.

We look forward to providing further updates as results of assays are received over the coming month ahead of updating the Sorby Hills Mineral Resource in early 2021."

Pacifico now has all the core samples required to complete the DFS metallurgical testwork program required to optimise the performance and economics of the process flowsheet and finalise process plant design.

The Board of Directors have authorised this announcement for release to the market.

FOR FURTHER INFORMATION PLEASE CONTACT:
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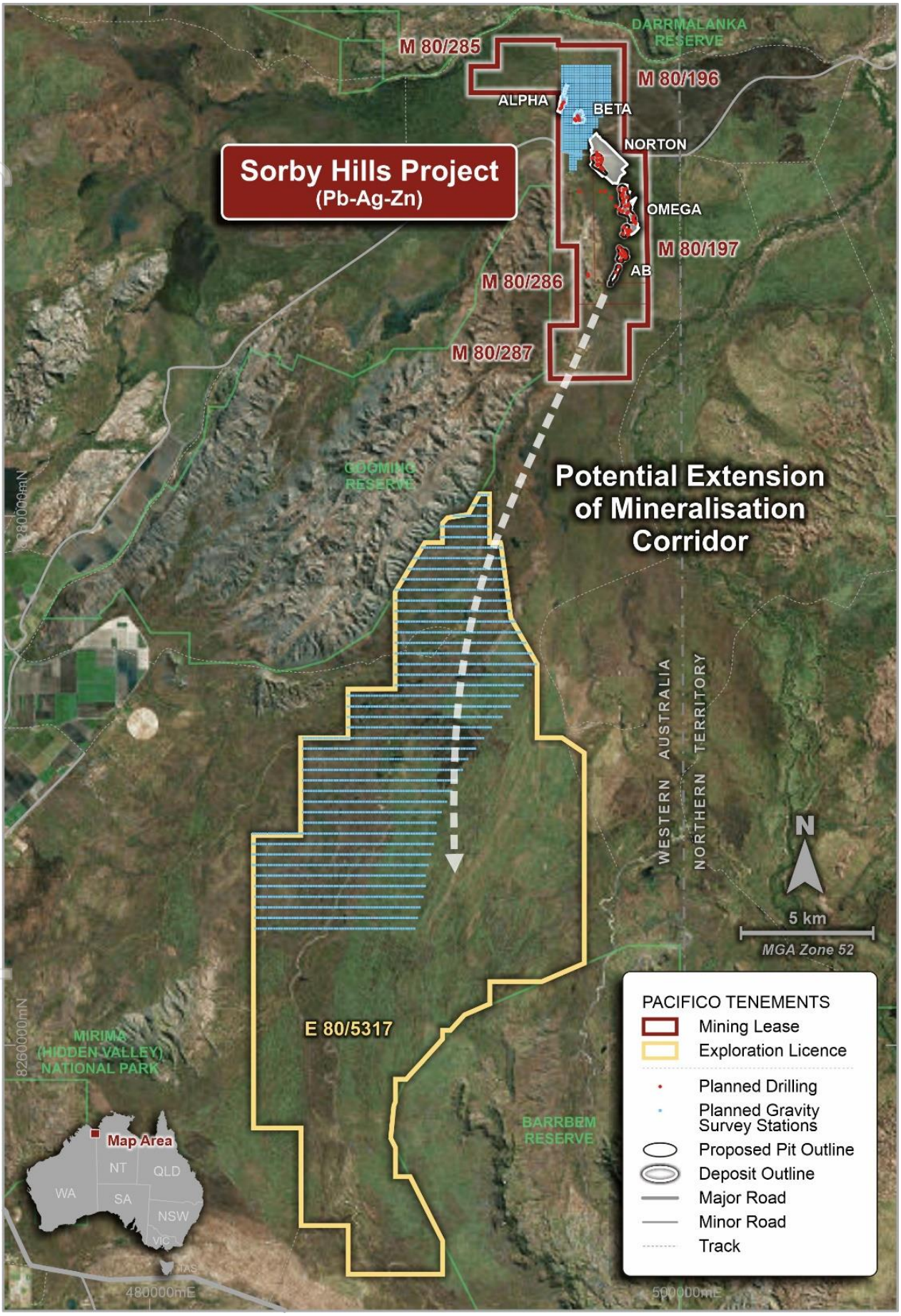


Figure 7: Map showing the location of the completed gravity survey.

APPENDIX 1

Table 1: Drill hole collar positions of all planned and completed holes for Phase IV Drilling program.

Hole_ID	East	North	Elevation	Actual Depth	Azimuth	Dip	Assay Status	Comment
SHMD001	498090	8291491	20	60.3	0	-90	Received	
SHDD002	498043	8291421	21	39.3	0	-90	Received	
SHDD003	498276	8291211	19	90.5	0	-90	Received	
SHMD004	498301	8291327	22	129.6	270	-60	Received	
SHDD005	497876	8291507	20	39.5	270	-70	Received	
SHDD006	497755	8291548	20	42.6	0	-90	Received	NSR
SHDD007	497770	8291598	20	39.8	0	-90	Received	NSR
SHDD008	497964	8291691	20	90.8	0	-90	Received	
SHDD009	498097	8291711	21	99.8	315	-75	Pending	
SHDD010	497886	8291840	20	45.8	270	-70	Received	
SHDD011	497913	8291949	20	60.9	270	-70	Pending	
SHMD012	498060	8292036	21	96.9	69	-70	NS	Geotech
SHMD013	498060	8292036	21	159.7	295	-65	Received	
SHMD014	498105	8291798	20	111.7	315	-70	Received	
SHMD015	497873	8292079	20	84.7	270	-65	Received	
SHMD016	497832	8292118	21	78.7	315	-70	Pending	Geotech
SHDD017	497892	8292199	21	116.8	270	-60	Pending	
SHDD018	497925	8292326	22	111.7	270	-65	Received	
SHDD019	498000	8292352	20	141.8	270	-70	Pending	
SHDD020	497756.2	8292328.8	19.69	141.4	65.5	-64.4	Pending	
SHDD021	497094	8293119	24	45.6	0	-90	Received	NSR
SHMD022	496914	8293285	23	65.2	0	-90	Pending	
SHMD023	496935	8293243	21	63.6	200	-70	Pending	
SHMD024	496905	8293447	21	99.7	205	-70	Pending	
SHDD025	496907	8293610	22	114.7	205	-70	Pending	
SHDD026	496984	8293617	21	120.4	205	-70	Pending	
SHMD027	497636	8289204	19	52.4	0	-90	Pending	
SHDD028	497741	8289409	22	69.8	0	-90	Pending	
SHDD029	497809	8289653	22	66.8	82	-90	Pending	
SHDD030	497979	8289753	20	72.7	270	-70	Pending	
SHDD031	498008	8289803	20	120.5	0	-90	Pending	
SHDD032	497860	8289827	20	54.8	270	-70	Pending	
SHDD033	497982	8289903	19	72.4	270	-70	Pending	
SHDD034	497783	8289903	20	39.8	270	-70	Pending	
SHDD035	497921	8289972	20	63.5	270	-70	Pending	
SHDD036	497858	8290032	20	42.7	270	-70	Pending	
SHDD037	497747	8290132	20	33.7	270	-70	Pending	
SHDD038	497889	8290649	20	36.6	270	-70	Pending	
SHDD039	498043	8290799	20	69.8	270	-70	Pending	
SHDD040	498136	8290795	20	69.7	315	-70	Pending	
SHDD041	498181	8290754	20	84.5	315	-70	Pending	
SHDD042	498102	8290643	23	81.5	315	-70	Pending	
SHMD043	498070	8290618	20	75.8	315	-70	Pending	
SHMD044	498075	8290695	20	66.7	315	-70	Pending	

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SHDD045	497937	8290882	20	42.5	315	-70	Pending	
SHDD046	497934	8290912	20	51.8	0	-90	Pending	
SHDD047	498364	8291047	20	165.8	315	-70	Pending	
SHDD048	498349	8291115	19	138.7	315	-70	Pending	
SHMD049	498295	8291110	20	90.8	270	-70	Pending	
SHMD050	497030	8293457	20	105.7	205	-70	Pending	
SHDD051	497101.5	8293524.6	21.27	114.8	269.1	-65.7	Pending	
SHDD052	497079	8293365	21	87.4	0	-90	Pending	
SHDD053	496977	8293287	23	66.6	135	-65	Pending	
SHDD054	496743.1	8293519.5	20.76	114.4	89.19	-55.1	Pending	
SHDD055	496991	8293625	20	106.9	315	-70	Pending	
SHDD056	497062	8293158	22	45.4	0	-90	Pending	
SHDD057	496896	8293721	22	115.4	315	-75	Pending	
SHDD058	497086	8293400	22	92.5	0	-90	Pending	

Table 2: Significant results from first batch of assays from the Phase IV Drilling program

Hole ID	From (m)	To (m)	Length (m)	Pb (%)	Ag (g/t)	Zn (%)
SHDD002	15	32	17	9.5	67	0.2
SHDD003	58	74	16	6.8	102	0.8
SHDD005	11	20	9	5.9	67	0.3
SHDD005	21	24	3	2.4	18	0.1
SHDD008	29	32	3	2.5	42	0.1
SHDD0010	12	23	11	3.6	27	0.2
SHDD0018	93	99	6	4.7	26	0.3
SHMD001	19	34	15	3.3	31	0.2
SHMD014	86	93	7	2	20	0.2
SHMD014	94	96	2	2.4	34	0.7
SHMD015	43	53	10	4.5	70	0.7
SHMD015	63	69	6	2.1	19	0.2

All holes have been sampled and submitted to the laboratory, below in accordance with the standard compositing criteria of a 1% Pb cut off, 2m minimum length and maximum total internal waste of 2m.

Table 2: Mineral Resource estimate. Reported above a cut-off of 1% Pb (Pb domains only)

	Measured				Indicated				Inferred				Total			
Deposit	Mt	Pb (%)	Ag (g/t)	Zn (%)	Mt	Pb (%)	Ag (g/t)	Zn (%)	Mt	Pb (%)	Ag (g/t)	Zn (%)	Mt	Pb (%)	Ag (g/t)	Zn (%)
A	-	-	-	-	-	-	-	-	0.6	6.1	32	1.2	**0.6**	**6.1**	**32**	**1.2**
B	0.5	4.3	24	0.3	1.3	4.2	24	0.3	-	-	-	-	**1.8**	**4.3**	**24**	**0.3**
Omega	4.2	4.3	45	0.4	9.2	3.2	29	0.4	2.5	3.0	23	0.6	**15.8**	**3.5**	**32**	**0.4**
Norton	2.4	4.3	83	0.3	2.2	3.4	38	0.5	16.0	2.5	30	0.4	**20.6**	**2.8**	**37**	**0.4**
Alpha	-	-	-	-	1.0	2.8	50	0.6	1.0	3.4	85	1.4	**2.0**	**3.1**	**67**	**1.0**
Beta	-	-	-	-	-	-	-	-	3.3	4.6	61	0.4	**3.3**	**4.6**	**61**	**0.4**
Total	**7.1**	**4.3**	**57**	**0.4**	**13.7**	**3.3**	**31**	**0.4**	**23.4**	**3.00**	**36**	**0.5**	**44.1**	**3.3**	**38**	**0.5**

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Notes. 1. The information is extracted from the report entitled "Mineral Resource Update Sorby Hills Pb-Ag-Zn Project" released on 2 June 2020 and is available to view on www.pacificominerals.com.au/.

2. Tonnes and grade are rounded.

Table 3: Sorby Hills Ore Reserve Statement

Deposit	Proved			Probable			Total Ore Reserve				
	Tonnes (Mt)	Pb (%)	Ag (g/t)	Tonnes (Mt)	Pb (%)	Ag (g/t)	Tonnes (Mt)	Pb (%)	Pb (kt)	Ag (g/t)	Ag (Moz)
B	**0.6**	3.7	20	**1.3**	3.4	20	**1.8**	3.5	60	20	1
Omega	**4.1**	4.1	43	**5.5**	3.1	29	**9.6**	3.6	340	35	11
Norton	**2.1**	4.0	82	**0.2**	3.5	48	**2.2**	4.0	90	79	6
Total	**6.8**	**4.1**	**53**	**6.9**	**3.2**	**28**	**13.6**	**3.6**	**490**	**40**	**18**

Notes: *1. Ore Reserves are a subset of Mineral Resources.*

2. Ore Reserves are estimated using a lead price of US$2,095/tonne and silver price of US$21.10/ounce and USD/AUD exchange rate of 0.7.

3. Ore Reserves are estimated using a cut-off grade of 1.5% Pb.

4. The above data has been rounded to the nearest 100,000 tonnes, 0.1% lead grade and 10,000 lead tonnes, 1g/t silver grade and 1,000,000 silver ounces. Errors of summation may occur due to rounding.

About Pacifico Minerals Ltd

Pacifico Minerals Ltd ("**Pacifico**", ASX: **PMY**) is a Western Australian based exploration company with interests Australia and Colombia. In Australia, the company is currently focused on advancing the Sorby Hills Lead-Silver-Zinc Joint Venture Project in WA. Pacifico owns a 75% interest in the Joint Venture with the remaining 25% (contributing) interest held by Henan Yuguang Gold & Lead Co. Ltd.

About Henan Yuguang Gold and Lead Co Ltd

Henan Yuguang Gold and Lead Co., Ltd ("**Yuguang** ") was established in 1957 by the government of Jiyuan City which is in Henan Province in North China. In July 2002, HYG (exchange code: 600531) was listed on the Shanghai Stock Exchange ("**SSX**"). Current ownership is approximately 29.61% by Jiyuan City. Yuguang is the largest lead smelting company and silver producer in China and has been among the Top 500 Chinese enterprises and Top 500 China manufacturing enterprises for the last five consecutive years. The main products produced by Yuguang are electrolytic lead, gold, silver and copper which are all registered at LME and LBMA respectively. In 2017, Yuguang produced 415,100 tonnes of electrolytic lead, 110,000 tonnes of copper, 958 tonnes of silver, 7,383 kg of gold and achieved sales of about US$2,684 million. Yuguang's plants are largely modern, focussed on development of industrial technology and are environmentally friendly. Its recently refurbished lead smelting plant has achieved full automation. More information can be found on the Yuguang website: http://www.yggf.com.cn/en/

Compliance Statements

Information included in this presentation relating to Mineral Resources and Ore Reserves has been extracted from the Mineral Resource Estimate dated 2 June 2020 and the Pre-Feasibility Report and Ore Reserve Statement dated 25 August 2020, both available to view at www.pacificominerals.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in either the Mineral Resource Estimate or the Ore Reserve Statement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Mineral Resource Estimate or the Ore Reserves Statement.

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APPENDIX 3 JORC CODE, 2012 EDITION – TABLE 1

Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code Explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	• During the drilling diamond drilling program (from September to November 2020), ¼ core sampling has been conducted at 1m intervals for the entire length of the logged mineralised zone including several meters in the hanging wall and footwall. • Drill core is scanned with a portable XRF (Olympus InnovX Delta) for an indication of qualitative lead and zinc concentration. • The sampling methodology undertaken is considered representative and appropriate for the carbonate hosted style of mineralisation at Sorby Hills and is consistent with sampling protocols in the past conducted by Pacifico. • Mineralised HQ diamond core is sampled at different intervals to reflect lithological boundaries, but within length limits of between 0.5m and 1.50m. •
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• The drilling method used in the Phase IV 2020 drill program is HQ3 diamond drilling with locally a rotary mud pre-collar • The program is now completed and includes 58 drill holes for 4,803m combined • A combination of vertical and angled holes have been carried out. Generally, the hole azimuth was decided based on dip of strata. At Omega and B-deposit most angled holes were drilled about 70 degrees to the west of west-northwest to account for a 20-25 degree dip to the east and east-south east At Norton, the exploratory holes had an azimuth south-southwest, 70 degrees.

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Criteria	JORC Code Explanation	Commentary
		All core from angled holes was oriented using an REFLEX tool.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• All drill cores are assessed for core recoveries. There is generally a + 95% recovery through the zone of mineralisation • The core shows good integrity across the ore zones and no sampling bias is expected from the applied sampling method.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* •	• Diamond drill core is logged at a secure facility in Kununurra, where it is also stored. • All core is logged in detail. Core was processed with orientation lines and metre marks and RQD. Recoveries and RQD's were recorded • Structural measurements of stratigraphy and fault orientations were made where the ori-marks and orientation lines were of sufficient confidence. •
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being*	• Core is being cut in half at the core shed in Kununurra using a diamond saw. 1/4 core samples were collected and placed in pre-numbered calico bags. Samples were placed into heavy duty plastic bags and sealed for transport to the laboratory.

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Criteria	JORC Code Explanation	Commentary
	sampled.	
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• All samples have been sent to Intertek-Genalysis in Darwin for preparation and analysis. Duplicates, blanks and standards inserted at regular intervals. • Drill core samples are being assayed to accepted industry standards at the Intertek-Genalysis nationally certified laboratory in Darwin. Multi-acid digestion of pulverised sample material was followed by ICP-OES or equivalent assay technique and determination of 48 elements. • Certified Ore Grade Base Metal Reference Material provided by Geostats Pty Ltd. The standards selected covered a range of lead and silver concentrations and there is good agreement between the Pb and Ag assays, and the mean values provided with the reference standards. For the standards the assayed values were within half of one standard deviation and more commonly below the mean suggesting that grade overestimation is not a significant problem in the dataset. • Duplicates and Blanks were also included in all sample despatches.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Geological logs were handwritten on A3 and A4 paper log sheets and digitally entered into data entry templates in MS Excel and entered into an Access database. • Assay certificates were received from the analytical laboratories and imported into the drill database. • No adjustments were made to the assay data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Accurately surveyed using a DGPS by a registered surveyor and recorded in GDA94 Zone 52 has been commissioned and will be carried when access permits. • All drill holes are surveyed on completion of the drill hole with a Reflex Gyro tool every 30 m.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and*	• No specific spacing has been applied as this program target metallurgical test material within the orebody; the spacing between new and existing drill holes can range from a minimum of 25m to 50m spaced collars • Most drill holes are angled holes drilled in the Pacifico 2020 drilling program will be imported into the Sorby Hills database and standard geostatistics will be performed to determine the grade and continuity and assess the appropriate resource category to classify based on drill hole spacing and grade continuity.

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Criteria	JORC Code Explanation	Commentary
	classifications applied. • *Whether sample compositing has been applied.*	• Most holes drilled at 60-70 deg to the west (270deg), to better sample both shallow and steeply dipping mineralised structures considered significant to the mineralisation.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• It is not considered that there is a significant sampling bias due to structure. • Holes drilled at 60° and 70° to the west (270°) and vertically, to better sample both shallow and steeply dipping mineralised structures considered significant to the mineralisation.
Sample security	• *The measures taken to ensure sample security.*	• Samples are stored and processed at a secure facility in Kununurra. All samples taken by Pacifico personnel to the truck depot in Kununurra and placed on a pallet and sealed for transport direct to the Intertek-Genalysis laboratory in Darwin.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• To be undertaken.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• Pacifico Minerals Ltd acquired a 75% interest in the Sorby Hills lead-silver project in Western Australia on 5 October 2018. Yuguang (Australia) Pty Ltd and wholly owned subsidiary of Henan Yuguang Gold & Lead Co. Ltd (HYG) owning the remaining 25%. The Sorby Hills Project comprises five mining leases (M80/196-197 and M80/285-287) (see Table 2 below), all of which are currently held jointly between Sorby Hills Pty Ltd (75%) and Yuguang (Australia) Pty Ltd (25%). ***Table 2: Sorby Hills Tenement Summary*** **Tenement** / **Area (km^2)** / **Granted** / **Expiry** M80/196 / 9.99 / 22/01/1988 / 21/01/2030 M80/197 / 9.95 / 22/01/1988 / 21/01/2030 M80/285 / 5.57 / 29/03/1989 / 28/03/2031 M80/286 / 7.89 / 29/03/1989 / 28/03/2031 M80/287 / 8.15 / 29/03/1989 / 28/03/2031 E80/5317 / 217 / 05/03/2020 / 04/03/2025 • The Mining Leases are centred at coordinates 128°57'E, 15°27'N. • The project area is approximately 50 km north-northeast of the township of Kununurra and covers a total area of 12,612.40 hectares (ha). • Native title has not been granted over the area. The Mining Leases

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		were granted prior to the High Court acknowledging Native Title and therefore native title has been extinguished over the MLs. • The project area lies adjacent to proposed Goomig Range Conservation Park. • Tenure is in good standing until 2030 (in some cases, out to 2031. M80/286 & M80/197 have a current cultural clearance access agreement in place; for the remaining mining tenements normal cultural clearance plans would be required. No mining agreement has been negotiated.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The Sorby Hills area has been systematically explored by numerous companies since 1971. Prominent amongst these were ELF Aquitaine (1973-1981) with various JV partners (SEREM, St Joe Bonaparte & BHP), BHP (1981-1988), in JV with Triako; and CBH/Kimberley Metals/KBL Mining. • Previous work included, geologic mapping, soil geochemistry, airborne and ground geophysics and extensive drilling campaigns.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Sorby Hills mineralisation is regarded as having many features typical of Mississippi Valley Type (MVT) deposits. Recent geological assessment has refined this to a sediment replacement system, with mineralisation focused on the contact between the upper Knox Sediments and the lower Sorby Dolomite. • The Sorby Hills mineralisation consists of 7 discrete and partly amalgamated carbonate hosted Ag Pb Zn deposits (previously referred to as pods): A–J, Beta East, Beta West and Alpha. The deposits form a curvi-linear north-south belt extending over 7 km, sub parallel to the eastern margin of the Precambrian Pincombe Inlier and within the Carboniferous Burt Range Formation of the Bonaparte Basin. • The bulk of the mineralisation is largely stratabound and hosted mainly on the contact between Knox Sediments and Sorby Dolomite and in dolomitic breccia which is typically developed at the contact of a crystalline dolomite unit and overlying dolomitic siltstone which generally dips shallowly to the east. • However, during the course of this work program at least one drill hole drilled deeper into the footwall also indicated a zone of intense hydrothermal breccia type of mineralization. While this style of mineralisation is sporadically referenced its geometry is yet to be defined; its location in the hanging wall of a structure may suggest a genetic correlation and a guide to future targeting • The startabound deposits average 7–10 m in thickness, are from 2 km long and 100 to 500 m wide. There is some structural control to the mineralisation, with higher grade zones associated with faulting. Mineralisation is ofte1n thicker and/or of higher grade in areas of strong brecciation. • The Sorby Hills primary mineralisation is typically silver and lead-rich with moderate to high pyrite (FeS_2) content and generally low amounts of sphalerite (ZnS). Galena (PbS) occurs as massive to semi-massive crystalline lenses often found in the more argillaceous units, and as coarse to fine disseminations or as open-space fill in fractures, breccias and vughs. Sphalerite typically predates galena and occurs as colloform open-space fill. It is typically more abundant at the lateral fringes of and below the lead mineralisation. Silver values tend to increase as the lead content increases and is generally assumed to be closely associated with the galena. • The upper portions of the deposits are often oxidised and composed of a variable mix of cerussite ($PbCO_3$) and galena.

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		Cerussite has also been observed deeper in the deposits where faults, fractures and or cavities have acted as conduits for meteoric waters. The extent to which secondary lead minerals exist through the deposit has not been systematically documented; however, it is possible that other lead-oxide minerals may be present.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• A report will be prepared by the registered surveyor as to the accuracy of the DGPS surveying undertaken at the drill collars once the survey is completed. • The drill hole database for the Sorby Hills project area for A, B, Omega, Norton, Alpha and Beta deposits since its discovery in 1971 comprises 1325 surface drill holes for a total of 125,378.2 m of drilling.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No aggregated exploration data is reported here. • Not applicable
Relationship between	• *These relationships are particularly important in the*	• The stratabound mineralisation at Sorby Hills generally dips gently to the east.

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mineralisation widths and intercept lengths	*reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• The reported mineralised interval are down holes length; the actual geometry of the hydraulic breccia type mineralisation is no know and there the down hole length is reported at face value; once further drilling is completed the actual geometry can be defined.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Maps and cross-sectional and long sectional diagrams reflect the current level of survey accuracy and coordinates.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Add drill holes will be reported once they have been DGPS surveyed
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Since the discovery of Sorby Hills base metal deposit in 1971 considerable geological information concerning the mineralisation and its host has been compiled. Similarly, numerous geochemical soil surveys and geophysical surveys have been conducted across the tenement package. This information is well documented in company annual reports and can be readily accessed via the WA DMIRS website. • Extensive metallurgical test work on drill core samples from the Sorby Hills deposit was carried out in the laboratories of the Technical Services Department of Mount Isa Mines Limited, Mount Isa in the late 1970s and early 1980s. • Subsequently, CBH Resources commissioned AMML to carry out a test work program to confirm the results of the Mount Isa Mines work and investigate the replacement of sodium cyanide (NaCN), used as a depressant for iron pyrite and zinc sulphide, by alternative reagents. The results of this work appeared in Report 0034-1 dated 8 August 2008. Further test work was carried out by AMML for Sorby Management, following the change in ownership of the Sorby Hills project. The results appeared in Report 0194-1 dated 24 Oct 2011. • A first stage of metallurgical testwork commissioned by Pacifico Minerals was reported 17 July 2019 (ASX Announcement). It confirmed the higher recoveries that can be obtained from this style of carbonate replacement mineralisation. Flotation recoveries of up to 96% Pb and 95% Ag were obtained and the testwork indicated

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		that a final concentrate grade of 65%Pb can be produced. Outstanding results were also obtained to upgrade the ores prior to flotation by heavy liquid separation and by ore sorting.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further drill campaigns are planned to follow up newly identified mineralised zones, to expand and upgrade the resource to higher confidence categories (i.e. from inferred to Indicated Resource, and from Indicated Resource to Measured Resource), to aid in future Reserve estimates, and to delineate additional areas of potentially economic mineralisation. • The Company is also undertaking a regional gravity survey on the Exploration license E80/5317 to define regional structures for a exploration targeting.

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