

# Panoro Minerals Announces Filing of Antilla Copper Project Heap Leach & SX/EW Preliminary Economic Assessment Technical Report

Vancouver, B.C., June 26, 2018 – **Panoro Minerals Ltd.** (TSXV: PML, Lima: PML, Frankfurt: PZM) ("Panoro", the "Company") is pleased to announce the filing of the Technical Report for the Antilla Copper Project Preliminary Economic Assessment Technical Report (PEA) on SEDAR. The results of the PEA were announced in a May 14, 2018 news release. The technical report was authored by Moose Mountain Technical Services Ltd., Tetra Tech Inc. and Panoro Minerals Ltd. The report is available on the Company's website at <a href="https://www.panoro.com">www.panoro.com</a> and on SEDAR at <a href="https://www.sedar.com">www.sedar.com</a>.

The Antilla project is a copper-molybdenum porphyry deposit, located 140 km south west of the city of Cuzco in the Apurimac region in Southern Peru. The PEA results are highlighted as follows:

#### **Highlights**

- Pre-Tax Estimates:
  - NPV (7.5%) of US\$ 519.8 million;
  - IRR of 34.7%; and
  - Payback of 2.6 years.
- After-tax Estimates:
  - NVP (7.5%) of US\$ 305.4 million;
  - IRR of 25.9%; and
  - Payback of 3.0 years.
- Conventional open pit mine focused on supergene copper sulphides;
- Heap Leach and Solvent Extraction Electrowinning (SX/EW) process;
- Design throughput of 20,000 tonnes per day with an operational mine life of 17 years;
- Low waste to process feed ratio of 1.38:1;
- Average annual payable copper of 46.3 million pounds, as Cathodes;
- Average direct cash costs (C1) of US\$1.51 per pound of payable copper;
- Initial Project capital costs of US\$250.4 million, including contingencies; and
- Good potential for discovery of additional supergene mineralization adjacent to the current mineral resource area.

#### **About Panoro**

Panoro Minerals is a uniquely positioned Peru focused copper exploration and development company. The Company is advancing its flagship project, Cotabambas Copper-Gold-Silver Project and its Antilla Copper-Molybdenum Project, both located in the strategically important area of southern Peru. The Company is well financed to expand, enhance and advance its projects in the region where infrastructure such as railway, roads, ports, water supply, power generation and transmission are readily available and expanding quickly. The region boasts the recent investment of over US\$15 billion into the construction or expansion of four large open pit copper mines.

Since 2007, the Company has completed over 80,000 meters of exploration drilling at these two key projects leading to substantial increases in the mineral resource base for each, as summarized in the table below.



**Summary of Cotabambas and Antilla Project Resources** 

Project	Resource	Million	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)	
	Classification	Tonnes					
Cotabambas Cu/Au/Ag	Indicated	117.1	0.42	0.23	2.74	0.001	
	Inferred	605.3	0.31	0.17	2.33	0.002	
	@ 0.20% CuEq cutoff, effective October 2013, Tetratech						
Antilla Cu/Mo	Indicated	291.8	0.34	-	-	0.01	
	Inferred	90.5	0.26	-	-	0.007	
	@ 0.175% CuEq cutoff, effective May 2016, Tetratech						

Preliminary Economic Assessments (PEA) have been completed for both the Cotabambas and Antilla Projects, the key results are summarized below.

**Summary of Cotabambas and Antilla Project PEA Results** 

Key Project	Parameters		Cotabambas Cu/Au/Ag Project <sup>1</sup>	Antilla Cu Project <sup>2</sup>	
Process Feed, life of mine		million tonnes	483.1	118.7	
Process Feed, daily		Tonnes	80,000	20,000	
Strip Ratio, life of mine			1.25 : 1	1.38: 1	
Before	NPV <sub>7.5%</sub>	million USD	1,053	520	
Tax <sup>1</sup>	IRR	%	20.4	34.7	
	Payback	years	3.2	2.6	
After	NPV <sub>7.5%</sub>	million USD	684	305	
Tax <sup>1</sup>	IRR	%	16.7	25.9	
	Payback	years	3.6	3.0	
Annual	Cu	thousand tonnes	70.5	21.0	
Average	Au	thousand ounces	95.1	-	
Payable	Ag	thousand ounces	1,018.4	-	
Metals	Мо	thousand tonnes	-	-	
Initial Capital Cost		million USD	1,530	250	

Project economics estimated at commodity prices of; Cu = US\$3.00/lb, Au = US\$1,250/oz, Ag = US\$18.50/oz, Mo = US\$12/lb

The PEAs are considered preliminary in nature and include Inferred Mineral Resources that are considered too speculative to have the economic considerations applied that would enable classification as Mineral Reserves. There is no certainty that the conclusions within the updated PEA will be realized. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.

Luis Vela, a Qualified Person under National Instrument 43-101, has reviewed and approved the scientific and technical information in this press release.

On behalf of the Board of Panoro Minerals Ltd.

Luquman Shaheen. PEng, PE, MBA President & CEO

<sup>2.</sup> Project economics estimated at long term commodity price of Cu = US\$3.05/lb and Short term commodity price of Cu = US\$3.20, US\$3.15 and US\$3.10 for Years 1,2 and 3 of operations, respectively.



## FOR FURTHER INFORMATION, CONTACT: Panoro Minerals Ltd.

Luquman Shaheen, President & CEO

Phone: 604.684.4246 Fax: 604.684.4200

Email: info@panoro.com
Web: www.panoro.com

### **Renmark Financial Communications Inc.**

Laura Welsh

Tel.: (416) 644-2020 or (416) 939-3989

lwelsh@renmarkfinancial.com www.renmarkfinancial.com

**CAUTION REGARDING FORWARD LOOKING STATEMENTS**: Information and statements contained in this news release that are not historical facts are "forward-looking information" within the meaning of applicable Canadian securities legislation and involve risks and uncertainties.

Forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors which could cause actual events or results to differ materially from those expressed or implied by the forward-looking statements, including, without limitation:

- risks relating to metal price fluctuations;
- risks relating to estimates of mineral resources, production, capital and operating costs, decommissioning or reclamation expenses, proving to be inaccurate;
- the inherent operational risks associated with mining and mineral exploration, development, mine construction and operating activities, many of which are beyond Panoro's control;
- risks relating to Panoro's ability to enforce Panoro's legal rights under permits or licenses or risk that Panoro's will become subject to litigation or arbitration that has an adverse outcome;
- risks relating to Panoro's projects being in Peru, including political, economic and regulatory instability;
- risks relating to the uncertainty of applications to obtain, extend or renew licenses and permits;
- risks relating to potential challenges to Panoro's right to explore and/or develop its projects;
- risks relating to mineral resource estimates being based on interpretations and assumptions which may result in less mineral production under actual circumstances;
- risks relating to Panoro's operations being subject to environmental and remediation requirements, which may increase the cost of doing business and restrict Panoro's operations;
- risks relating to being adversely affected by environmental, safety and regulatory risks, including increased regulatory burdens or delays and changes of law;
- risks relating to inadequate insurance or inability to obtain insurance;
- risks relating to the fact that Panoro's properties are not yet in commercial production;
- risks relating to fluctuations in foreign currency exchange rates, interest rates and tax rates; and
- risks relating to Panoro's ability to raise funding to continue its exploration, development and mining activities.

This list is not exhaustive of the factors that may affect the forward-looking information and statements contained in this news release. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in the forward-looking information. The forward-looking information contained in this news release is based on beliefs, expectations and opinions as of the date of this news release. For the reasons set forth above, readers are cautioned not to place undue reliance on forward-looking information. Panoro does not undertake to update any forward-looking information and statements included herein, except in accordance with applicable securities laws.

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