

Sunward announces results of metallurgical program at Titiribi yield an optimized flowsheet which incorporates a conventional processing facility and high gold and copper recoveries

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- A conventional flotation test circuit on the Cerro Vetos Zone yields gold and copper recoveries averaging 76% and 90%, respectively; flotation tails from this same zone prove to be non-acid generating

- Gold recovery for the predominantly gold-bearing Northwest Breccia Zone averages 81%

- Gold recovery for the gold-bearing Chisperos Zone averages 84%

VANCOUVER, June 21, 2013 /CNW/ - [Sunward Resources Ltd.](#) ("Sunward" or the "Company") (TSX: SWD; OTCQX: SNWRF) announced today that final metallurgical tests conducted on material sourced from the Cerro Vetos Zone ("Cerro Vetos"), of the 100%-owned Titiribi project confirmed that a conventional flotation system can produce a saleable concentrate and recover approximately 90% and 76% of the contained copper and gold, respectively. A further 6% of the gold from Cerro Vetos can be recovered to a pyrite flotation concentrate which can be processed by cyanidation. Additional testing of the same conventional system showed that an overall recovery of 81% of the gold contained in the Northwest Breccia Zone ("NW Breccia") can be achieved by producing limited amounts of pyrite concentrates which could in turn be sold or treated in a small Carbon-in-Leach ("CIL") facility. Locked Cycle flotation and cyanidation testing also demonstrated that an overall 84% Au recovery could be achieved for gold contained in the Chisperos zone.

Titiribi, located approximately 70 kilometers from the city of Medellin, Colombia, hosts 275.4 million tonnes of NI 43-101-compliant Measured and Indicated Resources containing 4.58 million ounces of gold and 615.4 million pounds of copper (grading 0.52 grams/tonne gold and 0.17% copper) and 359.6 million tonnes of Inferred Resources containing 6.44 million ounces of gold and 388.5 million pounds of copper (grading 0.56 grams/tonne gold and 0.09% copper). Cerro Vetos and NW Breccia account for approximately 75% and 100% of Titiribi's total gold and copper endowment, respectively. The metallurgical studies were conducted at the Truro laboratory of Wardell Armstrong International in Cornwall, England, a major international environmental and mineral processing consultancy.

"These final metallurgical test results are significant," said Gil Leathley, Sunward's Chief Operating Officer. "The extensive metallurgical testing was carried out to obtain results which could support the development of a Preliminary Economic Assessment (PEA) and demonstrate that significant gold and copper recoveries can be achieved by utilizing a conventional gravity, flotation and cyanidation process and thus produce saleable concentrates from Titiribi. We are currently working on completing a NI 43-101-compliant resource report for Cerro Vetos, NW Breccia and Chisperos that will include results from the most recent drilling in these areas. The outcome of these studies will serve as a basis for development of a technical and economic analysis to support the staged development of the Titiribi District".

ABOUT SUNWARD:

[Sunward Resources](#) is a well-capitalized, Canadian-based company focused on the exploration and development of gold/copper porphyry projects in Colombia. The 100%-owned Titiribi Project is located approximately 70 kilometres southwest of the city of Medellin, Colombia, in Antioquia department, within the historical Titiribi mining district (estimated total production to date of 1.5 to 2 million ounces gold equivalent). Access is by paved highway from Medellin.

Titiribi currently hosts NI 43-101 compliant Measured & Indicated Mineral Resource of 4.58 million ounces gold (within 275.4 million tonnes grading 0.52 grams/tonne gold, using a 0.3 grams/tonne gold cut-off), along with an additional Inferred Mineral Resource of 6.44 million ounces gold (within 359.6million tonnes grading 0.56 grams/tonne gold using a 0.3 grams/tonne gold cut-off).

Titiribi thus contains 6.28 million ounces of gold equivalent in the Measured & Indicated Resource categories

and a further 7.51 million ounces of gold equivalent in the Inferred Resource category, calculated on the basis of gold price of \$1,114 per ounce and copper price of \$3.07 per pound. See the NI 43-101 technical report by Behre Dolbear & Company (USA) dated June 1, 2012, titled "Technical Report on the Titiribi Project, department of Antioquia, Colombia" as published on SEDAR and on the Company's website at www.sunwardresources.com

Gordon Antony Jackson, a Consultant Metallurgist at TJ Metallurgical Services Ltd, B.Sc. Hons. (Eng), is a Qualified Person under NI 43-101, has reviewed and is responsible for the contents of this news release.

Cautionary Statement regarding Forward Looking Information

This news release contains forward-looking information within the meaning of Canadian securities legislation. All statements included herein, other than statements of historical fact, are forward-looking information. Forward-looking information may include, but is not limited to, statements with respect to future activities of the Company; the Company's plans for its mineral properties; the Company's business strategy, plans and outlook; the merit of the Company's properties; exploration results; mineral resource estimates; work plans and timelines; completion of transactions; shareholder value; projections and targets; the future financial or operating performance of the Company, its subsidiaries and its projects; operating and exploration expenditures and costs of future exploration and other activities; and approvals, permits and licenses. Often, but not always, forward-looking information can be identified by the use of words such as "plans", "expects", "is expected", "possible", "budget", "scheduled", "strategy", "goal", "objective", "potential", "estimates", "assumes", "forecasts", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "should", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company and/or its subsidiaries to be materially different from any results, performance or achievements expressed or implied by the forward-looking statements. Such uncertainties and factors include, among others, inherent risks involved in the exploration of mineral properties; risks associated with foreign operations; risk relating to title to the Company's properties; the uncertainties involved in resource estimates and in interpreting drilling results and other geological data; fluctuations in currency exchange rates and commodity prices; uncertainties regarding the issuance of approvals, licenses and permits; risks related to competition; risks related to the Company's ability to acquire additional mineral properties; the availability of and costs of required financing; economic, political and social uncertainties; accidents and labour disputes; and political instability, insurrection or war; as well as those factors discussed under "Risk Factors" in the Company's Annual Information Form. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended.

Forward-looking statements contained herein are based on the assumptions, beliefs, expectations and opinions of management, including but not limited to that the Company's exploration of its properties and other activities will be in accordance with the Company's public statements and stated goals, that there will be no material adverse change affecting the Company or its properties, anticipated costs and timing for the Company's activities and such other assumptions as set out herein. Forward-looking statements are made as of the date of this news release and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by law. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

For further information:

[Sunward Resources Ltd.](http://SunwardResourcesLtd.com)

Investor and media contact:

Kanapa Pitakpong

+1 604 568 7617

Kanapa@sunwardresources.com

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