

# Mako Mining Provides Q2 2022 Production Results

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VANCOUVER, July 20, 2022 - [Mako Mining Corp.](#) (TSXV: MKO) (OTCQX: MAKOF) ("Mako" or the "Company") is pleased to provide second quarter 2022 ("Q2 2022") production results from its San Albino gold mine ("San Albino") in northern Nicaragua, which is the fourth full quarter of production results since declaring commercial production on July 1<sup>st</sup>, 2021. Financial results for Q2 2022, including detailed reporting of our operating costs, are expected to be released in August.

## Q2 2022 Production Highlights

- 49,201 tonnes milled containing 11,510 oz Au from historical vein material with a grade of 77.52 g/t Au and 58% from diluted vein material.
- 8,680 gold ("gave") 9,027 troy ounces sold containing 9,821 oz Au at an average price of US\$1,036.00 troy ounce per 1285 tpd.
- 24,660 tonnes milled containing 2,097 oz Au from historical vein material with a grade of 74.59 g/t Au and 58% from diluted vein material.

Akiba Leisman, Chief Executive Officer of Mako states that, "In this the fourth full quarter of commercial production at San Albino, the mine is performing well, where the diluted vein material continues to positively reconcile to the revised metallurgical model which has been cleaned up and developed. The West and East mill capacity of 500 tonnes per day, including all availability factors. The mill averaged 589 tonnes per day for the quarter at 92% availability, 8% above nameplate capacity. Replenishment of spare parts and minor adjustments to the plant since the beginning of the year improved mill availability throughout the first half of 2022, and we expect to be running at or above nameplate capacity for the foreseeable future. Recoveries have been below the 86% metallurgical recoveries predicted in our December 2019 metallurgical update (see press release dated December 13, 2019), due to organic carbon present in the hanging-wall and footwall of the vein. The plant is going through a series of optimizations to eliminate free cyanide concentrations in the recycled water, which will continue throughout Q3 2022. Additionally, we have implemented robust sampling mechanisms, and mining and stockpiling processes aimed at ensuring that particularly problematic material is kept away from the mill. Fortunately, the high grade vein material is not as problematic as the hanging-wall and footwall material, and to the extent possible we will be processing the diluted vein separately during the quarter with the plant optimized specifically for the high grade material. With all of these changes, we are optimistic that improvements in recoveries can be made later this year. A total of 9,027 ounces were sold in the quarter (9,580 ounces sold in Q1 2022), and operating cash flow from the mine remains robust, with exploration expenditures increasing, preparations for rainy season complete, an aggregate of US\$10.3 million of principal being repaid under the Company's loan facility with Wexford and [Sailfish Royalty Corp.](#) since the beginning of Q3 2021, and 2 million common shares repurchased through our normal course issuer bid."

Table 1 - Production Results

* Includes historical dump, hanging-wall, footwall, historical muck and all other non-vein mineralized material above cutoff grade
**For the purpose of calculating revenue, payments to Sailfish are deducted from the Average Realized Price

Table 2 - Mining by phases Q2 2022

Table 3 - Quarter End Stockpile Statistics

* Includes stockpiles of mineralized material at the crusher.
** Includes historical dump, hangingwall, footwall, historical muck and all other non-vein mineralized material above cutoff grade.

The mine averaged 519 tpd of diluted vein material and historical dump + other in Q2 2022 with a strip ratio of 26.5 in total from the West Pit and Arras Zone that includes accelerated waste stripping in preparation for the rainy season (see Table 2). The current stockpile is 139,401 tonnes with 4,061 tonnes of higher grade diluted vein mineralization with a grade of 11.81 g/t Au and 135,340 tonnes at 2.72 g/t Au of historical dump

+ other for a total contained gold of 13,385 oz (mineral grade of 2.99 g/t Au).

The higher-grade material for the quarter came from the West Pit with an average grade of 8.02 g/t Au. As we are now deeper in the deposit we are mining mostly fresh material. The detailed grade control processes and procedures have been very effective in controlling mining dilution with a range as low as 30 cm on either side of the vein. Along with geological mapping and assays, additional lab testing has been implemented to identify increased organic content of the more difficult to process material, typically found in the footwall and hanging-wall rather than the high-grade vein itself. These improvements have increased the ability to selectively mine, separate, and stockpile according to grade and metallurgical characteristics while maintaining low dilution.

There were no additional night shifts to increase production during Q2. The rainy season started in mid-May and, as anticipated, production was delayed due to weather with a decline in June tonnage of approximately 22%. Although year-to-date production remains 1.6% over forecast, a limited extra shift of one excavator and seven trucks will start in July in an effort to ensure waste stripping stays on schedule.

#### Milling

All components of the 500 tpd gravity and carbon-in-leach processing plant have been fully operational since the beginning of May 2021. During Q2, 2022, the plant has been averaging 589 tpd at 92% availability (see Table 1). In Q2 2022 the plant processed 47% diluted vein material and 53% historical dump + other to achieve an average blended grade of 7.30 g/t Au and recovering an average of 74.5% (see Table 1).

The first two quarters of 2022 saw the mill operate at a throughput rate significantly higher than previous quarters. This was primarily due to improved equipment performance. The gold recovery was lower than previous quarters due to the much higher quantity of fresh material in the mill feed.

The fresh material contains naturally occurring carbon which can interfere with the gold recovery process. Eliminating free cyanide in the grinding circuit and only adding cyanide to the slurry in the CIL is essential in order to achieve optimal recoveries. Reducing cyanide concentrations from recycled water to optimal levels required a change in reagents. We were previously using the standard INCO/SO<sub>2</sub> process (sodium metabisulfite and copper sulfate) but the results weren't consistent and reliable. To adjust, we are now detoxing with sodium hypochlorite (common bleach), but the logistics needed to obtain necessary quantities took some time to develop. Further mill optimization efforts to lower cyanide concentrations in the mill grinding circuit are planned in the months ahead to more effectively treat the increased quantity of fresh material feeding the mill.

In the meantime, we have developed robust sampling mechanisms and mining and stockpiling processes aimed at ensuring particularly problematic material is kept away from the mill. The high grade vein material does not exhibit as strong pre-robbing tendencies as the material from the hanging-wall and footwall, and to the extent possible we will be processing that material separately during the quarter with the plant optimized specifically for the high grade material.

In addition, a second carbon stripping vessel is scheduled for installation in the third quarter of 2022 which will further debottleneck the carbon stripping circuit.

All of the above mentioned improvements to the processing plant have helped the plant achieve processing rates of an average of 589 tpd in Q2 2022, with over 9,000 ounces of gold sold for the third consecutive quarter (see Table 1).

#### Qualified Person

John Rust, a metallurgical engineer and qualified person (as defined under NI 43-101) has read and approved the technical information contained in this press release. Mr. Rust is a senior metallurgist and a consultant to the Company.

On behalf of the Board,

Akiba Leisman  
Chief Executive Officer

## About Mako

[Mako Mining Corp.](#) is a publicly listed gold mining, development and exploration company. The Company operates the high-grade San Albino gold mine in Nueva Segovia, Nicaragua, which ranks as one of the highest-grade open pit gold mines globally. Mako's primary objective is to operate San Albino profitably and fund exploration of prospective targets on its district-scale land package.

**Forward-Looking Information:** Statements contained herein, other than historical fact, may be considered "forward-looking information" within the meaning of applicable securities laws. The forward-looking information contained herein is based on the Company's plans and certain expectations and assumptions, including that Q2, 2022 detailed operating costs and financial results will be available in August 2022; that the replenishment of spare parts and minor adjustments to the plant are expected to further improve mill availability for the first quarter of 2022 and beyond; that we expect to be running at or above nameplate capacity for the foreseeable future, and that we are optimistic that improvements in recoveries can be made thereafter; now that the gravity circuit is operating continuously it is expected to improve recoveries and reduce processing costs of the high-grade mineralization; the additional carbon stripping vessel is expected to increase stripping capacity in the elution circuit and be operational in Q3 2022; ;and that the Company can operate San Albino profitably in order to fund exploration of prospective targets on its district-scale land package. Such forward-looking information is subject to a variety of risks and uncertainties which could cause actual events or results to differ materially from those reflected in the forward-looking information, including, without limitation, the risk that the expected improvements noted will not be completed in the timeframes expected and/or will lead to the improvements expected; that the Company is not successful in operating San Albino profitably and/or funding its exploration of prospectus targets on its district-scale land package; political risks and uncertainties involving the Company's exploration properties; the inherent uncertainty of cost estimates and the potential for unexpected costs and expense; commodity price fluctuations and other risks and uncertainties as disclosed in the Company's public disclosure filings on SEDAR at [www.sedar.com](http://www.sedar.com). Such information contained herein represents management's best judgment as of the date hereof, based on information currently available and is included for the purposes of providing investors with the Company's expectations regarding the Company's Q2 2022 production results at San Albino gold project, and may not be appropriate for other purposes. Mako does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

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