Mining Matters

OCEANAGOLD WAIHI OPERATION

Issue #48 December 2023

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Holiday Period Closures and Availability

Welcome to the final edition of Mining Matters for 2023!

Our Project Information Office at 86 Seddon Street and Admin Office at 43 Moresby Ave will be closed from Friday the 22nd of December, reopening Monday the 8th of January.

The January edition of Mining Matters is scheduled for the week beginning the 15th of January.

There will be no blasting of any type on Sundays or public holidays.

Our Community Engagement line will still be active throughout the holidays for any queries or concerns, so please feel free to get in touch on 0800 924 444.

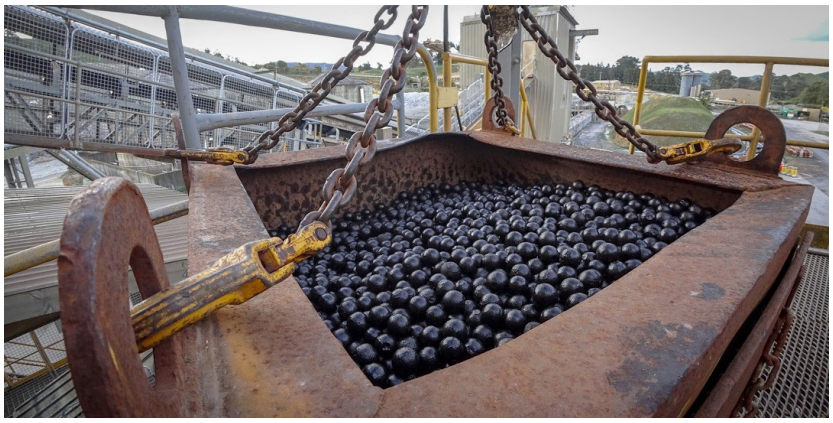
From everyone here at the OceanaGold Waihi operation, we wish you a safe and happy holidays.

How is Gold Bearing Ore Prepared for Processing?

Once gold bearing ore is found and extracted, it still needs to be prepared for processing to then separate out the precious metals.

Ore processing is a 24-hour operation. A front-end loader feeds ore from a stockpile near the processing plant into a hopper. The ore falls down onto a conveyor belt and is fed into the Semi-Autogenous Grinding Mill (or SAG Mill for short) along with water, lime, and hardened steel balls.

The SAG Mill is a large revolving drum. Rock is ground to a fine powder by both the turning of the drum and impacts from the hardened steel balls and the rock itself. The hardened steel balls are like athletics shot puts in various sizes. They become quite small after a few weeks of tumbling.



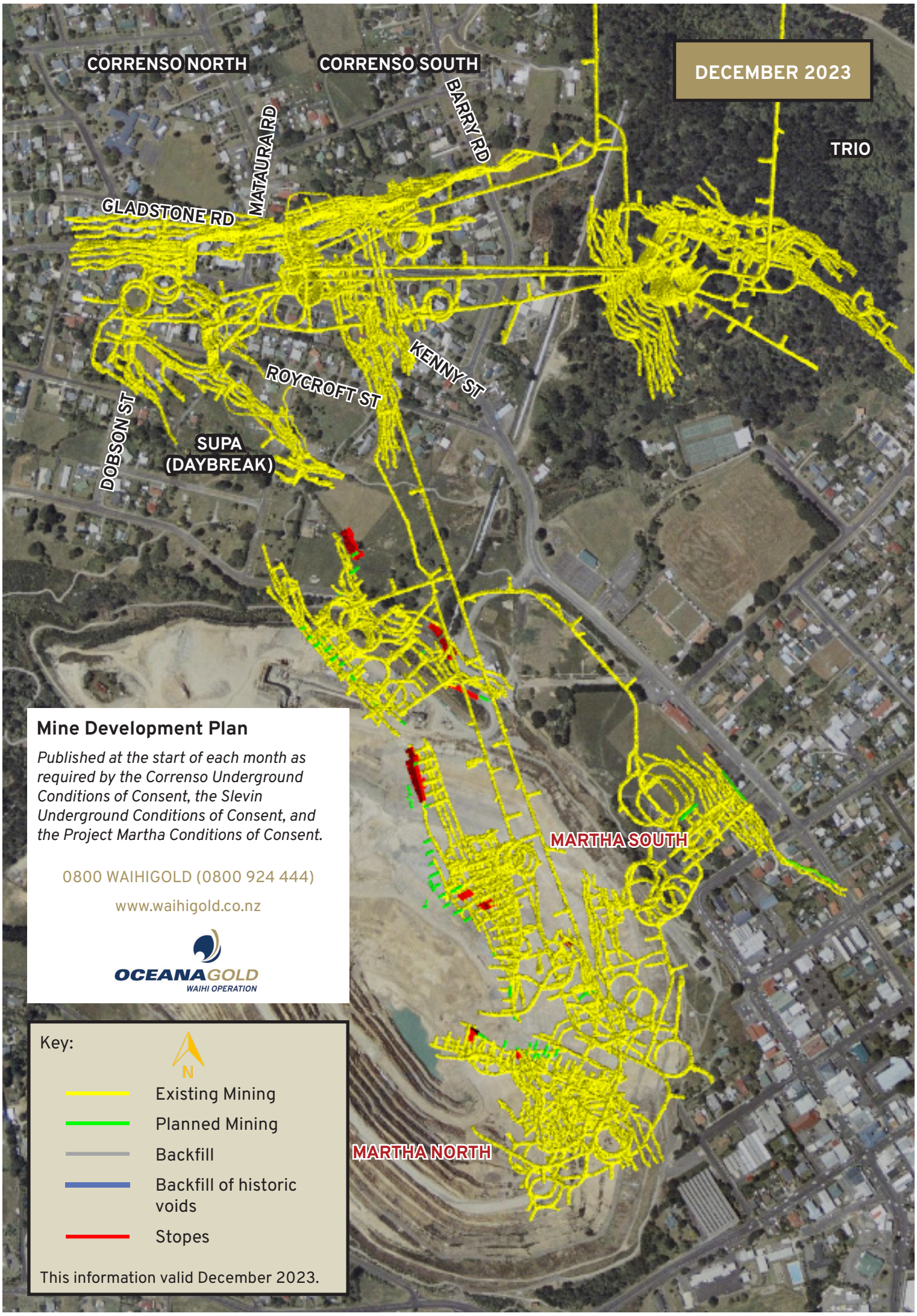
Hardened steel balls ready to be loaded into the SAG Mill.

A large sieve separates the oversize material and worn-down steel balls from the finer material. The oversize rock is returned to the SAG Mill for more processing, worn-down steel balls are removed from the circuit with a magnet, and the finely ground material is sent to hydrocyclones.

The SAG Mill in operation.

The hydrocyclones rapidly spin the ground rock to further separate and classify it into sizes. Larger particles are returned to either the SAG mill or the second ball mill for further grinding. Material that has been ground sufficiently small enough is sent through to the leach tanks to begin chemical extraction.

The slurry that remains after grinding is complete has a very fine particle size. The rock has been ground to the size of very fine beach sand. For comparison, a human hair is about 70 microns wide, and once grinding is complete, 80% of the ore particles are smaller than that.



Mine Development Plan

Published at the start of each month as required by the Correnso Underground Conditions of Consent, the Slevin Underground Conditions of Consent, and the Project Martha Conditions of Consent.

0800 WAIHIGOLD (0800 924 444)

www.waihigold.co.nz

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Key:

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- Existing Mining
- Planned Mining
- Backfill
- Backfill of historic voids
- Stopes

This information valid December 2023.