

OceanaGold UPDATE

26 October 2023



COMMUNITY OPINIONS ABOUT MINING

From now through until the end of the year, if you live in the Waihi area you may get a phone call on your land-line or mobile phone from a survey company called Phoenix Research, asking for your opinion on a few topics relating to mining.



Each year we get an independent survey company to ask people chosen at random how they think we are doing, what we can improve on, and how things are in Waihi in general. The surveyors aim to get a representative sampling of the area, in a similar proportion to the actual demographic make-up of Waihi. This approach is to ensure the fairest possible representation of the area's opinions.

Results from the survey form part of the Social Impact Management Plan (SIMP), which is required as part of our consent conditions.

The survey is anonymous.

OceanaGold gets a table of the results, but any identifying details are first removed, meaning we don't know who said what. How do survey companies get in touch? They call people in and around Waihi from listings with the numbers and the area in which the person lives.

We welcome your feedback and encourage you to participate if selected. A survey like this is an important chance for you to "have your say".



QUESTIONS & QUERIES

Ph: 0800 924 444, or get in touch via our website: waihigold.co.nz



REMNANT MINING IN THE MARTHA UNDERGROUND

Gold was first discovered at Pukewa (Martha Hill) in 1878. Between then, and the closure of the original Martha Mine in 1952, extensive surface and underground mining was undertaken at the site. The original mine extended to a depth of about 620 m.

Today, these extensive historical underground workings have implications for the design and mining methods used for modern underground mining. Due to the development of better mining technology, equipment, and methods over the 145 years since that first discovery, areas near 'remnant mining' which did not originally contain enough gold to be viable to mine, now are.

Of course, the interaction between historical and modern workings is a process that must be closely managed, and so we operate to an Underground Void Management Plan as part of our consent conditions. The objective of the Void Management Plan is to confirm the location and shape of old unfilled and filled mined voids, and to identify the risks and controls required to ensure ground surface stability. This approach ensures we can operate in a manner that is safe for both our employees and contractors and the areas above our operations when interacting with historical workings.

A three dimensional digital model of the historical workings, including stopes, drives, shafts, and other incidental historical mine workings is maintained by our survey department, and forms the basis for our ongoing planning and activities.

When encountering a void as part of our operations, several methods are used to first assess and

understand the new working environment. These will typically include Probe Drilling to confirm the specific location of historic voids, and then a Cavity Auto-scanning laser System (C-ALS) is employed to produce a three dimensional image of the void. The C-ALS also contains a camera to gain further information on the area. Ongoing visual monitoring of work areas is completed by senior mining personnel and several types of 'displacement instrumentation' are routinely used throughout our operations to monitor for and provide early indications of any ground movements. Preventative and mitigation actions for protecting the upper aquifer above our operations are also in place to ensure that there are no surface effects caused by de-watering.

More recently, drones have been used in the Martha Underground for inspection purposes. This allows staff to remotely assess ground conditions, estimate sizes and measure volumes, as well as assisting with the surveying and mapping of the area.

All stoping voids created by modern mining are backfilled following the extraction of the Ore. Selected historical voids near current works are also backfilled as required to maintain local and regional stability. The modern mining methods used at the Waihi operation do not leave voids, and therefore any significant collapse of newly created voids

leading to surface instability is not considered to be conceivable.

This is a condensed version of the key methods which allow us to safely operate and interact with the historic voids around the Martha area.

More information can be found online at:

www.waihigold.co.nz/operations/martha-underground-mine



View 'FLYING DRONES UNDERGROUND' at <https://bit.ly/48W0G18> or scan the QR code.



FLYING DRONES UNDERGROUND

Accessing the inaccessible

Martha Underground Mine
Waihi

INVESTING IN OUR HOST COMMUNITY

SPONSORSHIP APPLICATION FORM
www.waihigold.co.nz/sponsorship-donations



SPONSORSHIPS AND DONATIONS APPROVED IN THE PREVIOUS MONTH

Waihi Beach Community Events & Promotions - Waipaopao Summer Kick-off Festival stage hire	\$1,000.00
CanSurf - Running costs for camp	\$2,000.00
Go Waihi - Xmas at the Lake event running costs	\$1,500.00
Whiritoa Lifeguard Services Inc. - Marquee Hire for 50th anniversary celebration	\$1,500.00
TOTAL	\$6,000.00



IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE CONTACT US.

Community Engagement Line: 0800 924 444 | Email us via our website: www.waihigold.co.nz
Project Information Office: 86 Seddon St., Waihi.

NOTE: WE ARE NOT CURRENTLY BLASTING IN THE MARTHA OPEN PIT. CHANGES TO THIS WILL BE NOTIFIED.