# ceanaGold 30 May 2024

## WAIHI COLLEGE STUDENTS HEAD UNDERGROUND

OceanaGold's Mining Skills Development programme kicked off recently, with twelve students from Waihi College heading underground at our Waihi operation.

Students are given safety induction training before being taken to see what the underground environment looks like for themselves. On the trip, students hear from staff and contractors working underground, enabling them to consider the mine's various local employment

opportunities available in the future.

...If I worked in the mine, I would like to drive trucks... As part of the Mining Skills Development programme, OceanaGold also puts students through a first-aid course and an introduction to manual driving training. These courses are chosen to develop useful general skills that can be applied to future employment in either mining or in many

other industries.

After their visit, some of the comments from Waihi students included: "Ten out of ten trip, but I couldn't believe how hot it was". "If I worked in the mine, I would like to drive trucks", said another.

Today, over a quarter of our current 450+ workforce originally attended Waihi College, and we look forward to upskilling and encouraging our future local workforce too.

TAILINGS IMPOUNDMENTS AT WAIHI

At Waihi we currently operate and manage two tailings impoundments: TSF 1A and TSF 2. TSF 1A is currently in operation, and TSF 2 stopped receiving tailings in 2005. Both impoundments were built in accordance with internationally recognised standards.

Once constructed, ongoing, independently verified monitoring of water quality, structural integrity, and other operational elements are conducted throughout the life of an impoundment.

While Waihi is an area of historically low seismic activity, the Waihi impoundments are still designed to withstand significant seismic events, including earthquake ground motions with a 1 in 10,000-year 'return period' (or a 0.01% probability of happening in a given year).

The embankments have been designed to resist the effects of earthquake shaking from what is known as the Maximum Credible Earthquake (MCE), based on a seismic

hazard study of the site in accordance with international guidelines. The MCE has been conservatively assessed to be a magnitude seven earthquake at a distance of nine kilometres from the site.

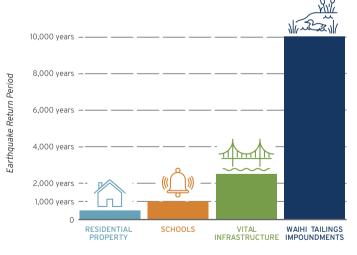
To put this in context, standard buildings, such as residential houses, are designed for 1 in 500-year events. Structures that can accommodate large numbers of people, such as schools, are designed for 1 in 1,000-year events. Structures with special emergency and post-disaster functions (e.g., hospitals, fire, and police stations) and vital infrastructure (e.g., state highway bridges) are designed for 1 in 2,500-year events.



#### CONSTRUCTION STANDARDS FOR EARTHQUAKE 'RETURN PERIODS'

OCEANAGOLD

AIHI OPERATION



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

## **INVESTING IN OUR HOST COMMUNITY**

SPONSORSHIPS AND DONATIONS APPROVED IN THE **PREVIOUS MONTH** 

AusIMM

Conference costs

\$5,000.00

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

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

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