

*Latest News***OceanaGold delists from NZX**

On 28 November OceanaGold announced that the company would be delisting from the New Zealand Stock Exchange (NZX) effective from 30 December. In making this announcement Mick Wilkes, President and CEO of OceanaGold, stressed that this was to simplify listing structures. He commented that the company is proud of its 26-year track record in New Zealand and that the New Zealand operations would continue to play a vital part in the company's future.

'Our operations in New Zealand are an important component of our overall global business and our valued New Zealand workforce represent some of the most talented employees in the mining sector anywhere in the world. The breadth of experience we have from our New Zealand workforce has laid the foundation for the company's technical, social, and environmental achievements.'

SUPA Community Meeting

As required by the consent conditions, the first SUPA Community Meeting was held on November 21. Three members of the public attended. As there was no mining to report on, and no environmental results, the meeting was quite short. The consent conditions and complaints procedure were explained. The next meeting is planned for March and will be held as part of the Correnso Community Meeting.

Blast Vibration Workshop

Underground manager Charlie Gawith explaining how blasts are designed and initiated. Jon Styles, acoustic and vibration consultant from Styles Group in Auckland and consulting engineer John Crabtree also presented at the workshop.

Eighteen members of the public attended the Blast Vibration Workshop held on Monday 21 November. The workshops featured the same presenters from the events in March and July last year.

Two independent experts provided information on vibration. Jon Styles from the Styles Group in Auckland presented information on what vibration is, how it is measured and how people perceive it. He also addressed the issue of how we can be sure that levels of vibration generated by Correnso will not damage residential property. Jon also discussed the differences between blast vibration and an earthquake, particularly topical given recent events further south.



Consulting engineer John Crabtree explained the various loads on structures such as residential properties. He detailed the effects of factors such as wind, temperature and ground movement due to seasonal moisture content.

OceanaGold Waihi underground manager Charlie Gawith explained consent conditions relating to vibration and how these conditions were put into practice.

A summary of some of the material presented can be found on Page Two:

Contact us:

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Blast Vibration Workshop

(from Page One)

Vibration frequencies

- People notice vibration at higher frequencies
- Buildings are more responsive to movement at lower frequencies (like earthquakes)
- Correnso and SUPA blast vibration is high frequency
- You may feel or hear Correnso or SUPA blast vibration, but it is not at a level that can cause cosmetic or structural damage to buildings

How can you be sure that the levels of vibration generated by blasting at Correnso or SUPA will not damage residential property?

- Low limits of blast vibration permitted relative to international standards
- Monitoring of blasts at several locations
- Frequency of blast vibration is high

Why does blast vibration often feel more obvious inside?

- Little noise associated with vibration outside
- Quieter inside, less 'masking noise'
- Higher frequency vibration is often perceived as reradiated noise (e.g. rattles)
- Badly fixed, loose, or missing piles can magnify effects of vibration



Moresby Avenue office hours over the holiday period

Our Moresby Avenue Administration Office will be closed at the end of the day on Friday 23 December and will reopen on Wednesday 4 January. The Community Engagement Line 0800 WAIHIGOLD will be available 24 hours a day throughout the holiday period.

January 2017 East Ender

As the beginning of January is a statutory holiday the January edition of the *East Ender* will be a few days later than usual.

Martha North Wall

Work has begun on 'unloading' the top of the Martha North Wall. This work involves moving fences, removing trees, and building a noise bund from the existing topsoil. Once constructed, the bund will be grassed and planted. When the underlying rock is exposed, work will begin on removing this. The noise bund is expected to take three to four weeks to complete.

We are required to adhere to existing consent conditions relating to noise, dust and vibration. The intention is to work within the hours of 7.00am to 7.00pm.



Gravity surveys underway

Gravity surveys as described in the November *East Ender* are currently underway in Waihi East. These surveys provide a better understanding of what is underground. We are also conducting similar surveys in Waihi West, as well as CSAMT surveys which were explained in the November *Update*.



left:
A Gravimeter
used to measure
minute variations
in gravity

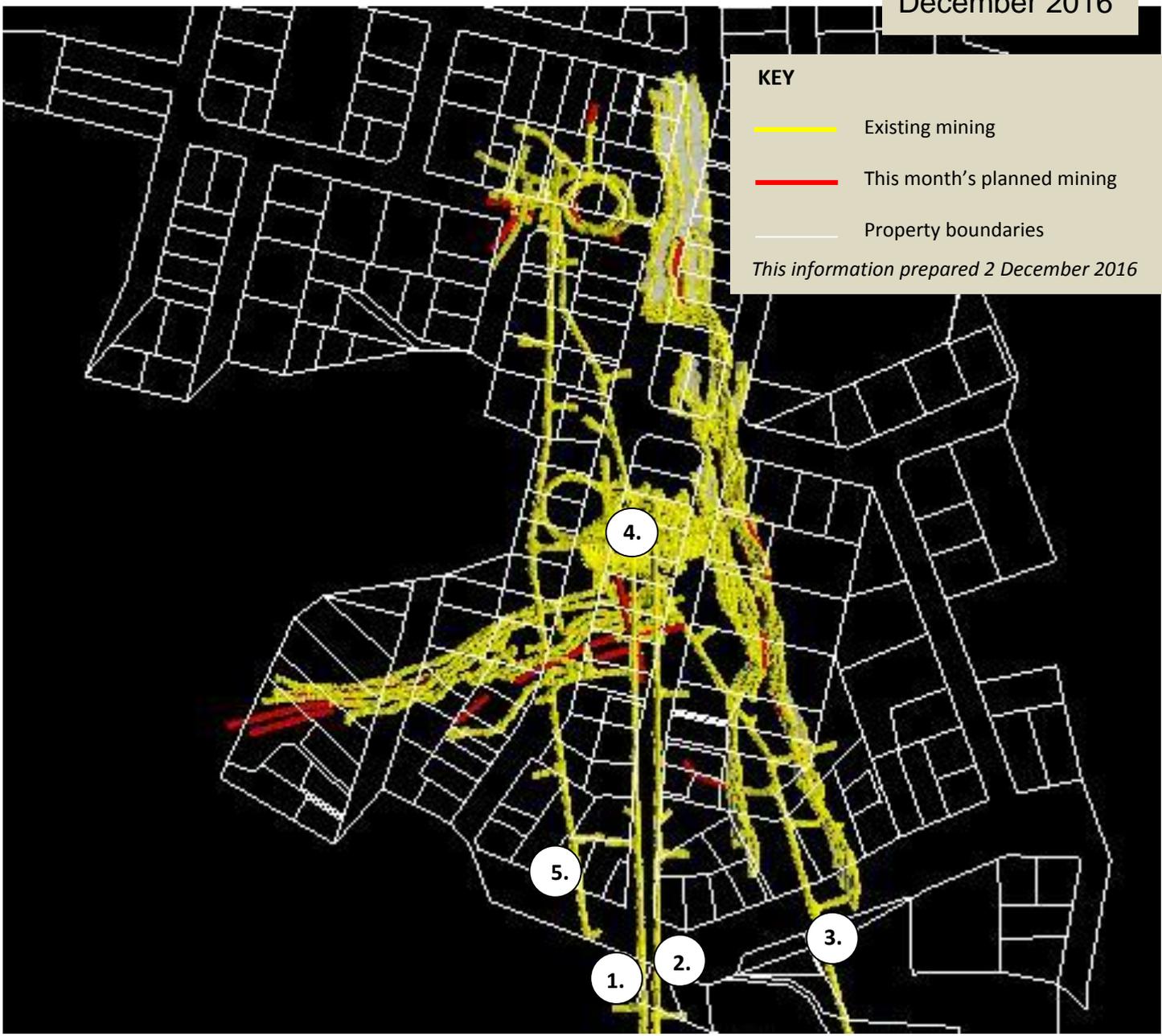
The adventure playground at Waihi East school funded by the Streets Ahead programme is getting lots of use. So is the school playground equipment in this photo from 1900. How things have changed!



KEY

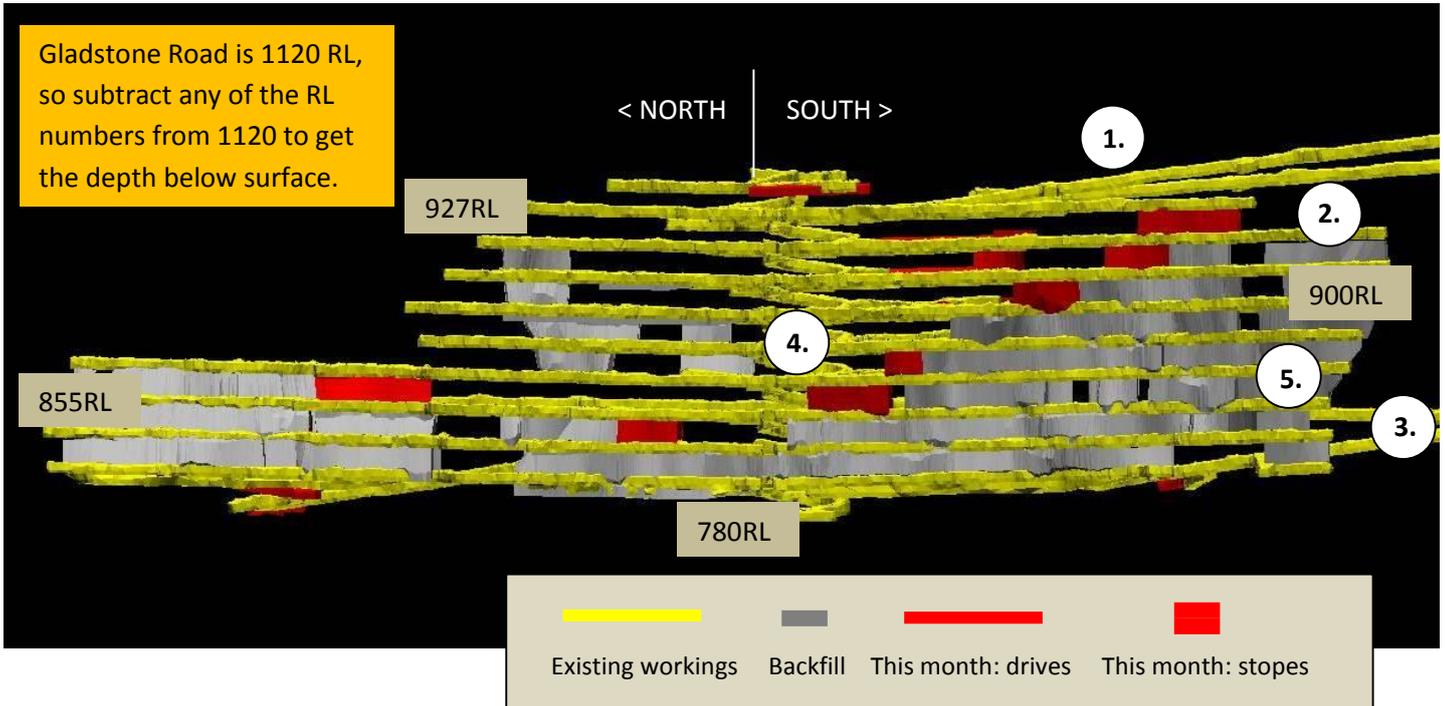
- Existing mining
- This month's planned mining
- Property boundaries

This information prepared 2 December 2016



Gladstone Road is 1120 RL, so subtract any of the RL numbers from 1120 to get the depth below surface.

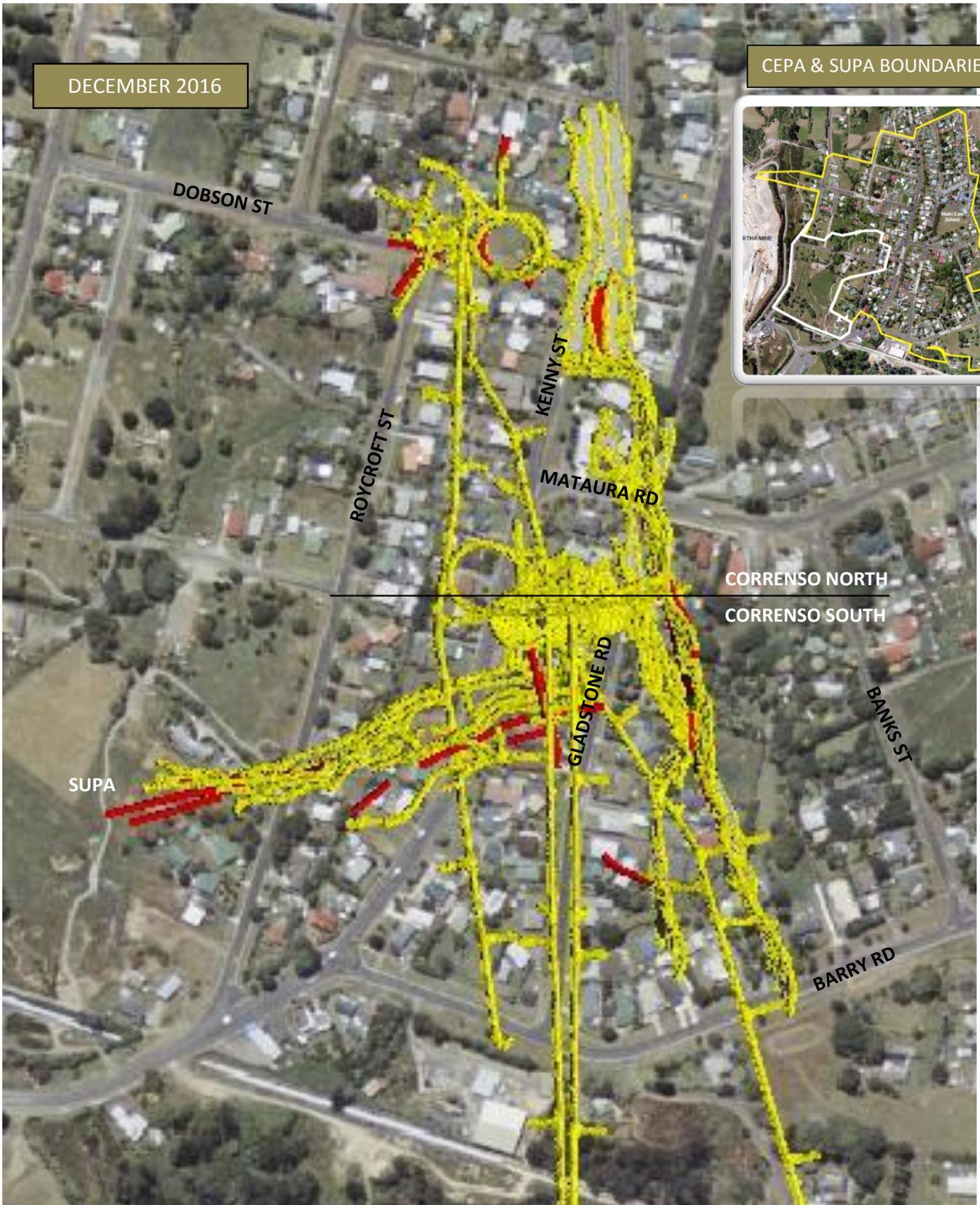
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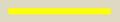
- Existing workings
- Backfill
- This month: drives
- This month: stopes

DECEMBER 2016

CEPA & SUPA BOUNDARIES



KEY

-  CEPA Area
-  SUPA Area
-  Existing mining
-  Planned mining for this month

This information prepared 2 December 2016

Mine Development Plan

Published at the start of each month as required by Condition 22a of the Correnso Underground Conditions of Consent and Condition 14a of the Slevin Underground Conditions of Consent.

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