



Union Hill Heritage Feature Monitoring Report

February 2023

WAI-200-REP-008

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APPROVALS

OGC Designation	Name	Signature	Date
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1 SUMMARY

- Trio mining activity has been in abeyance since 28 Feb 2020. As such, no visual inspections, surveys, or condition reports have been conducted or generated.
- The Union Hill Heritage Features Monitoring Plan will reactivate if Trio production blasting is reinitiated, a blast-related 10mm/s at the Vent Shaft monitor occurs, or a blast-related extensometer trigger occurs.

2 BACKGROUND

Heritage feature monitoring of the CN Tanks and Ore Kilns is required in accordance with the Heritage Items Monitoring Plan and Condition 19 of Resource Consent RC-15774. It is also a requirement of Correnso Land Use Consent 202.2012, should modelled vibration levels be greater than 5mm/s within 20m of the Union Hill Cyanide Tanks or Ore Roasting Kilns.

Production blasting in the Trio area has been in abeyance since 28 February 2020. As such, the Union Hill Heritage Features Monitoring Plan has been deactivated, unless blasting in Trio recommences.

Extensometer monitoring is to continue until such a time HDC is satisfied that Correnso mining operations are not having an adverse effect on the heritage items.

3 BLAST RESULTS

No blasting has occurred in the Trio area during the reporting period.

Vibration monitors were unable to be calibrated during the first half of 2022 due to the Covid-19 pandemic limiting travel and freight between New Zealand and Australia, where the monitors are calibrated annually. Calibrated monitors from the Trio monitoring network were therefore removed to ensure calibrated monitors in active mining areas were in place.

Only 19 blasts were undertaken in Correnso during 2022, with the majority occurring while monitors were not in place. The highest level of vibration recorded on the Correnso monitoring network during 2022 was 4.17 mm/s, recorded at the Main South monitor on 28 January 2022. A historical comparison of Correnso and Trio data suggests this blast, and all other blasts undertaken in Correnso during the period would not have caused any trigger exceedances of Trio vibration monitors, accelerometers or extensometers.

There are no further results from monitors for vibration, accelerometers or extensometers to report.

During 2023 OceanaGold Waihi is preparing an updated Union Hill Heritage Features Monitoring Plan to authorise the cessation of monitoring in the Union Hill area, given the abeyance of mining in Correnso.