





# Union Hill Heritage Feature Monitoring Report 2020

WAI-200-REP-008-000

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## APPROVALS

| OGC Designation              | Name           | Signature  | Date       |
|------------------------------|----------------|--|------------|
| Senior Environmental Advisor | Russell Squire |  | 24/02/2021 |
| HSE Manager                  | Dan Calderwood |  | 24/02/2021 |

## 1 Summary

- Production blasting in the Trio mine area was completed 27 February 2020. Mining in Trio is now again in abeyance.
- The monitoring results to 27 February 2020 (the cessation of production blasting) were reported in the 2019 Union Hill Feature Monitoring Report.
- No vibration monitors in the Trio area have been triggered since 27 February 2020.
- No Extensometer has been triggered.
- No visual inspections, surveys or condition reports were generated as there was no production blast activity.
- 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.

The Union Hill Heritage Features Monitoring Plan was reactivated during 2019 when Trio production blasting recommenced in October of that year. With the production blasting again in abeyance from 28 February 2020, annual reporting was deferred until after that date to capture all blast data for the programme. It is proposed that the Monitoring Plan be deactivated again, 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 Trio blast results

No Blasting has occurred in the Trio area, and hence no Trio vibration monitors have been triggered in relation to Trio blasting since 27 February 2020. There are no data results from monitors for vibration, accelerometer or extensometer to report.