



Vibration Summary Report

Second Quarter 2026

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Summary

- Results from the Envirohub vibration monitoring system for the second quarter of 2026 are reported for the Favona, Trio, Correnso, SUPA, Project Martha Underground Mines, and the Willows Access Tunnel.
- Development and production blasting continued in the Martha Underground component of Project Martha. Only nine blasts were completed in Correnso this quarter. Mining in Favona and Trio has ceased. Blasting commenced for the Willows Access Tunnel.
- Compliance for Project Martha/SUPA blasting was achieved during the quarter. The maximum vibration recorded was 5.64 mm/s at the Central School monitor.
- Compliance for Correnso blasting was achieved during the quarter. The maximum vibration recorded was 2.09 mm/s at the Main Central monitor.
- Compliance for Willows Access Tunnel blasting was achieved during the quarter. The two compliance monitors did not record any vibration (0.5mm/s trigger).
- During the quarter, there were two high-level blast events (>5 mm/s).
- The total number of blasts (923) was higher than the previous quarter (882). The number of blast events (180) was also higher than the previous quarter (134).
- Three vibration-related complaints were received during the reporting period, which is one more than the previous quarter (2).

1. Introduction

This report documents vibration measurements and assessments to meet the requirements of:

- a) HDC Land Use Consent 85.050.326E (Condition 24) for the Favona Underground Mine.
- b) HDC Land Use Consent RC - 15774 (Condition 9) for the Trio Underground Mine Project.
- c) HDC Land Use Consent RC – 202.2012 (Condition 22 (f)) for the Correnso Underground Mine¹.
- d) HDC Land Use Consent RC – 202.2016 (Condition 14 (f)) for the Slevin Underground Mine (SUPA).
- e) HDC Land Use Consent LUC – 202.2018.557 (Condition 53) for Project Martha. (Note: RC – 202.2017 (Condition 18 (f)) for the Martha Drill Drive Project (MDDP) has been subsumed by Project Martha.)
- f) HDC Land Use Consent Appendix B2 (Condition 48) for the Waihi North Project

As agreed between OceanaGold and HDC these reports summarise vibration results and general performance of the monitoring system over calendar quarters rather than the dates set out in the consents.

2. Equipment

“Envirohub™”, the vibration monitoring system, has been used for reporting purposes, providing real-time monitoring, recording and review of results on a website. Access to the website is controlled, with permissions for review provided to HDC staff and OceanaGold users. The system is currently set with trigger levels at 0.75 mm/s for Correnso and Martha, and 0.5 mm/s for the Willows Access Tunnel.

The Project Martha vibration monitoring network comprises 13 monitors (two monitors are shared with the Correnso network). Blasts fired during the period (highlighted in red) and the monitor locations are shown in Figure 1. SUPA utilises some monitors from the Correnso network and some from the Project Martha network, with the data incorporated into a database shared with Project Martha.

¹ This consent has expired but a two-year continuance was granted

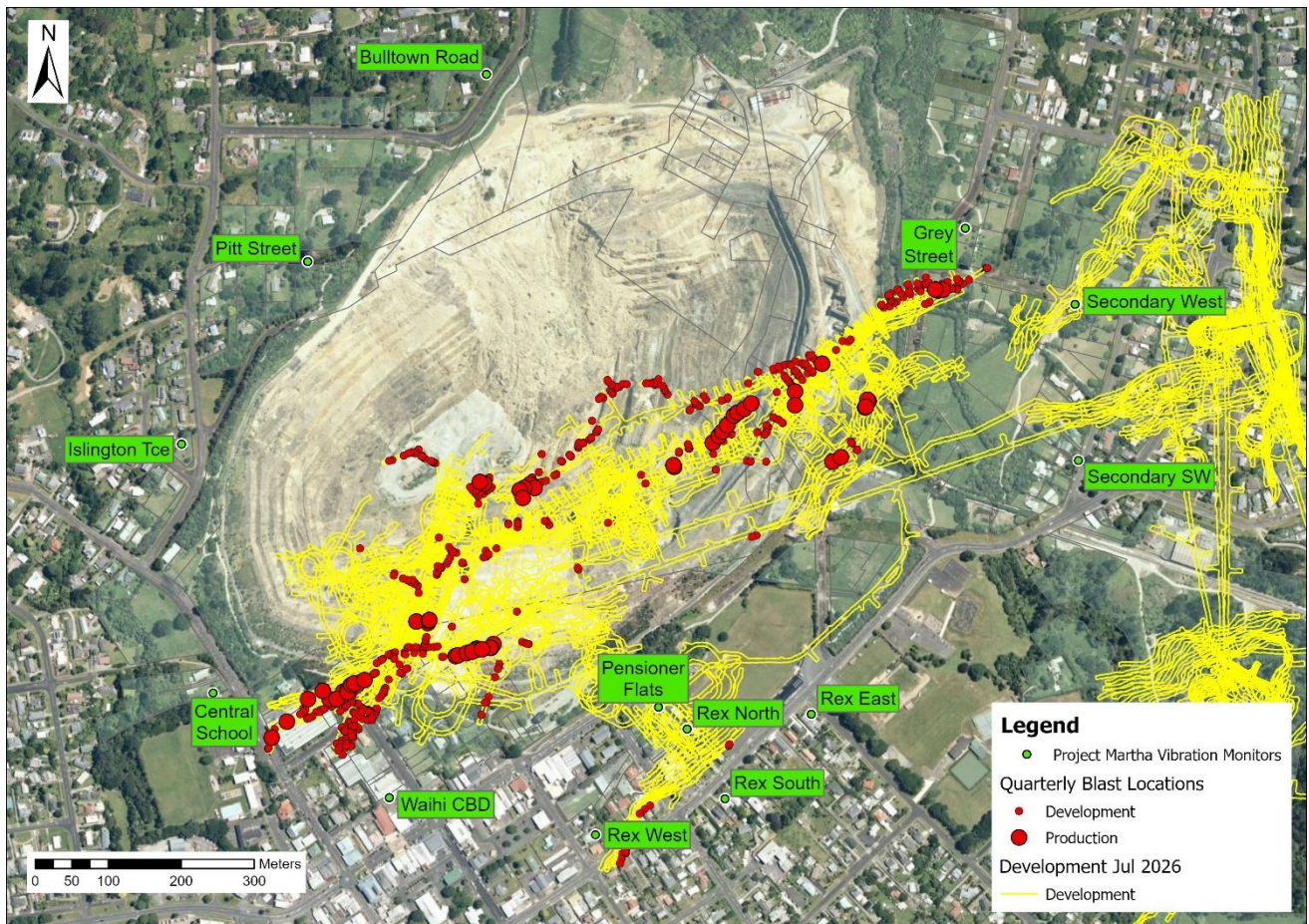


Figure 1. Vibration Monitor & Blast Locations – Project Martha / SUPA

The Trio Underground Operations has five compliance monitoring locations. As there is currently no mining being undertaken in the Trio Project area, vibration monitors are not installed. The infrastructure remains so monitors can be reinstalled should mining recommence in Trio.

The Correnso Underground monitoring network comprises seven permanent vibration monitors (previously 10). Approval from HDC was obtained to discontinue monitoring at three locations within the Correnso network in 2022. Blasts fired during the period (highlighted in red) and the monitor locations are shown in Figure 2.

The Willows Access Tunnel monitoring network comprises six temporary vibration monitors. Two compliance monitors are located at the nearest residences on Corbett Rd² and Highland Rd. The other four monitors are located at the box cut and above the tunnel alignment. Data from these monitors will be used to model the effects of vibration from tunnelling beneath the Coromandel Forest Park.

² Proxy location used

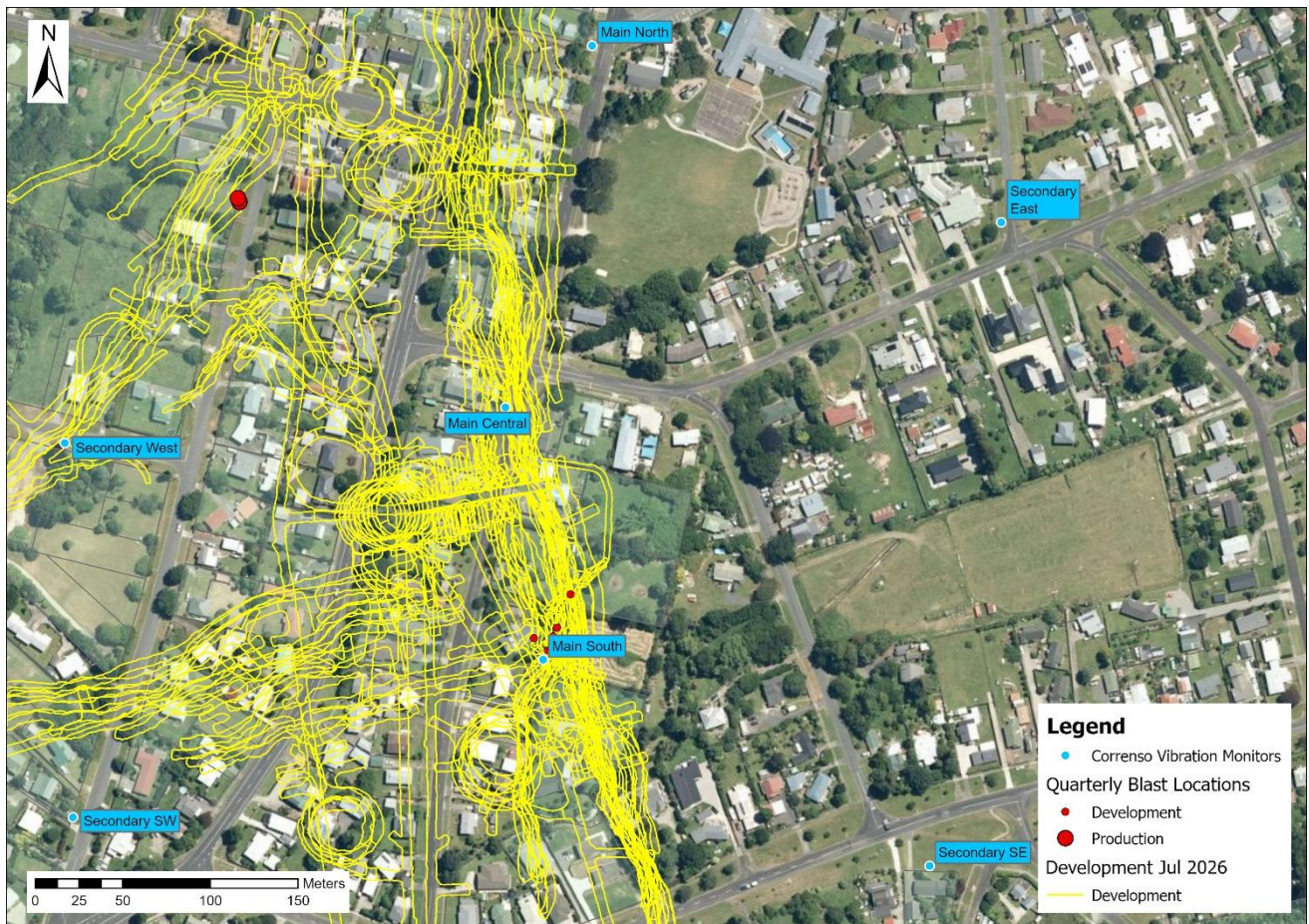


Figure 2. Vibration Monitor & Blast Locations – Correnso

3. Calibration

Annual calibration of monitoring equipment, including the roving monitors, is completed on a rolling schedule as not all monitors can be removed for calibration at once. Calibrations commenced in Q2 2026 and will continue in Q3 2026. The calibrations are undertaken by the Saros Group Pty Ltd in Queensland and conducted in accordance with AS/NZS ISO9000-2000 and AS ISO/IEC17025-2005 quality standards.

4. Compliance Assessment

Table 1 sets out the consented compliance limits for blast magnitude (peak particle velocity - vector sum) for Correnso, Martha, and the Willows Access Tunnel, and the corresponding vibration results, reported as of the last day of the quarter (30 June 2026). Compliance with all limits was met throughout the quarter.

Table 1. Compliance Assessment for Correnso, Martha /SUPA, and Willows Access Tunnel Q2 2026

	Consented Compliance Limit	Q2 Results - Correnso	Q2 Results - Martha	Q2 Results - Willows Access Tunnel
Development 95%	5 mm/s	0.75 mm/s	2.13 mm/s	0.5 mm/s
Development Average	2 mm/s	0.75 mm/s	0.73 mm/s	0.5 mm/s
Production 95%	5 mm/s	1.88 mm/s	3.71 mm/s	No blasts
Production Average	3 mm/s	1.27 mm/s	1.31 mm/s	No blasts
Maintenance/Safety	1 mm/s	No blasts	No blasts	No blasts

Notes:

1. Correnso and Martha results are calculated over a six-month rolling period
2. Waihi North Project results are calculated over the previous 100 blasts
3. All data is presented as at the end of the quarter

4.1 Martha Underground/SUPA

138 blast events occurred in Martha Underground during the reporting period (cf. 130 in the previous quarter), with 68 events triggering compliance monitors.

Of the 881 individual blasts during the period:

- 823 were development blasts
- 58 were production blasts

The peak vibration levels for Martha Underground Operations (both production and development) during the quarter are shown in Figure 3 below.

Development:

- The highest six-month average³ for development blasting at a compliance monitor was assessed as 0.73 mm/s at the Rex West monitor, below the consent limit average of 2 mm/s.
- The development six month rolling 95 percentile¹ for all locations was assessed as 2.13 mm/s, below the 5mm/s limit.

Production:

- The highest six-month average³ for production blasting at a compliance monitor was assessed as 1.31 mm/s at the Central School monitor, below the consent limit average of 3 mm/s.
- The production six-month rolling 95 percentile¹ for all locations was assessed as 3.71 mm/s, below the 5 mm/s limit.

Two Martha Underground blast events recorded vibration above 5 mm/s during the period:

- Central School monitor recorded 5.64 mm/s on 2 June
- Grey St monitor recorded 5.47 mm/s on 22 June

These results were investigated and attributed to productions blast. Letter reports were provided to Council within 5 working days.

Eight blasts were fired outside of the preferred time windows specified in the Vibration Management Plan during the quarter. No maintenance/safety blasts were required in Martha Underground during the period and there were no blasts on Sundays or public holidays.

³ Data is presented as at the end of the quarter

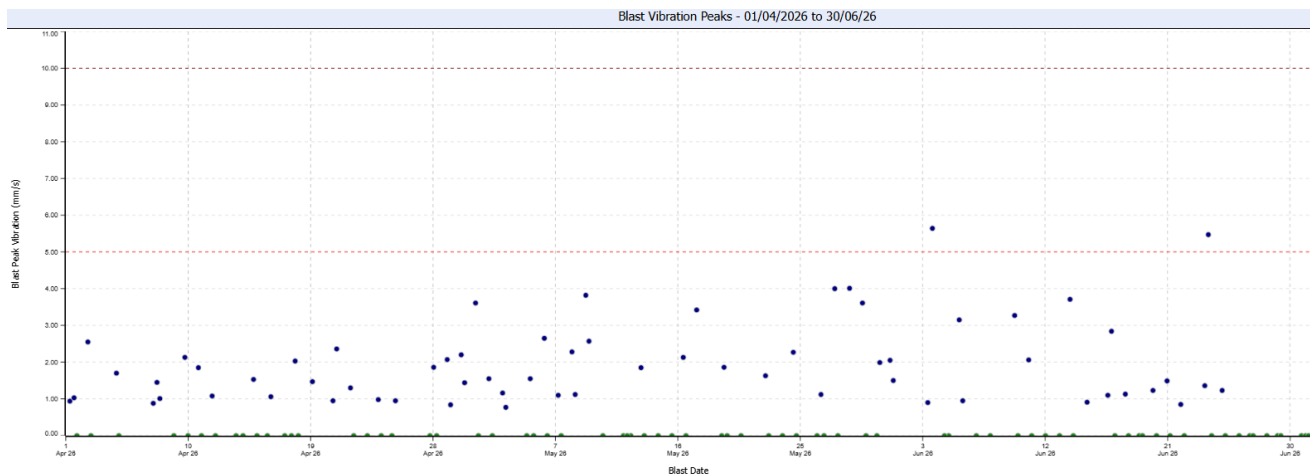


Figure 3. Maximum Peak Vibration Levels (Production and Development) – Martha Underground/SUPA

4.2 Underground (Favona & Trio) Operations

Mining plans for Trio were exhausted in the first quarter of 2020, and no blasting occurred during the reporting period. No blasting was undertaken within Favona during the reporting period.

4.3 Correnso

Nine blast events occurred in Correnso during the reporting period (cf. 4 in the previous quarter), with 2 events triggering compliance monitors.

Of the 9 individual blasts during the period:

- 7 were development blasts
- 2 were production blasts

Development:

- The highest six-month average⁴ for development blasting at a compliance monitor was assessed as 0.75 mm/s at the Main Central monitor, below the consent limit average of 2 mm/s.
- The development six month rolling 95 percentile¹ for all locations was assessed as 0.75 mm/s, below the 5mm/s limit.

Production:

- The highest six-month average⁴ for production blasting at a compliance monitor was assessed as 1.27 mm/s at the Main Central monitor, below the consent limit average of 2 mm/s.
- The development six month rolling 95 percentile¹ for all locations was assessed as 1.88 mm/s, below the 5mm/s limit.
- No Correnso blast events recorded vibration levels above 5 mm/s during the period.
- One blast was fired outside of the preferred time windows specified in the Vibration Management Plan during the quarter. No maintenance/safety blasts were required in Correnso during the period and there were no blasts on Sundays or public holidays.

4.4 Willows Access Tunnel

Blasting commenced on 8 May, with a total of 68 development blasts at the end of the quarter. Vibration monitors were installed at the two nearest residents⁵, which are both approximately 1 km from the portal. Neither monitor recorded any vibration above the trigger level of 0.5 mm/s.

⁴ Data is presented as at the end of the quarter

⁵ One monitor was installed at a representative location, as the resident did not give permission to place it on their property.

OGNZL proposes that both of these monitors can now be removed, for the following reasons:

- One of the properties has been vacated and is being purchased by OGNZL
- Tunnelling has progressed to 250m and is heading away from the residents
- Neither monitor has recorded any vibration above the trigger level of 0.5 mm/s

Vibration monitoring will continue above the tunnel alignment to inform vibration levels for blasting beneath the Coromandel Forest park.

5. Blasting

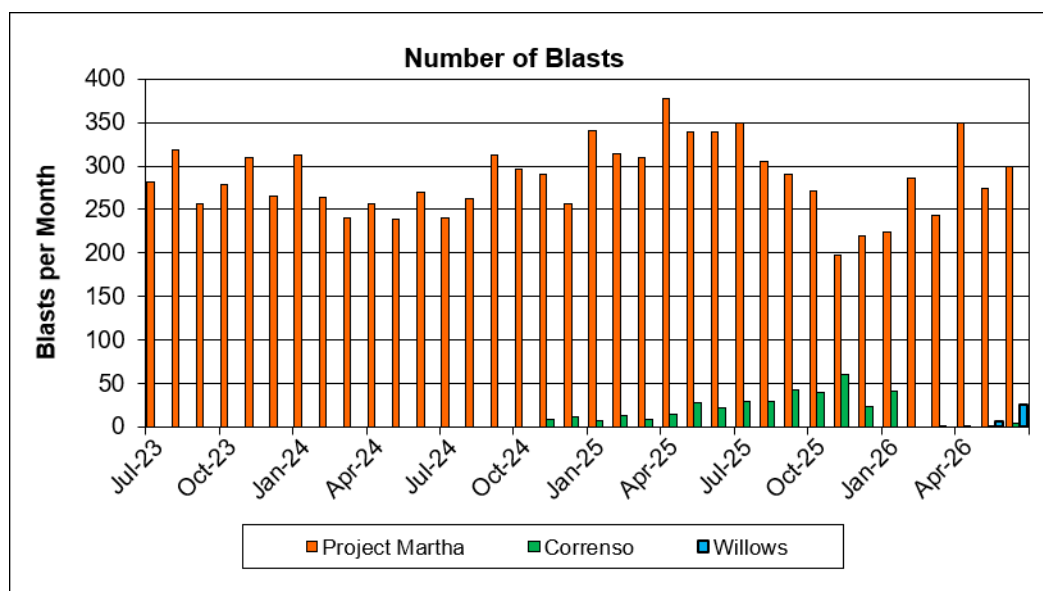
The 215 blast events during this period is an increase in blast events compared to the previous quarters (Table 2). This was primarily due to the commencement of blasting at Willows.

Table 2. Quarterly Blast Events

Operation	Q3 2025	Q4 2025	Q1 2026	Q2 2026
Martha Underground/SUPA	137	119	130	138
Underground (Trio)	0	0	0	0
Correnso	78	67	4	9
Willows Access Tunnel	0	0	0	33
Total	215	186	134	180

**Some blasts have in the past occurred simultaneously with blasting in other operational areas and do not contribute to the total number of blast events. Trio and Correnso events would only contribute to the total when they are independent of Martha Underground.*

Multiple blasts are often fired during the one blast event. There were 958 sub-blasts initiated within the 180 blast events during the reporting period (Figure 4).



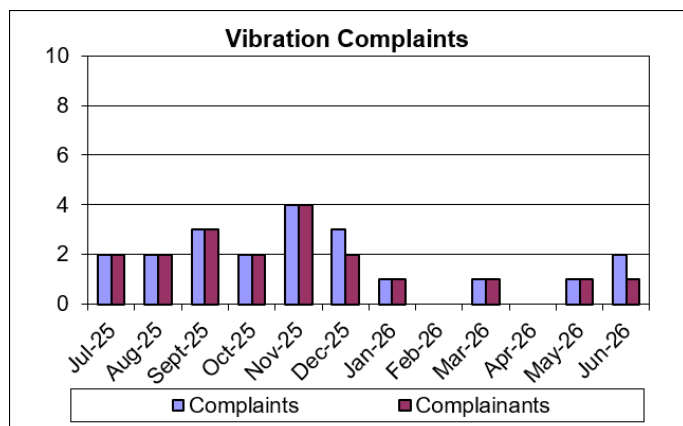


Figure 6. Number of Complaints & Complainants

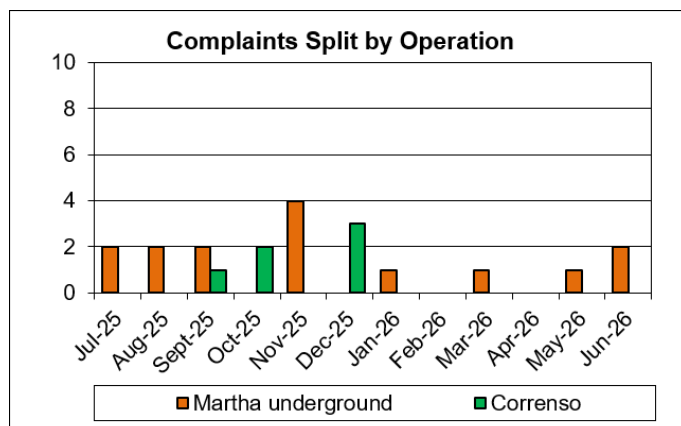


Figure 7. Complaints by Operation

7. Vibration and Complaint Management

7.1 Roving Monitoring

No roving monitoring was conducted in response to complaints or at the request of concerned residents during the quarter.

7.2 Mitigation Actions

Mitigation actions implemented following the two high-level blasts in June, were as follows:

- Identification of voids to be completed during drilling and prepping stages. If voids are identified, they are to be treated before charging to prevent sympathetic detonation.
- Charge weights and critical collar distances to be adjusted to prevent sympathetic detonation from in-hole interaction through a deck (multiple decks used per hole) or emulsion interaction at the collar due to tight collar positions at the top.