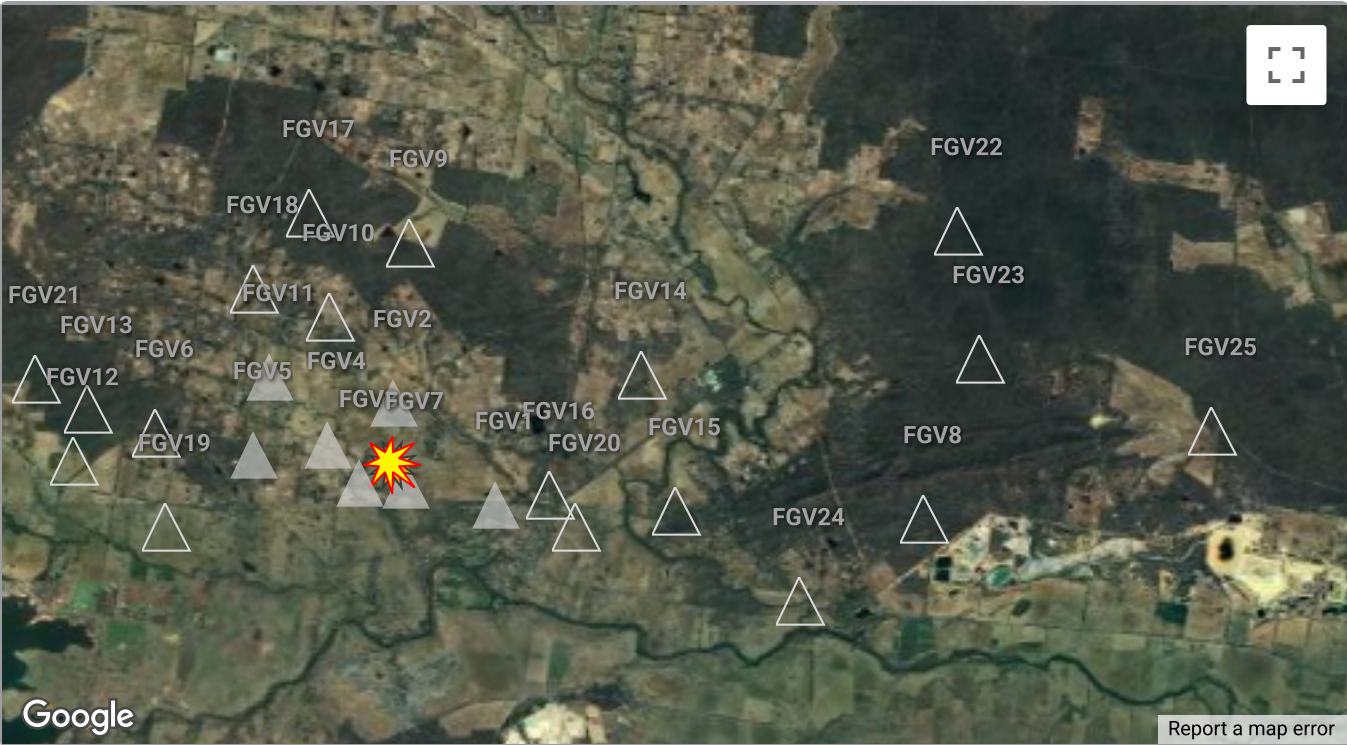


# Ground Vibration Report

## Summary

|                        |                              |
|------------------------|------------------------------|
| Event Type             | Production Blast             |
| Magnitude              | N/A                          |
| Event Date             | 2026/03/04                   |
| Event Time             | 18:30:02 Australia/Melbourne |
| Location               | Harrier 4310 NFW 4970        |
| Distance Below Surface | ~835 m                       |
| Notes                  | -                            |



## PPV Measurements

| Site ID | X Component |           | Y Component |           | Z Component |           | Vector |
|---------|-------------|-----------|-------------|-----------|-------------|-----------|--------|
|         | PPV (mm/s)  | Freq (Hz) | PPV (mm/s)  | Freq (Hz) | PPV (mm/s)  | Freq (Hz) |        |
| FGV7    | 0.31        | 26        | 0.45        | 30.7      | 0.24        | 31.8      | 0.51   |
| FGV4    | 0.36        | 75.1      | 0.35        | 72.4      | 0.40        | 64.5      | 0.46   |
| FGV2    | 0.25        | 47.5      | 0.31        | 40.7      | 0.25        | 83.5      | 0.31   |
| FGV5    | 0.25        | 40.6      | < 0.20      | 27.1      | < 0.20      | 44.5      | 0.28   |
| FGV3    | 0.23        | 24        | 0.21        | 21.8      | 0.24        | 32.0      | 0.27   |
| FGV11   | < 0.20      | 32.1      | < 0.20      | 37.6      | < 0.20      | 35.4      | < 0.20 |
| FGV1    | < 0.20      | 22        | < 0.20      | 27.0      | < 0.20      | 39.9      | < 0.20 |
| FGV6    | -           | -         | -           | -         | -           | -         | -      |
| FGV8    | -           | -         | -           | -         | -           | -         | -      |
| FGV9    | -           | -         | -           | -         | -           | -         | -      |
| FGV10   | -           | -         | -           | -         | -           | -         | -      |
| FGV12   | -           | -         | -           | -         | -           | -         | -      |
| FGV13   | -           | -         | -           | -         | -           | -         | -      |
| FGV14   | -           | -         | -           | -         | -           | -         | -      |
| FGV15   | -           | -         | -           | -         | -           | -         | -      |
| FGV16   | -           | -         | -           | -         | -           | -         | -      |
| FGV17   | -           | -         | -           | -         | -           | -         | -      |
| FGV18   | -           | -         | -           | -         | -           | -         | -      |
| FGV19   | -           | -         | -           | -         | -           | -         | -      |
| FGV20   | -           | -         | -           | -         | -           | -         | -      |
| FGV21   | -           | -         | -           | -         | -           | -         | -      |
| FGV22   | -           | -         | -           | -         | -           | -         | -      |
| FGV23   | -           | -         | -           | -         | -           | -         | -      |
| FGV24   | -           | -         | -           | -         | -           | -         | -      |
| FGV25   | -           | -         | -           | -         | -           | -         | -      |

Per-component Peak Particle Velocities (PPV) vs. Zero Crossing Frequencies.  
Line indicates cosmetic damage guidelines  
(residential buildings, Fig. J4.4.2.1, AS 2187.2:2006).

Legend: Below detection threshold Below 15 mm/s Above 15 mm/s Above damage curve

