

Ground Vibration Report

Summary

|                        |                              |
|------------------------|------------------------------|
| Event Type             | Production Blast             |
| Magnitude              | N/A                          |
| Event Date             | 2026/07/17                   |
| Event Time             | 18:40:02 Australia/Melbourne |
| Location               | Phoenix 3740 LPH 5850        |
| Distance Below Surface | ~1410 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) |        |
| FGV1    | 0.21        | 25.2      | 0.32        | 28.4      | 0.21        | 42.4      | 0.34   |
| FGV2    | < 0.20      | 51.8      | 0.33        | 45.8      | 0.31        | 94.9      | 0.33   |
| FGV16   | 0.27        | 22.7      | 0.20        | 19.3      | < 0.20      | 37.3      | 0.29   |
| FGV4    | < 0.20      | 34        | < 0.20      | 72.4      | < 0.20      | 28.8      | < 0.20 |
| FGV7    | < 0.20      | 33.5      | < 0.20      | 17.0      | < 0.20      | 30.6      | < 0.20 |
| FGV11   | < 0.20      | 29.3      | < 0.20      | 38.3      | < 0.20      | 31.8      | < 0.20 |
| FGV5    | < 0.20      | 39.5      | < 0.20      | 32.5      | < 0.20      | 37.7      | < 0.20 |
| FGV3    | < 0.20      | 22.4      | < 0.20      | 26.3      | < 0.20      | 41.0      | < 0.20 |
| FGV20   | < 0.20      | 28        | < 0.20      | 16.8      | < 0.20      | 27.0      | < 0.20 |
| FGV6    | < 0.20      | 43.8      | < 0.20      | 23.0      | < 0.20      | 26.5      | < 0.20 |
| FGV14   | < 0.20      | 23.8      | < 0.20      | 24.6      | < 0.20      | 37.7      | < 0.20 |
| FGV8    | -           | -         | -           | -         | -           | -         | -      |
| FGV9    | -           | -         | -           | -         | -           | -         | -      |
| FGV10   | -           | -         | -           | -         | -           | -         | -      |
| FGV12   | -           | -         | -           | -         | -           | -         | -      |
| FGV13   | -           | -         | -           | -         | -           | -         | -      |
| FGV15   | -           | -         | -           | -         | -           | -         | -      |
| FGV17   | -           | -         | -           | -         | -           | -         | -      |
| FGV18   | -           | -         | -           | -         | -           | -         | -      |
| FGV19   | -           | -         | -           | -         | -           | -         | -      |
| 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

