

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_008
Date: 17-Dec-18
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: -8.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 52.8 LAeq | 113.0 dB |
| Edwards: | 52.0 LAeq | 109.6 dB |
| Fred: | 46.5 LAeq | 110.5 dB |
| Hollinger Office: | 56.4 LAeq | 126.0 dB |
| Noah: | 59.5 LAeq | 119.6 dB |
| Sandy: | 49.2 LAeq | 114.1 dB |
| Water Tower: | 59.5 LAeq | 118.9 dB |
| Wilson: | 54.0 LAeq | 110.5 dB |

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 5.1 | 6.0 | 5.8 | 7.6 |
| Edwards: | 4.1 | 5.0 | 9.4 | 10.8 |
| Hollinger Office: | 14.7 | 16.9 | 21.0 | 25.8 |
| Sandy: | 10.7 | 14.6 | 11.9 | 14.6 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 1.3 | 1.5 |
| Edwards: | 1.8 | 2.3 |
| Hollinger Office: | 4.2 | 5.1 |
| Sandy: | 2.5 | 5.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.3 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.5 | 0.3 | 0.7 |
| Hollinger West: | 0.6 | 0.6 | 0.6 |
| Imerys: | 1.0 | 0.9 | 2.1 |
| Noah: | 1.9 | 1.2 | 2.6 |
| Moneta Pumping Station: | 0.5 | 0.3 | 0.5 |
| Sandy: | 1.3 | 0.9 | 0.9 |
| Water Tower: | 1.9 | 1.3 | 1.6 |
| Wilson: | 3.4 | 1.9 | 2.4 |