

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_152
Date: 26-Jan-19
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -26.8 °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: | 51.3 LAeq | 100.3 dB |
| Edwards: | 42.5 LAeq | 103.4 dB |
| Fred: | 40.0 LAeq | 103.1 dB |
| Hollinger Office: | 53.4 LAeq | 109.6 dB |
| Noah: | 57.0 LAeq | 99.7 dB |
| Sandy: | 42.1 LAeq | 106.8 dB |
| Water Tower: | 48.5 LAeq | 111.0 dB |
| Wilson: | 46.6 LAeq | 101.4 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 8.9 | 34.9 | 3.8 | 5.2 |
| Edwards: | 2.8 | 3.1 | 8.0 | 9.2 |
| Hollinger Office: | 31.4 | 90.1 | 27.1 | 109.5 |
| Sandy: | 2.2 | 2.5 | 5.8 | 6.4 |

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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: | 3.6 | 7.7 |
| Edwards: | 1.5 | 3.6 |
| Hollinger Office: | 18.0 | 120.8 |
| Sandy: | 1.4 | 1.8 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.1 |
| Edwards: | 0.0 | 0.0 | 0.0 |
| Hollinger Office: | 0.8 | 0.5 | 1.4 |
| Hollinger West: | 0.1 | 0.1 | 0.1 |
| Imerys: | 1.2 | 1.3 | 1.6 |
| Noah: | 0.7 | 0.9 | 1.3 |
| Moneta Pumping Station: | 0.1 | 0.0 | 0.1 |
| Sandy: | 0.1 | 0.1 | 0.1 |
| Water Tower: | 0.4 | 0.6 | 0.3 |
| Wilson: | 0.3 | 0.3 | 0.4 |