

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_022
Date: 7-Mar-19
Blast Time: 11:42
Blast Sign Activation: 7:40
Website Notification Time: 7:22

Blast Conditions

| | | |
|------------------------|-------|------------------|
| Ceiling Height: | 2000 | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 25% | Scattered Clouds |
| Wind Speed: | 20 | km/hr |
| Wind Direction: | W | |
| Temperature: | -14.4 | °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: | 50.9 LAeq | 107.0 dB |
| Edwards: | 47.6 LAeq | 108.8 dB |
| Fred: | 43.2 LAeq | 105.8 dB |
| Hollinger Office: | 61.1 LAeq | 106.1 dB |
| Noah: | 56.6 LAeq | 103.2 dB |
| Sandy: | 42.3 LAeq | 106.8 dB |
| Water Tower: | 45.3 LAeq | 111.2 dB |
| Wilson: | 51.6 LAeq | 109.3 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 5.4 | 8.0 | 4.8 | 9.7 |
| Edwards: | 15.7 | 24.6 | 18.8 | 29.9 |
| Hollinger Office: | 5.5 | 9.3 | 8.6 | 23.8 |
| Sandy: | 1.9 | 2.1 | 3.7 | 4.3 |

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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: | 3.8 | 6.6 |
| Edwards: | 10.1 | 20.7 |
| Hollinger Office: | 5.8 | 6.8 |
| Sandy: | 1.9 | 2.2 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.1 | 0.2 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.4 | 0.4 |
| Hollinger West: | 0.3 | 0.3 | 0.2 |
| Imerys: | 0.3 | 0.4 | 0.8 |
| Noah: | 0.7 | 0.6 | 0.6 |
| Moneta Pumping Station: | 0.4 | 0.3 | 0.3 |
| Sandy: | 1.4 | 1.0 | 1.2 |
| Water Tower: | 0.5 | 0.5 | 0.4 |
| Wilson: | 1.2 | 1.4 | 1.9 |