

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_088
Date: 16-Feb-19
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

| | | |
|------------------------|-------|--------|
| Ceiling Height: | N/A | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 100% | Cloudy |
| Wind Speed: | 6 | km/hr |
| Wind Direction: | NW | |
| Temperature: | -12.3 | °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: | 52.3 LAeq | 105.7 dB |
| Edwards: | 46.8 LAeq | 97.4 dB |
| Fred: | LAeq | dB |
| Hollinger Office: | 51.4 LAeq | 109.5 dB |
| Noah: | 56.5 LAeq | 104.8 dB |
| Sandy: | 41.8 LAeq | 103.0 dB |
| Water Tower: | 43.9 LAeq | 115.8 dB |
| Wilson: | 69.1 LAeq | 121.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 7.5 | 11.1 | 6.4 | 12.8 |
| Edwards: | 11.8 | 21.4 | 6.3 | 7.8 |
| Hollinger Office: | | | 14.3 | 21.7 |
| Sandy: | 5.9 | 8.3 | 3.1 | 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: | 2.4 | 3.2 |
| Edwards: | 2.2 | 2.9 |
| Hollinger Office: | 4.7 | 5.3 |
| Sandy: | 2.5 | 3.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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