

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_128
Date: 9-Feb-16
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1767 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 18 km/hr
Wind Direction: N
Temperature: -11.8 °C

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

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 50.1 LAeq | 98.9 dB |
| Edwards: | 54.1 LAeq | 103.3 dB |
| Fred: | 45.6 LAeq | 106.9 dB |
| Hollinger Office: | 55.5 LAeq | 106.5 dB |
| Noah: | 59.2 LAeq | 105.0 dB |
| Sandy: | 52.3 LAeq | 108.7 dB |
| Water Tower: | 47.7 LAeq | 111.4 dB |
| Wilson: | 54.2 LAeq | 104.0 dB |

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

Dust Alert: No exceedances recorded

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 7.0 | 10.9 | 3.0 | 7.6 |
| Edwards: | 4.7 | 8.0 | 5.1 | 5.8 |
| Hollinger Office: | 7.4 | 10.6 | 4.8 | 8.5 |
| Hollinger Park: | 9.7 | 13.1 | 3.8 | 5.4 |
| Sandy: | 12.1 | 14.2 | 9.1 | 12.3 |

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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: | 1.3 | 2.2 |
| Edwards: | 8.9 | 16.5 |
| Hollinger Office: | 5.3 | 11.4 |
| Hollinger Park: | 5.7 | 8.6 |
| Sandy: | 7.3 | 9.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.2 |
| Edwards: | 0.4 | 0.4 | 0.4 |
| Hollinger Office: | 0.1 | 0.2 | 0.1 |
| Hollinger West: | 1.7 | 0.2 | 0.4 |
| Imerys: | 0.2 | 0.2 | 0.1 |
| Noah: | 0.4 | 0.2 | 0.3 |
| Moneta Pumping Station: | 0.9 | 1.3 | 0.7 |
| Sandy: | 0.5 | 0.7 | 0.7 |
| Water Tower: | 0.2 | 0.2 | 0.2 |
| Wilson: | 0.4 | 0.3 | 0.5 |