

Hollinger Public Blast Report

Blast Pattern: 3373_044
Date: 19-Jan-16
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 396 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 5 km/hr
Wind Direction: NW
Temperature: -12.1 °C

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

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

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

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 56.7 LAeq | 111.4 dB |
| Edwards: | 51.5 LAeq | 106.0 dB |
| Fred: | 43.2 LAeq | 108.3 dB |
| Hollinger Office: | 57.9 LAeq | 115.2 dB |
| Noah: | 58.2 LAeq | 110.8 dB |
| Sandy: | 60.5 LAeq | 108.6 dB |
| Water Tower: | 47.1 LAeq | 114.8 dB |
| Wilson: | 50.5 LAeq | 107.1 dB |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 4.2 | 6.9 | 1.3 | 3.2 |
| Edwards: | 6.6 | 9.4 | 1.2 | 2.0 |
| Hollinger Office: | 2.5 | 2.8 | 6.1 | 13.4 |
| Hollinger Park: | 6.6 | 7.3 | 1.6 | 2.8 |
| Sandy: | 5.3 | 6.6 | 1.4 | 2.4 |

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 2.3 | 3.1 |
| Edwards: | 2.7 | 3.5 |
| Hollinger Office: | 5.0 | 7.5 |
| Hollinger Park: | 6.0 | 11.7 |
| Sandy: | 2.7 | 3.7 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.4 | 0.7 | 0.4 |
| Edwards: | 0.3 | 0.3 | 0.3 |
| Hollinger Office: | 0.3 | 0.2 | 0.3 |
| Hollinger West: | 1.9 | 0.2 | 0.6 |
| Imerys: | 0.2 | 0.6 | 0.2 |
| Noah: | 0.3 | 0.4 | 0.4 |
| Moneta Pumping Station: | 0.4 | 0.4 | 0.5 |
| Sandy: | 1.6 | 1.8 | 1.1 |
| Water Tower: | 0.2 | 0.2 | 0.5 |
| Wilson: | 1.0 | 0.4 | 1.2 |