

Hollinger Public Blast Report

Blast Pattern: 3364_203 & 3370_156
Date: 20-Nov-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 304 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 14.5 km/hr
Wind Direction: SE
Temperature: -7.8 °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: Extendicare**

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 60.0 LAeq | 117.4 dB |
| Edwards: | 55.7 LAeq | 109.8 dB |
| Fred: | 53.0 LAeq | 116.0 dB |
| Hollinger Office: | 59.3 LAeq | 115.8 dB |
| Noah: | 57.2 LAeq | 118.3 dB |
| Sandy: | 59.6 LAeq | 117.4 dB |
| Water Tower: | 62.4 LAeq | 125.9 dB |
| Wilson: | 55.7 LAeq | 115.2 dB |

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

Dust Alert: No Exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 3.9 | 5.7 | 12.2 | 25.1 |
| Edwards: | 50.8 | 65.3 | 5.7 | 7.9 |
| Hollinger Office: | 74.7 | 102.0 | 12.8 | 17.0 |
| Hollinger Park: | 17.9 | 25.0 | 18.5 | 44.5 |
| Sandy: | 53.0 | 76.7 | 10.6 | 16.9 |

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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: | 0.3 | 1.0 |
| Edwards: | 0.2 | 0.6 |
| Hollinger Office: | 2.5 | 3.5 |
| Hollinger Park: | 2.8 | 5.3 |
| Sandy: | 2.7 | 9.3 |

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 | 0.2 | 0.2 |
| Hollinger Office: | 3.2 | 0.7 | 1.8 |
| Hollinger West: | 0.0 | 0.0 | 0.0 |
| Imerys: | 5.5 | 8.2 | 4.9 |
| Noah: | 2.3 | 1.5 | 2.1 |
| Moneta Pumping Station: | 7.1 | 4.1 | 8.1 |
| Sandy: | 5.5 | 2.5 | 3.2 |
| Water Tower: | 3.0 | 1.7 | 3.1 |
| Wilson: | 0.7 | 0.6 | 0.7 |