

Hollinger Public Blast Report

Blast Pattern: 3370_160 & 3358_127
Date: 3-Nov-17
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 20 km/hr
Wind Direction: NNW
Temperature: 0.6 °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: | 59.1 LAeq | 115.5 dB |
| Edwards: | 58.0 LAeq | 110.5 dB |
| Fred: | 51.1 LAeq | 114.2 dB |
| Hollinger Office: | 58.4 LAeq | 115.6 dB |
| Noah: | 63.4 LAeq | 114.5 dB |
| Sandy: | 48.5 LAeq | 121.0 dB |
| Water Tower: | 57.0 LAeq | 122.9 dB |
| Wilson: | 52.5 LAeq | 113.4 dB |

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 1.3 | 1.5 | 0.5 | 0.9 |
| Edwards: | 1.7 | 2.6 | 1.5 | 2.2 |
| Hollinger Office: | 1.5 | 2.1 | 2.3 | 3.5 |
| Sandy: | 1.2 | 1.3 | 1.8 | 2.8 |

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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: | 0.4 | 0.7 |
| Edwards: | 1.2 | 1.7 |
| Hollinger Office: | 2.4 | 2.7 |
| Sandy: | 1.5 | 1.6 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.1 |
| Edwards: | 0.0 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.3 |
| Hollinger West: | 0.6 | 0.4 | 0.4 |
| Imerys: | 0.8 | 0.3 | 0.5 |
| Noah: | 0.4 | 0.5 | 0.5 |
| Moneta Pumping Station: | 1.0 | 0.4 | 0.9 |
| Sandy: | 2.4 | 1.5 | 2.0 |
| Water Tower: | 0.9 | 0.3 | 0.7 |
| Wilson: | 1.3 | 1.3 | 2.9 |