

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_037
Date: 8-Jan-16
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 275 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: 0.2 °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: | 53.0 LAeq | 104.6 dB |
| Edwards: | 54.7 LAeq | 108.0 dB |
| Fred: | 40.3 LAeq | 103.8 dB |
| Hollinger Office: | 66.9 LAeq | 111.3 dB |
| Noah: | 61.7 LAeq | 108.0 dB |
| Sandy: | 50.6 LAeq | 110.6 dB |
| Water Tower: | 47.5 LAeq | 110.1 dB |
| Wilson: | 51.5 LAeq | 106.4 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: | 23.2 | 23.7 | 19.7 | 20.7 |
| Edwards: | 9.0 | 9.2 | 19.9 | 30.8 |
| Hollinger Office: | 11.3 | 11.9 | 28.9 | 31.6 |
| Hollinger Park: | 12.7 | 12.9 | 27.6 | 29.1 |
| Sandy: | 9.7 | 10.1 | 21.6 | 22.2 |

Hollinger Public Blast Report



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: | 3.3 | 4.1 |
| Edwards: | 2.6 | 2.8 |
| Hollinger Office: | 6.0 | 11.5 |
| Hollinger Park: | 2.0 | 2.2 |
| Sandy: | 5.3 | 5.8 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.4 | 0.8 | 0.5 |
| Edwards: | 0.3 | 0.3 | 0.2 |
| Hollinger Office: | 0.4 | 0.3 | 0.2 |
| Hollinger West: | 1.8 | 0.2 | 0.4 |
| Imerys: | 0.2 | 0.3 | 0.3 |
| Noah: | 0.4 | 0.2 | 0.6 |
| Moneta Pumping Station: | 0.6 | 0.4 | 0.4 |
| Sandy: | 2.0 | 3.1 | 1.4 |
| Water Tower: | 0.2 | 0.1 | 0.2 |
| Wilson: | 1.0 | 0.7 | 0.7 |