

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_132
Date: 28-Feb-16
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: -18.4 °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 | 104.2 dB |
| Edwards: | 41.7 LAeq | 102.7 dB |
| Fred: | 38.6 LAeq | 100.1 dB |
| Hollinger Office: | 55.7 LAeq | 111.7 dB |
| Noah: | 57.5 LAeq | 103.4 dB |
| Sandy: | 49.1 LAeq | 105.4 dB |
| Water Tower: | 56.2 LAeq | 107.8 dB |
| Wilson: | 55.3 LAeq | 100.8 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: | 6.7 | 7.2 | 4.0 | 4.4 |
| Edwards: | 6.3 | 8.6 | 12.4 | 20.2 |
| Hollinger Office: | 12.3 | 17.1 | 14.7 | 26.4 |
| Hollinger Park: | 17.5 | 27.4 | 28.1 | 57.9 |
| Sandy: | 10.9 | 16.9 | 11.3 | 26.6 |

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: | 0.6 | 1.3 |
| Edwards: | 2.0 | 2.3 |
| Hollinger Office: | 5.7 | 6.4 |
| Hollinger Park: | 6.2 | 9.9 |
| Sandy: | 12.1 | 16.5 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.6 | 0.5 | 0.7 |
| Edwards: | 0.2 | 0.3 | 0.2 |
| Hollinger Office: | 0.8 | 0.6 | 0.4 |
| Hollinger West: | 1.7 | 0.2 | 0.2 |
| Imerys: | 0.3 | 0.3 | 0.3 |
| Noah: | 0.6 | 0.3 | 0.6 |
| Moneta Pumping Station: | 0.2 | 0.2 | 0.2 |
| Sandy: | 0.4 | 0.4 | 0.3 |
| Water Tower: | 0.3 | 0.3 | 0.4 |
| Wilson: | 0.8 | 0.3 | 0.5 |