

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_057A/3376_105
Date: 29-Nov-15
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: Unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 3.1 km/hr
Wind Direction: W
Temperature: -7 °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: | 53.2 LAeq | 107.7 dB |
| Edwards: | 61.4 LAeq | 97.5 dB |
| Fred: | 39.9 LAeq | 95.8 dB |
| Hollinger Office: | 55.5 LAeq | 102.5 dB |
| Noah: | 58.5 LAeq | 99.3 dB |
| Sandy: | 50.7 LAeq | 112.2 dB |
| Water Tower: | 52.8 LAeq | 102.0 dB |
| Wilson: | 41.7 LAeq | 101.4 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: | 3.2 | 3.7 | 4.4 | 4.7 |
| Edwards: | 2.0 | 4.1 | 6.3 | 11.1 |
| Hollinger Office: | 2.4 | 3.1 | 4.1 | 5.7 |
| Hollinger Park: | 3.4 | 3.6 | 6.2 | 7.3 |
| Sandy: | 8.7 | 74.9 | 11.7 | 111.8 |

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: | 0.4 | 0.9 |
| Edwards: | 1.5 | 2.3 |
| Hollinger Office: | 3.7 | 6.4 |
| Hollinger Park: | 0.7 | 1.4 |
| Sandy: | 5.2 | 13.3 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.3 | 0.2 |
| Edwards: | 0.4 | 0.6 | 0.2 |
| Hollinger Office: | 0.2 | 0.2 | 0.3 |
| Hollinger West: | 1.9 | 0.2 | 0.4 |
| Imerys: | 0.3 | 0.2 | 0.3 |
| Noah: | 0.2 | 0.2 | 0.3 |
| Moneta Pumping Station: | 5.1 | 2.6 | 4.0 |
| Sandy: | 9.9 | 7.2 | 11.5 |
| Water Tower: | 0.4 | 0.2 | 0.6 |
| Wilson: | 0.0 | 0.0 | 0.0 |