

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_038
Date: 21-Apr-19
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 11.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 51.2 LAeq | 105.6 dB |
| Edwards: | 51.8 LAeq | 95.4 dB |
| Fred: | 38.8 LAeq | 93.2 dB |
| Hollinger Office: | 54.4 LAeq | 109.9 dB |
| Noah: | 59.1 LAeq | 104.0 dB |
| Sandy: | 45.0 LAeq | 105.3 dB |
| Water Tower: | 46.2 LAeq | 115.2 dB |
| Wilson: | 48.6 LAeq | 100.7 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 10.2 | 13.9 | 9.7 | 13.6 |
| Edwards: | 11.9 | 18.4 | 14.6 | 25.5 |
| Hollinger Office: | 10.8 | 22.6 | 17.8 | 34.2 |
| Sandy: | 7.0 | 8.0 | 7.1 | 9.4 |

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 1.6 | 2.8 |
| Edwards: | 3.1 | 7.4 |
| Hollinger Office: | 1.9 | 2.4 |
| Sandy: | 1.1 | 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: | 0.1 | 0.0 | 0.1 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.3 | 0.4 | 0.3 |
| Imerys: | 0.1 | 0.2 | 0.2 |
| Noah: | 0.3 | 0.4 | 0.3 |
| Moneta Pumping Station: | 0.7 | 0.8 | 0.7 |
| Sandy: | 3.4 | 2.0 | 2.2 |
| Water Tower: | 0.2 | 0.3 | 0.4 |
| Wilson: | 0.8 | 0.7 | 0.9 |
