

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_knobs  
**Date:** 5-Apr-17  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 1950 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 2 km/hr  
Wind Direction: NW  
Temperature: 7.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

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

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.3 LAeq	108.7 dB
Edwards:	50.0 LAeq	104.2 dB
Fred:	44.5 LAeq	94.8 dB
Hollinger Office:	60.5 LAeq	118.5 dB
Noah:	61.4 LAeq	109.9 dB
Sandy:	52.1 LAeq	110.8 dB
Water Tower:	47.1 LAeq	118.0 dB
Wilson:	46.9 LAeq	107.8 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: 24hr Dust Exceedance at Hollinger Park (50.0ug/m3), winds from North.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	10.0	13.7	12.4	19.1
Edwards:	9.3	12.4	15.8	24.8
Hollinger Office:	27.0	37.0	50.9	66.3
Hollinger Park:	68.9	94.1	89.2	155.2
Sandy:	12.5	18.4	13.6	21.9

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	2.9	3.6
Edwards:	0.5	1.1
Hollinger Office:	3.1	3.8
Hollinger Park:	3.3	9.8
Sandy:	4.9	21.8

## 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	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.2