

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_085/3364\_208PS  
**Date:** 6-Mar-17  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 800 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 20 km/hr  
Wind Direction: S  
Temperature: -2 °C

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

**Noise Alert: Exceedances due to blast siren and blast overpressure (128.5db @ Water Tower)**

### **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:	59.0 LAeq	100.1 dB
Edwards:	46.9 LAeq	102.7 dB
Fred:	44.0 LAeq	101.8 dB
Hollinger Office:	58.3 LAeq	111.9 dB
Noah:	60.1 LAeq	107.1 dB
Sandy:	50.3 LAeq	106.7 dB
Water Tower:	54.8 LAeq	128.5 dB
Wilson:	49.4 LAeq	111.4 dB

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

**Dust Alert: No Exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	9.0	9.8	6.0	7.1
Edwards:	3.2	3.4	11.4	12.7
Hollinger Office:	19.0	21.6	15.8	19.9
Hollinger Park:	10.3	11.9	11.1	15.1
Sandy:	7.9	9.0	8.7	9.8

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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:	6.3	10.8
Edwards:	1.1	2.1
Hollinger Office:	14.9	22.2
Hollinger Park:	3.2	5.5
Sandy:	4.7	5.9

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.7	0.9
Hollinger West:	0.2	0.2	0.3
Imerys:	0.7	1.3	1.3
Noah:	2.0	1.0	1.6
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.4	0.8	0.8
Water Tower:	0.6	1.4	0.6
Wilson:	0.8	1.3	1.4