

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_143  
**Date:** 9-Feb-16  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 868 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: -11.7 °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:	51.3 LAeq	103.8 dB
Edwards:	46.1 LAeq	102.5 dB
Fred:	43.8 LAeq	107.9 dB
Hollinger Office:	56.9 LAeq	108.6 dB
Noah:	57.8 LAeq	106.8 dB
Sandy:	53.4 LAeq	108.7 dB
Water Tower:	47.2 LAeq	111.2 dB
Wilson:	60.5 LAeq	108.8 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:	6.6	9.7	2.4	3.2
Edwards:	4.7	6.0	5.3	5.7
Hollinger Office:	8.0	10.6	5.3	7.9
Hollinger Park:	10.9	12.2	4.4	5.5
Sandy:	11.2	16.5	8.5	14.7

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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:	1.3	1.9
Edwards:	2.7	3.4
Hollinger Office:	5.8	11.9
Hollinger Park:	4.5	6.5
Sandy:	8.0	15.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	1.7	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	0.5	0.6	0.8
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.5	0.5	0.5
Water Tower:	0.5	0.4	0.5
Wilson:	0.9	0.7	0.8