

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_030  
**Date:** 21-Dec-15  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1005 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 8 km/hr  
Wind Direction: N  
Temperature: -4.8 °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:	55.6 LAeq	107.0 dB
Edwards:	50.2 LAeq	101.2 dB
Fred:	43.7 LAeq	95.3 dB
Hollinger Office:	66.1 LAeq	113.6 dB
Noah:	60.2 LAeq	103.6 dB
Sandy:	59.9 LAeq	105.7 dB
Water Tower:	51.7 LAeq	113.6 dB
Wilson:	49.6 LAeq	100.8 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:	3.6	3.9	3.3	3.5
Edwards:	3.4	3.7	5.5	6.3
Hollinger Office:	6.2	7.1	6.6	8.2
Hollinger Park:	5.2	5.7	3.8	4.9
Sandy:	6.5	14.6	4.1	12.3

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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:	1.1	1.8
Edwards:	4.2	8.5
Hollinger Office:	9.1	19.0
Hollinger Park:	3.5	4.4
Sandy:	17.9	81.6

## 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:	5.2	1.5	2.9
Hollinger West:	1.8	0.2	0.4
Imerys:	2.7	3.3	1.8
Noah:	2.4	2	2.3
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.2	0.8	0.9
Water Tower:	3.3	1.2	2.3
Wilson:	0.9	0.5	1.0