

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_004  
**Date:** 20-Dec-15  
**Blast Time:** 13:32  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 396 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: -4.7 °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:	51.6 LAeq	110.6 dB
Edwards:	52.2 LAeq	108.0 dB
Fred:	43.1 LAeq	96.0 dB
Hollinger Office:	62.0 LAeq	111.8 dB
Noah:	62.3 LAeq	105.6 dB
Sandy:	58.1 LAeq	102.4 dB
Water Tower:	47.6 LAeq	110.0 dB
Wilson:	47.9 LAeq	97.7 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:	4.2	5.2	4.4	5.5
Edwards:	4.6	5.6	3.7	4.7
Hollinger Office:	13.3	28.8	8.2	18.7
Hollinger Park:	1.8	2.0	3.3	4.6
Sandy:	5.7	7.9	1.5	1.9

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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:	8.1	23.9
Edwards:	4.0	11.0
Hollinger Office:	39.7	160.6
Hollinger Park:	0.7	1.6
Sandy:	0.7	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1	0.6	0.6
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.9	0.1	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.1	0.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.6	0.5	0.5
Water Tower:	0.1	0.1	0.2
Wilson:	0.3	0.2	0.3