

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_071  
**Date:** 29-Jan-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1300 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudys  
Wind Speed: 15 km/hr  
Wind Direction: NW  
Temperature: -15.2 °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:	53.3 LAeq	103.7 dB
Edwards:	47.6 LAeq	94.0 dB
Fred:	40.5 LAeq	99.1 dB
Hollinger Office:	57.3 LAeq	105.9 dB
Noah:	59.6 LAeq	103.6 dB
Sandy:	46.8 LAeq	109.6 dB
Water Tower:	50.3 LAeq	110.7 dB
Wilson:	58.2 LAeq	110.6 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:	3.4	3.8	0.0	0.1
Edwards:	1.2	1.3	2.8	3.7
Hollinger Office:	4.7	6.2	2.6	5.4
Hollinger Park:	1.7	2.2	1.2	2.1
Sandy:	8.7	24.4	11.2	36.4

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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:	0.4	1.0
Edwards:	0.6	0.8
Hollinger Office:	4.1	4.8
Hollinger Park:	5.6	12.0
Sandy:	12.9	41.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.7	0.4	1.0
Hollinger West:	0.9	0.3	0.6
Imerys:	0.9	1.1	0.8
Noah:	1.6	0.8	1.4
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.1	1.1	0.9
Water Tower:	0.7	1.0	1.0
Wilson:	1.0	0.7	1.6