

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_051  
**Date:** 10-Feb-17  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:48  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 11:34 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 7.7 km/hr  
Wind Direction: N  
Temperature: -17.9 °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:	50.5 LAeq	100.2 dB
Edwards:	53.6 LAeq	107.8 dB
Fred:	43.5 LAeq	108.0 dB
Hollinger Office:	55.1 LAeq	109.3 dB
Noah:	58.7 LAeq	115.2 dB
Sandy:	45.5 LAeq	108.3 dB
Water Tower:	52.2 LAeq	113.4 dB
Wilson:	51.2 LAeq	107.2 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:	5.9	8.0	2.1	4.8
Edwards:	2.0	2.3	4.5	5.5
Hollinger Office:	9.2	17.7	10.6	31.8
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	2.1	2.4	3.9	4.4

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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:	4.6	7.8
Edwards:	0.6	1.5
Hollinger Office:	13.3	83.9
Hollinger Park:	0.0	0.0
Sandy:	2.1	3.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.2	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	1.4	0.9	1.1
Imerys:	0.9	1.5	1.1
Noah:	2.4	2.1	1.6
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.6	0.4
Water Tower:	4.4	8.7	2.7
Wilson:	1.3	1.1	1.2