

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_167 & 3370\_152  
**Date:** 23-Oct-16  
**Blast Time:** 15:35  
**Blast Sign Activation:** 11:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 609  
Boundary Layer Height: none  
Cloud Cover: 100% Overcast  
Wind Speed: 19 km/hr  
Wind Direction: W  
Temperature: 6.2 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.9 LAeq	111.2 dB
Edwards:	58.5 LAeq	108.1 dB
Fred:	47.6 LAeq	105.2 dB
Hollinger Office:	60.9 LAeq	115.7 dB
Noah:	62.0 LAeq	106.3 dB
Sandy:	52.9 LAeq	108.0 dB
Water Tower:	53.6 LAeq	116.4 dB
Wilson:	LAeq	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:	1.1	1.4	1.7	2.1
Edwards:	2.6	2.8	1.0	1.6
Hollinger Office:	3.0	4.4	5.4	6.8
Hollinger Park:	3.2	3.5	2.4	2.9
Sandy:	1.0	1.2	1.0	1.6

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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:	0.3	0.6
Edwards:	0.0	0.2
Hollinger Office:	1.5	2.1
Hollinger Park:	2.3	3.2
Sandy:	1.3	2.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	5	0.3	0.4
Edwards:	0.1	0.2	0.2
Hollinger Office:	1.8	0.9	1.7
Hollinger West:	0.2	0.2	0.2
Imerys:	4.7	4.9	2.6
Noah:	2.5	1.2	2.8
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.5	0.1
Water Tower:	2.9	2.9	4.7
Wilson:	0.8	0.7	0.7