

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_132/3382\_064/066/092  
**Date:** 10-Oct-15  
**Blast Time:** 11:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1402 m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 10 km/hr  
Wind Direction: S  
Temperature: 5.3 °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:	63.3 LAeq	109.2 dB
Edwards:	56.6 LAeq	100.9 dB
Fred:	47.1 LAeq	110.0 dB
Hollinger Office:	61.3 LAeq	105.4 dB
Noah:	61.2 LAeq	100.7 dB
Sandy:	62.6 LAeq	103.1 dB
Water Tower:	51.1 LAeq	107.0 dB
Wilson:	50.9 LAeq	100.6 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Faulty TSP Sensor at Edwards.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	3.4	3.9	8.3	9.4
Edwards:	3.0	3.5	4930.2	5511.8
Hollinger Office:	25.2	219.7	16.9	156.9
Hollinger Park:	2.8	3.3	4.3	10.6
Sandy:	2.5	3.4	2.7	5.0

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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:	5.2	14.7
Edwards:	0.9	1.8
Hollinger Office:	31.7	193.7
Hollinger Park:	1.3	3.8
Sandy:	2.6	4.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.4	0.3
Noah:	0.3	0.2	0.5
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	1.3	0.6	0.7
Water Tower:	0.2	0.1	0.4
Wilson:	0.5	0.2	0.4