

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_131A  
**Date:** 09-Oct-15  
**Blast Time:** 15:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 518 m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 14 km/hr  
Wind Direction: NW  
Temperature: 5.9 °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:	59.6 LAeq	113.0 dB
Edwards:	56.8 LAeq	108.1 dB
Fred:	50.8 LAeq	111.9 dB
Hollinger Office:	60.9 LAeq	109.4 dB
Noah:	61.8 LAeq	112.4 dB
Sandy:	61.5 LAeq	109.2 dB
Water Tower:	53.7 LAeq	116.0 dB
Wilson:	54.4 LAeq	109.0 dB

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

**Dust Alert: Bug caught in Claimpost TSP sensor.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	3.5	3.8	5522.5	5554.7
Edwards:	5.6	6.4	3.8	4.5
Hollinger Office:	5.9	9.4	5.0	9.0
Hollinger Park:	10.1	12.7	9.3	17.8
Sandy:	5.8	7.9	2.3	4.9

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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:	1.0	1.5
Edwards:	0.8	1.1
Hollinger Office:	3.9	9.9
Hollinger Park:	4.3	9.1
Sandy:	3.5	11.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.4	0.4	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.6	0.5	0.8
Sandy:	2.1	1.9	2.5
Water Tower:	0.2	0.1	0.1
Wilson:	3.4	0.9	1.6