

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_067  
**Date:** 13-Nov-15  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 274 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: NW  
Temperature: -3.4 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	57.7 LAeq	106.1 dB
Edwards:	52.3 LAeq	103.0 dB
Fred:	50.1 LAeq	110.3 dB
Hollinger Office:	67.5 LAeq	109.0 dB
Noah:	62.8 LAeq	107.9 dB
Sandy:	56.0 LAeq	117.2 dB
Water Tower:	51.4 LAeq	110.2 dB
Wilson:	49.9 LAeq	111.7 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded. TSP cleaned and normal operation at Claimpost**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	17.6	127.8	0.0	0.0
Edwards:	0.2	0.2	1.6	2.3
Hollinger Office:	0.7	0.8	0.0	0.1
Hollinger Park:	3.4	4.3	3.2	3.9
Sandy:	3.4	5.9	3.7	7.5

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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:	0.0	0.0
Edwards:	1.9	2.6
Hollinger Office:	5.0	10.6
Hollinger Park:	4.8	7.7
Sandy:	8.0	12.4

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

**Vibration Alert: Exceedance recorded at Sandy 16.9 mm/s**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.2	0.3	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.4	0.2	0.4
Imerys:	0.3	0.3	0.3
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	3.6	2.3	3.8
Sandy:	6.1	16.9	6.1
Water Tower:	0.6	0.3	0.5
Wilson:	0.7	0.5	0.8