

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_064/065  
**Date:** 27-Nov-15  
**Blast Time:** 13:37  
**Blast Sign Activation:** 12:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: Unlimited m  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 10.9 km/hr  
Wind Direction: SE  
Temperature: -12.5 °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:	54.2 LAeq	105.2 dB
Edwards:	56.4 LAeq	99.0 dB
Fred:	43.9 LAeq	104.0 dB
Hollinger Office:	55.6 LAeq	106.2 dB
Noah:	60.1 LAeq	101.5 dB
Sandy:	49.1 LAeq	112.2 dB
Water Tower:	51.7 LAeq	107.9 dB
Wilson:	47.6 LAeq	104.3 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	1.8	2.3	2.9	3.1
Edwards:	11.1	12.4	1.6	2.5
Hollinger Office:	26.4	29.6	0.8	1.4
Hollinger Park:	39.4	43.8	3.3	5.4
Sandy:	12.5	31.0	3.8	15.4

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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:	1.0	2.4
Edwards:	1.3	1.5
Hollinger Office:	4.1	5.4
Hollinger Park:	8.5	14.8
Sandy:	5.1	10.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.6
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	1.9	0.2	0.3
Imerys:	0.5	0.3	0.4
Noah:	0.5	0.2	0.5
Moneta Pumping Station:	0.7	0.7	0.9
Sandy:	5.3	3.7	5.0
Water Tower:	0.4	0.3	1.1
Wilson:	0.0	0.0	0.0