

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_010/3364\_057D  
**Date:** 21-Nov-15  
**Blast Time:** 11:32  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 6309 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: -2.1 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.4 LAeq	110.4 dB
Edwards:	59.6 LAeq	102.9 dB
Fred:	42.2 LAeq	96.3 dB
Hollinger Office:	56.4 LAeq	107.1 dB
Noah:	60.8 LAeq	100.9 dB
Sandy:	53.7 LAeq	108.2 dB
Water Tower:	48.7 LAeq	102.0 dB
Wilson:	50.1 LAeq	94.0 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:	5.1	7.9	7.1	11.3
Edwards:	8.6	16.3	13.9	22.5
Hollinger Office:	9.6	17.5	12.0	19.3
Hollinger Park:	10.4	13.7	28.9	39.9
Sandy:	1.9	3.0	2.7	4.6

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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:	4.3	12.1
Edwards:	10.3	47.2
Hollinger Office:	3.7	6.3
Hollinger Park:	3.0	7.2
Sandy:	1.1	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1	0.8	0.8
Edwards:	0.3	0.4	0.3
Hollinger Office:	0.4	0.4	0.3
Hollinger West:	1.6	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	7.1	3.1	4.2
Sandy:	5.3	4.4	8.4
Water Tower:	0.2	0.1	0.4
Wilson:	0.6	0.4	0.7