

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_204/205  
**Date:** 29-Nov-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 121 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 12.1 km/hr  
Wind Direction: NW  
Temperature: 0.7 °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:	56.0 LAeq	105.8 dB
Edwards:	51.9 LAeq	114.3 dB
Fred:	47.1 LAeq	113.7 dB
Hollinger Office:	69.9 LAeq	121.7 dB
Noah:	63.3 LAeq	113.8 dB
Sandy:	50.6 LAeq	110.8 dB
Water Tower:	54.2 LAeq	118.2 dB
Wilson:	54.3 LAeq	114.2 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:	5.9	7.5	3.8	5.1
Edwards:	5.0	6.3	5.4	7.2
Hollinger Office:	4.3	5.0	5.6	7.7
Hollinger Park:	10.8	35.8	10.8	60.1
Sandy:	4.0	5.2	3.9	5.9

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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:	1.3	3.3
Edwards:	1.6	2.3
Hollinger Office:	9.4	12.2
Hollinger Park:	10.8	60.2
Sandy:	1.8	2.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.4	0.4
Hollinger West:	0.3	0.4	0.4
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.8	0.7	0.7
Sandy:	2.0	1.6	1.3
Water Tower:	0.6	0.3	0.6
Wilson:	1.1	0.8	1.0