

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_207B (PS)/3346\_007D (PS)  
**Date:** 22-Jan-17  
**Blast Time:** 11:32  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 61 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Fog  
Wind Speed: 10 km/hr  
Wind Direction: E  
Temperature: 0.5 °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:	53.5 LAeq	104.4 dB
Edwards:	54.5 LAeq	104.7 dB
Fred:	44.2 LAeq	103.4 dB
Hollinger Office:	64.3 LAeq	119.2 dB
Noah:	57.0 LAeq	115.0 dB
Sandy:	52.1 LAeq	108.7 dB
Water Tower:	48.5 LAeq	121.4 dB
Wilson:	49.0 LAeq	108.3 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:	22.7	40.6	9.6	10.1
Edwards:	1.9	3.4	16.7	17.3
Hollinger Office:	4.8	9.1	15.9	16.4
Hollinger Park:	5.1	5.8	18.5	21.6
Sandy:	5.9	7.2	16.7	20.6

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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:	1.3	2.6
Edwards:	1.5	2.0
Hollinger Office:	6.4	8.2
Hollinger Park:	6.1	10.8
Sandy:	14.8	43.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.7
Edwards:	0.2	0.3	0.4
Hollinger Office:	1.1	1.0	2.1
Hollinger West:	0.4	0.3	0.6
Imerys:	0.6	0.4	0.7
Noah:	0.8	0.4	0.9
Moneta Pumping Station:	0.6	0.8	1.1
Sandy:	1.4	1.9	2.0
Water Tower:	0.6	0.3	1.0
Wilson:	3.4	1.0	2.5