

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_067  
**Date:** 13-Feb-17  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 549 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: -9.3 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	51.2 LAeq	117.4 dB
Edwards:	49.9 LAeq	110.1 dB
Fred:	40.0 LAeq	97.7 dB
Hollinger Office:	52.6 LAeq	124.0 dB
Noah:	59.1 LAeq	116.8 dB
Sandy:	47.4 LAeq	121.1 dB
Water Tower:	46.3 LAeq	126.8 dB
Wilson:	50.9 LAeq	112.9 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:	5.4	6.3	2.7	3.8
Edwards:	5.4	7.4	9.3	13.6
Hollinger Office:	7.5	8.7	6.3	10.4
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	2.9	3.4	3.2	4.1

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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:	7.0	8.4
Edwards:	5.7	10.2
Hollinger Office:	14.4	20.3
Hollinger Park:	0.0	0.0
Sandy:	3.0	4.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	0.4	0.3	0.5
Imerys:	0.6	0.5	0.5
Noah:	1.2	0.6	1.4
Moneta Pumping Station:	0.8	0.4	0.5
Sandy:	1.1	1.1	1.2
Water Tower:	0.5	0.6	0.3
Wilson:	1.0	1.2	1.6