

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_025  
**Date:** 15-Feb-16  
**Blast Time:** 13:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: -10.1 °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:	48.8 LAeq	103.6 dB
Edwards:	43.9 LAeq	108.1 dB
Fred:	47.5 LAeq	105.8 dB
Hollinger Office:	57.7 LAeq	110.1 dB
Noah:	58.6 LAeq	103.8 dB
Sandy:	57.8 LAeq	105.9 dB
Water Tower:	48.9 LAeq	113.9 dB
Wilson:	61.5 LAeq	106.0 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:	10.6	13.0	7.8	11.6
Edwards:	5.1	8.7	8.3	9.9
Hollinger Office:	35.4	57.8	29.8	54.3
Hollinger Park:	3.0	3.8	8.5	10.8
Sandy:	3.4	4.5	5.9	8.7

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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:	15.2	26.5
Edwards:	3.6	6.4
Hollinger Office:	16.9	40.9
Hollinger Park:	1.3	1.6
Sandy:	3.6	4.1

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

**Vibration Alert: No exceedances recorded**

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