

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_127  
**Date:** 5-Feb-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1067 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 8 km/hr  
Wind Direction: S  
Temperature: -8.9 °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:	50.9 LAeq	106.5 dB
Edwards:	48.1 LAeq	108.4 dB
Fred:	44.0 LAeq	105.3 dB
Hollinger Office:	58.4 LAeq	106.4 dB
Noah:	57.1 LAeq	106.3 dB
Sandy:	52.1 LAeq	110.1 dB
Water Tower:	46.1 LAeq	114.9 dB
Wilson:	53.0 LAeq	111.1 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:	3.9	4.4	1.3	3.4
Edwards:	2.1	2.8	4.8	8.0
Hollinger Office:	5.1	8.0	9.2	17.4
Hollinger Park:	1.9	2.2	3.9	4.6
Sandy:	1.8	2.2	2.1	3.2

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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:	1.7	3.4
Edwards:	13.8	21.9
Hollinger Office:	6.0	11.1
Hollinger Park:	5.1	8.2
Sandy:	6.2	10.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	1.7	1.3	1.3
Sandy:	0.8	0.9	0.8
Water Tower:	0.3	0.3	0.3
Wilson:	0.7	0.3	0.8