

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_062  
**Date:** 26-Mar-16  
**Blast Time:** 11:43  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 9:00

## Blast Conditions

Ceiling Height: none m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 5 km/hr  
Wind Direction: W  
Temperature: -5.7 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	53.3 LAeq	106.0 dB
Edwards:	48.6 LAeq	100.7 dB
Fred:	44.3 LAeq	96.4 dB
Hollinger Office:	62.8 LAeq	106.7 dB
Noah:	61.9 LAeq	99.1 dB
Sandy:	46.4 LAeq	96.8 dB
Water Tower:	LAeq	dB
Wilson:	47.4 LAeq	95.2 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	9.2	9.6	7.8	9.6
Edwards:	6.3	7.4	12.8	20.0
Hollinger Office:	17.8	26.5	29.6	47.4
Hollinger Park:	9.7	11.8	27.6	39.8
Sandy:	2.7	3.1	8.1	9.4

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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:	1.6	3.4
Edwards:	6.2	11.9
Hollinger Office:	4.2	5.4
Hollinger Park:	2.3	5.5
Sandy:	0.9	1.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	1.2	1.4
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.3	0.6	0.2
Hollinger West:	1.6	0.2	0.2
Imerys:	0.0	0.0	0.0
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.4	0.4	0.4
Water Tower:	0.1	0.2	0.2
Wilson:	0.7	0.5	0.7