

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_063, 3370\_087/088  
**Date:** 08-Apr-16  
**Blast Time:** 15:38  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height:	N/A	m
Boundary Layer Height:	70	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	20	km/hr
Wind Direction:	N	
Temperature:	-6.2	°C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast sirens.**

### **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:	56.0 LAeq	115.0 dB
Edwards:	53.1 LAeq	112.0 dB
Fred:	52.5 LAeq	115.2 dB
Hollinger Office:	58.0 LAeq	113.4 dB
Noah:	60.8 LAeq	112.5 dB
Sandy:	61.5 LAeq	112.6 dB
Water Tower:	54.6 LAeq	122.2 dB
Wilson:	54.1 LAeq	118.5 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:	11.1	17.2	7.7	14.6
Edwards:	10.1	13.2	14.5	20.4
Hollinger Office:	21.6	31.3	18.3	29.6
Hollinger Park:	30.0	34.4	38.4	57.0
Sandy:	35.9	66.9	32.1	61.2

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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:	0.7	1.3
Edwards:	1.8	2.0
Hollinger Office:	2.9	5.7
Hollinger Park:	2.9	5.2
Sandy:	4.4	5.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.3	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.7	0.2	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.5	0.5	0.7
Sandy:	0.7	0.9	1.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.5	0.7