

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_096  
**Date:** 02-Oct-15  
**Blast Time:** 15:34  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: Unlimited m  
Boundary Layer Height: None m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 10.4 °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:	57.3 LAeq	112.4 dB
Edwards:	56.8 LAeq	109.4 dB
Fred:	46.2 LAeq	103.3 dB
Hollinger Office:	63.6 LAeq	114.4 dB
Noah:	61.1 LAeq	109.4 dB
Sandy:	58.5 LAeq	113.4 dB
Water Tower:	50.9 LAeq	114.6 dB
Wilson:	52.4 LAeq	108.5 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:	3.6	4.4	9.9	11.7
Edwards:	5.2	7.1	6.2	9.9
Hollinger Office:	14.3	47.5	10.5	35.6
Hollinger Park:	18.1	39.2	24.0	63.2
Sandy:	69.7	432.7	50.3	264.6

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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:	0.3	0.9
Edwards:	0.8	1.3
Hollinger Office:	3.9	7.9
Hollinger Park:	1.6	3.3
Sandy:	30.7	52.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.7
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.5	2.0	1.3
Water Tower:	0.4	0.1	0.4
Wilson:	0.5	0.4	0.5