

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_040  
**Date:** 21-May-15  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: none m  
Boundary Layer Height: None m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: N  
Temperature: 2.4 °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:	56.5 LAeq	105.6 dB
Edwards:	53.5 LAeq	95.6 dB
Fred:	47.3 LAeq	99.7 dB
Hollinger Office:	70.8 LAeq	104.3 dB
Noah:	62.8 LAeq	105.2 dB
Sandy:	53.5 LAeq	104.0 dB
Water Tower:	50.2 LAeq	110.0 dB
Wilson:	49.2 LAeq	102.0 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:	8.1	9.1	18.6	20.5
Edwards:	5.7	6.1	13.3	18.9
Hollinger Office:	19.6	36.4	27.4	57.7
Hollinger Park:	16.7	29.7	32.4	65.0
Sandy:	10.4	18.4	25.4	38.9

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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:	0.2	0.5
Edwards:	1.5	2.7
Hollinger Office:	5.0	14.7
Hollinger Park:	3.6	7.4
Sandy:	32.1	97.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.6	0.5	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.3	0.5
Noah:	8.1	8.4	8
Moneta Pumping Station:	5.0	2.7	5.3
Sandy:	3.4	7.4	4.1
Water Tower:	0.6	0.2	0.6
Wilson:	0.6	0.6	0.5