

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_046  
**Date:** 14-Jul-15  
**Blast Time:** 15:35  
**Blast Sign Activation:** 11:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1000 m  
Boundary Layer Height: 1200 m  
Cloud Cover: 75% Cloudy  
Wind Speed: 22 km/hr  
Wind Direction: N  
Temperature: 14.4 °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:	57.9 LAeq	105.8 dB
Edwards:	52.8 LAeq	108.6 dB
Fred:	51.4 LAeq	110.5 dB
Hollinger Office:	60.3 LAeq	111.2 dB
Noah:	61.3 LAeq	111.3 dB
Sandy:	62.7 LAeq	113.2 dB
Water Tower:	53.8 LAeq	115.9 dB
Wilson:	54.0 LAeq	111.4 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:	2.8	3.1	12.3	13.1
Edwards:	3.3	3.6	9.6	11.9
Hollinger Office:	11.5	13.6	12.1	15.1
Hollinger Park:	6.3	10.0	13.9	24.1
Sandy:	17.0	30.6	31.3	50.0

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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:	0.9	1.9
Edwards:	0.9	1.2
Hollinger Office:	5.0	10.7
Hollinger Park:	1.9	7.0
Sandy:	5.8	24.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.3	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.3	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.3	0.7	0.7
Sandy:	2.6	2.1	2.4
Water Tower:	0.6	0.2	0.5
Wilson:	0.8	0.5	0.8