

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_033  
**Date:** 12-Nov-15  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 91 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast (rain)  
Wind Speed: 10 km/hr  
Wind Direction: NE  
Temperature: 1.4 °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:	58.5 LAeq	112.1 dB
Edwards:	50.8 LAeq	106.9 dB
Fred:	46.4 LAeq	95.5 dB
Hollinger Office:	60.7 LAeq	119.2 dB
Noah:	66.1 LAeq	116.4 dB
Sandy:	61.9 LAeq	111.3 dB
Water Tower:	55.4 LAeq	126.3 dB
Wilson:	52.3 LAeq	110.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded. TSP cleaned and normal operation at Claimpost**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	26.2	57.7	13.1	38.3
Edwards:	8.7	10.1	21.7	24.6
Hollinger Office:	10.3	12.5	15.1	17.7
Hollinger Park:	18.6	24.9	35.3	50.3
Sandy:	9.3	12.3	17.0	27.8

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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:	3.7	4.7
Edwards:	5.2	6.0
Hollinger Office:	7.0	9.2
Hollinger Park:	6.1	7.3
Sandy:	19.5	44.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.5	0.8	1.6
Hollinger West:	0.2	0.2	0.5
Imerys:	2.2	2.3	3.4
Noah:	1.5	1.6	1.9
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.4	1.0	1.4
Water Tower:	1.5	1	2.9
Wilson:	1.0	0.6	0.7