

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3372\_028  
**Date:** 24-Nov-15  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 457 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 4 km/hr  
Wind Direction: S  
Temperature: -3.1 °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:	54.4 LAeq	105.4 dB
Edwards:	59.4 LAeq	100.2 dB
Fred:	44.8 LAeq	96.0 dB
Hollinger Office:	55.7 LAeq	111.7 dB
Noah:	61.3 LAeq	102.1 dB
Sandy:	54.0 LAeq	104.5 dB
Water Tower:	52.6 LAeq	108.3 dB
Wilson:	LAeq	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:	5.5	6.6	6.8	12.6
Edwards:	7.8	12.6	14.6	34.2
Hollinger Office:	18.3	27.1	15.5	36.1
Hollinger Park:	7.7	9.3	11.1	14.4
Sandy:	8.7	18.9	9.6	36.6

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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:	4.5	6.6
Edwards:	22.3	45.8
Hollinger Office:	10.9	14.7
Hollinger Park:	8.6	15.7
Sandy:	5.4	6.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.6	0.5
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.4	0.5	0.3
Hollinger West:	1.7	0.2	0.2
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.5	0.4	0.7
Sandy:	2.8	1.3	1.7
Water Tower:	0.3	0.2	0.4
Wilson:	0.0	0	0.0