

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_099  
**Date:** 09-Nov-15  
**Blast Time:** 13:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 274 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: NW  
Temperature: 12.6 °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:	55.7 LAeq	108.1 dB
Edwards:	62.3 LAeq	106.3 dB
Fred:	48.3 LAeq	104.1 dB
Hollinger Office:	59.3 LAeq	112.7 dB
Noah:	62.5 LAeq	110.5 dB
Sandy:	52.6 LAeq	108.1 dB
Water Tower:	55.7 LAeq	116.9 dB
Wilson:	50.4 LAeq	107.9 dB

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

**Dust Alert: Bugs in TSP were removed and Neph Cleaned.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.9	15.0	11.8	34.4
Edwards:	14.8	20.0	30.1	45.8
Hollinger Office:	19.5	22.9	25.5	32.6
Hollinger Park:	15.3	19.2	29.6	58.2
Sandy:	9.1	11.4	16.9	22.0

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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:	0.1	0.3
Edwards:	6.1	17.8
Hollinger Office:	5.0	6.3
Hollinger Park:	3.0	5.7
Sandy:	1.4	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.9
Edwards:	0.3	0.4	0.4
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.2	0.1	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	1.7	0.9	1.5
Water Tower:	0.3	0.1	0.4
Wilson:	0.4	0.5	0.5