

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3355\_001  
**Date:** 15-Nov-16  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: 213 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 8 km/hr  
Wind Direction: E  
Temperature: 3 °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:	56.6 LAeq	103.9 dB
Edwards:	49.6 LAeq	97.9 dB
Fred:	44.6 LAeq	94.7 dB
Hollinger Office:	56.7 LAeq	106.7 dB
Noah:	60.3 LAeq	100.4 dB
Sandy:	63.3 LAeq	107.5 dB
Water Tower:	50.0 LAeq	106.2 dB
Wilson:	52.2 LAeq	100.2 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:	11.9	12.4	15.5	16.1
Edwards:	8.0	14.9	33.3	62.2
Hollinger Office:	10.4	11.6	21.9	24.0
Hollinger Park:	17.3	36.3	26.8	62.9
Sandy:	13.4	14.2	16.4	18.2

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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:	1.9	2.8
Edwards:	2.1	3.2
Hollinger Office:	5.7	8.5
Hollinger Park:	10.7	37.7
Sandy:	3.5	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.7
Edwards:	0.5	0.4	0.5
Hollinger Office:	0.8	0.3	0.5
Hollinger West:	0.4	0.6	0.6
Imerys:	0.3	0.3	0.4
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	1.4	1.4	1.5
Sandy:	1.0	1.2	1.1
Water Tower:	0.7	0.3	0.9
Wilson:	2.2	1.0	2.3