

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_079  
**Date:** 20-Aug-17  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 26.7 °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:		L <sub>Aeq</sub>		dB
Edwards:	51.4	L <sub>Aeq</sub>	107.8	dB
Fred:	47.8	L <sub>Aeq</sub>	98.6	dB
Hollinger Office:	54.9	L <sub>Aeq</sub>	108.5	dB
Noah:	60.4	L <sub>Aeq</sub>	107.9	dB
Sandy:	49.9	L <sub>Aeq</sub>	107.2	dB
Water Tower:	50.2	L <sub>Aeq</sub>	112.0	dB
Wilson:	50.9	L <sub>Aeq</sub>	106.8	dB

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

**Dust Alert: No Exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.1	23.9	40.1	41.2
Edwards:	18.0	41.2	71.0	198.1
Hollinger Office:	68.2	113.6	114.2	197.3
Sandy:	14.2	18.0	46.4	58.4

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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:	2.4	100%
Edwards:	24.7	100%
Hollinger Office:	16.9	100%
Sandy:	0.8	100%

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.6
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.4	0.4	0.4
Water Tower:	0.2	0.2	0.2
Wilson:	1.0	0.5	0.8