

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_130/131  
**Date:** 30-Mar-16  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1050 m  
Boundary Layer Height: N/A m  
Cloud Cover: 100% Overcast  
Wind Speed: 14 km/hr  
Wind Direction: SW  
Temperature: 7.4 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	54.3 LAeq	111.0 dB
Edwards:	55.5 LAeq	110.7 dB
Fred:	46.4 LAeq	113.6 dB
Hollinger Office:	65.4 LAeq	114.4 dB
Noah:	60.2 LAeq	110.0 dB
Sandy:	51.0 LAeq	112.9 dB
Water Tower:	51.6 LAeq	121.6 dB
Wilson:	49.4 LAeq	112.5 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.9	12.9	10.0	13.1
Edwards:	9.3	13.2	17.6	31.7
Hollinger Office:	28.2	39.8	37.8	49.8
Hollinger Park:	17.4	28.1	29.3	60.5
Sandy:	7.8	9.1	14.7	20.0

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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:	3.0	6.8
Edwards:	9.7	25.2
Hollinger Office:	7.5	9.9
Hollinger Park:	4.4	11.7
Sandy:	2.1	2.3

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

**Vibration Alert: No exceedances recorded**

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