

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_071  
**Date:** 24-May-16  
**Blast Time:** 15:39  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1828 m  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 37 km/hr  
Wind Direction: N  
Temperature: 22.9 °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:	59.7 LAeq	113.9 dB
Edwards:	63.2 LAeq	107.6 dB
Fred:	54.2 LAeq	115.6 dB
Hollinger Office:	60.7 LAeq	116.8 dB
Noah:	65.5 LAeq	116.9 dB
Sandy:	59.2 LAeq	115.9 dB
Water Tower:	60.3 LAeq	121.1 dB
Wilson:	58.1 LAeq	117.7 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:	n/a	n/a	10.4	29.1
Edwards:	13.8	21.2	18.2	45.4
Hollinger Office:	23.7	42.2	13.5	44.4
Hollinger Park:	21.6	64.4	21.6	95.7
Sandy:	55.8	141.6	57.7	163.7

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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:	0.8	1.6
Edwards:	1.5	2.3
Hollinger Office:	2.7	4.7
Hollinger Park:	1.2	5.0
Sandy:	7.0	21.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	1.5	1.0
Edwards:	0.3	0.5	0.3
Hollinger Office:	0.7	0.3	0.6
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.2
Moneta Pumping Station:	0.6	0.2	0.3
Sandy:	0.2	0.4	0.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.4	0.3	0.4