

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_060D/3370\_Knob/3370\_126  
**Date:** 13-Feb-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 9145 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: SW  
Temperature: -27.4 °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:	55.3 LAeq	107.4 dB
Edwards:	51.0 LAeq	99.9 dB
Fred:	39.7 LAeq	104.0 dB
Hollinger Office:	58.2 LAeq	103.0 dB
Noah:	58.6 LAeq	101.9 dB
Sandy:	48.0 LAeq	107.0 dB
Water Tower:	45.5 LAeq	112.4 dB
Wilson:	52.3 LAeq	104.6 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:	10.7	13.2	4.2	5.7
Edwards:	2.7	3.2	8.5	11.6
Hollinger Office:	4.8	6.0	6.4	10.7
Hollinger Park:	3.6	4.4	5.5	11.2
Sandy:	2.0	2.4	5.4	6.2

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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:	3.2	4.4
Edwards:	3.5	4.7
Hollinger Office:	6.0	7.7
Hollinger Park:	3.6	4.8
Sandy:	1.9	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.8	0.3	0.4
Imerys:	0.4	0.4	0.6
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	2.5	1.9	1.6
Sandy:	1.7	1.7	1.6
Water Tower:	0.4	0.4	0.5
Wilson:	1.3	1.0	1.4