

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_041 and 3394\_082  
**Date:** 24-May-15  
**Blast Time:** 11:50  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height:	none	m
Boundary Layer Height:	480	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	5	km/hr
Wind Direction:	W	
Temperature:	15.1	°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:	54.1 LAeq	115.6	dB
Edwards:	56.3 LAeq	107.7	dB
Fred:	48.8 LAeq	103.7	dB
Hollinger Office:	62.5 LAeq	113.9	dB
Noah:	60.3 LAeq	105.3	dB
Sandy:	56.8 LAeq	96.3	dB
Water Tower:	51.8 LAeq	111.9	dB
Wilson:	48.4 LAeq	99.0	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:	18.3	22.0	30.2	40.9
Edwards:	16.4	19.6	31.0	44.6
Hollinger Office:	29.1	59.4	42.9	81.3
Hollinger Park:	15.9	18.1	36.3	42.0
Sandy:	9.6	10.0	33.9	37.2

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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:	0.7	1.1
Edwards:	3.2	8.4
Hollinger Office:	2.7	6.2
Hollinger Park:	1.9	4.4
Sandy:	0.9	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.7	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.7	0.5	1
Sandy:	1.2	1.7	0.9
Water Tower:	0.5	0.1	0.4
Wilson:	0.5	0.4	0.4