

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_048  
**Date:** 28-Sep-15  
**Blast Time:** 15:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 732 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 20.7 °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:	57.8 LAeq	108.4 dB
Edwards:	55.9 LAeq	105.6 dB
Fred:	47.5 LAeq	102.5 dB
Hollinger Office:	60.8 LAeq	113.5 dB
Noah:	61.8 LAeq	114.5 dB
Sandy:	55.1 LAeq	106.7 dB
Water Tower:	50.3 LAeq	110.2 dB
Wilson:	54.0 LAeq	105.4 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:	11.6	11.8	18.1	19.0
Edwards:	13.2	14.1	30.7	34.1
Hollinger Office:	25.2	32.3	28.0	39.1
Hollinger Park:	15.3	16.9	26.5	32.0
Sandy:	13.1	14.5	21.1	23.4

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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:	1.5	2.7
Edwards:	2.5	4.9
Hollinger Office:	8.1	26.4
Hollinger Park:	2.1	3.0
Sandy:	1.1	1.7

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

**Vibration Alert: No exceedances recorded**

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