

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_044/045  
**Date:** 12-Oct-15  
**Blast Time:** 15:43  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 10:00

## Blast Conditions

Ceiling Height: 1420 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 18.2 °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:	54.5 LAeq	104.9 dB
Edwards:	53.8 LAeq	103.3 dB
Fred:	46.4 LAeq	103.9 dB
Hollinger Office:	64.7 LAeq	114.7 dB
Noah:	63.8 LAeq	104.0 dB
Sandy:	50.6 LAeq	103.0 dB
Water Tower:	49.7 LAeq	107.3 dB
Wilson:	47.3 LAeq	107.2 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Faulty TSP Sensor at Edwards.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	13.5	14.3	20.3	21.3
Edwards:	12.1	12.7	168517.7	177764.0
Hollinger Office:	12.6	14.2	22.0	23.7
Hollinger Park:	16.2	17.3	26.9	33.0
Sandy:	15.7	16.8	20.4	22.6

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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:	2.2	3.5
Edwards:	2.2	3.8
Hollinger Office:	2.7	8.5
Hollinger Park:	1.7	3.3
Sandy:	1.2	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.9	0.3	0.7
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.2	0.7
Noah:	0.5	0.3	0.9
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.6	1.4	1.8
Water Tower:	0.4	0.2	0.7
Wilson:	0.6	0.3	0.8