

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_068C/3364\_56E  
**Date:** 29-Dec-15  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 7:00

## Blast Conditions

Ceiling Height: 1036 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15 km/hr  
Wind Direction: NE  
Temperature: -13.2 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due blast sirens.**

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	56.9 LAeq	110.9 dB
Edwards:	54.7 LAeq	111.7 dB
Fred:	43.1 LAeq	107.4 dB
Hollinger Office:	53.4 LAeq	114.2 dB
Noah:	56.7 LAeq	114.8 dB
Sandy:	53.5 LAeq	111.7 dB
Water Tower:	50.9 LAeq	110.7 dB
Wilson:	52.3 LAeq	115.3 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Exceeded at Hollinger office and Hollinger Park but not at 24 hour compliance.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	7.6	2.9	4.4
Edwards:	40.1	51.2	4.4	5.3
Hollinger Office:	101.9	113.0	9.6	16.7
Hollinger Park:	69.2	82.1	19.3	27.6
Sandy:	43.9	69.5	13.4	25.9

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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:	1.0	1.4
Edwards:	5.2	7.9
Hollinger Office:	4.5	9.1
Hollinger Park:	3.1	5.3
Sandy:	25.7	138.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.8	0.6
Edwards:	0.3	0.5	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	1.8	0.2	0.5
Imerys:	0.3	0.4	0.5
Noah:	0.5	0.2	0.6
Moneta Pumping Station:	0.4	0.5	0.8
Sandy:	6.8	3.9	3.8
Water Tower:	0.2	0.4	0.6
Wilson:	1.3	0.7	2.2