

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_076
Date: 13-Aug-15
Blast Time: 15:42
Blast Sign Activation: 12:00
Website Notification Time: 8:45

Blast Conditions

Ceiling Height: 2700 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 16 km/hr
Wind Direction: S
Temperature: 23.2 °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**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.2 LAeq	100.2 dB
Edwards:	50.7 LAeq	104.9 dB
Fred:	49.1 LAeq	102.2 dB
Hollinger Office:	62.8 LAeq	105.6 dB
Noah:	60.8 LAeq	112.6 dB
Sandy:	56.2 LAeq	111.4 dB
Water Tower:	55.7 LAeq	117.2 dB
Wilson:	55.5 LAeq	109.8 dB

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

Dust Alert: Malfunction in TSP unit at Edward Stations

(bugs have gotten caught inside sensor, repairs in progress on Edwards)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	9.8	8.9	10.2
Edwards:	3.9	4.6	306.3	308.5
Hollinger Office:	47.7	107.7	48.6	137.9
Hollinger Park:	11.3	22.2	24.1	60.7
Sandy:	7.9	11.7	16.8	26.6

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.4	5.0
Edwards:	0.8	2.1
Hollinger Office:	7.8	33.8
Hollinger Park:	5.5	26.0
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.8	0.3	0.5
Imerys:	0.3	0.3	0.5
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.5	0.3
Water Tower:	0.9	0.6	1.2
Wilson:	0.7	0.6	0.6