

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_036
Date: 22-Aug-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7500 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: 20.2 °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:	54.1 LAeq	102.9 dB
Edwards:	55.4 LAeq	102.5 dB
Fred:	52.9 LAeq	100.2 dB
Hollinger Office:	57.3 LAeq	111.2 dB
Noah:	60.6 LAeq	109.2 dB
Sandy:	53.1 LAeq	108.6 dB
Water Tower:	60.8 LAeq	114.0 dB
Wilson:	54.4 LAeq	105.2 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 and Sandy)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.1	6.6	7.5
Edwards:	2.8	3.9	11.9	16.1
Hollinger Office:	31.1	290.1	49.5	436.1
Hollinger Park:	4.8	6.9	11.9	18.2
Sandy:	2.4	3.6	10.3	13.8

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	3.3
Edwards:	2.0	3.5
Hollinger Office:	21.0	145.5
Hollinger Park:	7.4	44.3
Sandy:	0.4	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.5	0.4	1.3
Hollinger West:	0.3	0.1	0.2
Imerys:	1.2	1.1	1.1
Noah:	0.9	1.2	1.5
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.3	1.2	2.6
Water Tower:	2.1	1.2	3.7
Wilson:	0.7	0.7	0.6