

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_051/053
Date: 18-Aug-15
Blast Time: 15:40
Blast Sign Activation: 7:50
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8.5 km/hr
Wind Direction: E
Temperature: 15.4 °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	104.4 dB
Edwards:	53.8 LAeq	97.4 dB
Fred:	48.3 LAeq	94.4 dB
Hollinger Office:	58.8 LAeq	107.8 dB
Noah:	60.3 LAeq	109.7 dB
Sandy:	57.8 LAeq	117.0 dB
Water Tower:	56.2 LAeq	112.9 dB
Wilson:	55.4 LAeq	110.6 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:	5.1	5.3	4.6	5.3
Edwards:	1.7	2.0	7.5	10.9
Hollinger Office:	4.9	5.2	9.0	9.6
Hollinger Park:	16.3	29.8	23.2	48.9
Sandy:	7.2	14.2	10.4	26.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.0	1.5
Edwards:	0.8	1.1
Hollinger Office:	1.4	1.8
Hollinger Park:	2.4	4.2
Sandy:	19.8	59.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.9	0.6	1.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.2	0.4