

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_077/3382_103
Date: 23-Aug-15
Blast Time: 15:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1600 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 25.3 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.7 LAeq	108.1 dB
Edwards:	51.9 LAeq	107.2 dB
Fred:	49.9 LAeq	114.1 dB
Hollinger Office:	60.6 LAeq	115.8 dB
Noah:	62.0 LAeq	111.0 dB
Sandy:	62.3 LAeq	114.6 dB
Water Tower:	64.6 LAeq	118.9 dB
Wilson:	53.9 LAeq	112.0 dB

Dust Levels (µg/m³) – 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:	7.2	11.7	10.3	17.7
Edwards:	9.8	10.3	17.6	21.0
Hollinger Office:	170.0	462.1	144.0	343.9
Hollinger Park:	18.5	24.7	23.7	27.9
Sandy:	11.8	13.0	16.1	20.1

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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:	0.6	1.6
Edwards:	0.9	1.9
Hollinger Office:	10.3	32.6
Hollinger Park:	2.0	8.1
Sandy:	0.3	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.1	0.2
Moneta Pumping Station:	0.8	0.3	0.7
Sandy:	3.2	2.6	2.4
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.7	0.5