

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_150
Date: 14-Jun-16
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 9144
Boundary Layer Height: none
Cloud Cover: 0% Clear
Wind Speed: 5 km/hr
Wind Direction: E
Temperature: 18.4 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.2 LAeq	100.6 dB
Edwards:	51.3 LAeq	98.0 dB
Fred:	43.1 LAeq	92.6 dB
Hollinger Office:	61.3 LAeq	107.3 dB
Noah:	59.9 LAeq	113.1 dB
Sandy:	55.5 LAeq	103.9 dB
Water Tower:	LAeq	dB
Wilson:	48.6 LAeq	99.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	4.5	7.1	7.8
Edwards:	3.8	4.4	0.0	0.0
Hollinger Office:	9.0	11.0	9.5	12.9
Hollinger Park:	8.7	11.1	13.1	23.5
Sandy:	8.5	11.7	17.3	28.3

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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:	1.6	2.7
Edwards:	0.0	0.0
Hollinger Office:	2.7	4.4
Hollinger Park:	1.5	4.0
Sandy:	7.9	17.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.9	0.4	1.3
Hollinger West:	0.3	0.2	0.4
Imerys:	1.6	1.7	2.2
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.4	0.2
Water Tower:	2.4	1.4	3.3
Wilson:	0.4	0.3	0.4