

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_019
Date: 5-Oct-16
Blast Time: 11:39
Blast Sign Activation: 10:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 370
Boundary Layer Height: none
Cloud Cover: 75% Cloudy
Wind Speed: 6.7
Wind Direction: NNE
Temperature: 17.2 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.3 LAeq	101.6 dB
Edwards:	53.1 LAeq	112.2 dB
Fred:	46.3 LAeq	109.0 dB
Hollinger Office:	66.9 LAeq	108.7 dB
Noah:	62.6 LAeq	111.0 dB
Sandy:	64.8 LAeq	107.9 dB
Water Tower:	61.1 LAeq	115.6 dB
Wilson:	53.0 LAeq	109.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	10.3	13.7	15.6
Edwards:	10.3	10.8	18.7	20.9
Hollinger Office:	12.3	19.5	25.7	51.0
Hollinger Park:	11.0	15.9	25.9	46.4
Sandy:	9.9	11.6	19.4	22.5

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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:	3.3	7.7
Edwards:	0.5	1.2
Hollinger Office:	6.1	14.3
Hollinger Park:	1.9	10.3
Sandy:	1.0	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	1.7	1.3	1.8
Imerys:	0.3	0.6	0.5
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.3	0.2	0.2
Water Tower:	0.8	0.5	1.5
Wilson:	3	2.9	3.1