

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_73/74
Date: 07-May-16
Blast Time: 15:59
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1158 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: N
Temperature: 8.9 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.5 LAeq	112.9 dB
Edwards:	54.6 LAeq	100.0 dB
Fred:	46.6 LAeq	111.0 dB
Hollinger Office:	57.3 LAeq	107.8 dB
Noah:	61.2 LAeq	109.0 dB
Sandy:	54.6 LAeq	113.3 dB
Water Tower:	50.6 LAeq	115.1 dB
Wilson:	52.7 LAeq	110.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.2	10.9	1.7	2.8
Edwards:	3.3	4.4	5.5	14.6
Hollinger Office:	10.6	12.5	9.0	13.6
Hollinger Park:	26.6	53.8	40.0	92.0
Sandy:	4.0	4.7	3.8	5.9

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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:	0.6	1.5
Edwards:	0.5	0.8
Hollinger Office:	1.1	2.6
Hollinger Park:	0.9	1.1
Sandy:	6.5	24.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.6	0.4	1.0
Hollinger West:	2.1	0.0	0.1
Imerys:	0.4	0.5	0.4
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	1.0	1.8	1.3
Sandy:	1.7	0.9	2.0
Water Tower:	1.1	0.5	1.3
Wilson:	1.2	1.4	1.9