

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_094/3370 Outcrop
Date: 06-May-16
Blast Time: 11:40
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 16.9 °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:	53.8 LAeq	104.6 dB
Edwards:	57.7 LAeq	99.5 dB
Fred:	42.8 LAeq	99.7 dB
Hollinger Office:	61.9 LAeq	105.8 dB
Noah:	60.4 LAeq	102.3 dB
Sandy:	54.1 LAeq	100.3 dB
Water Tower:	53.1 LAeq	109.8 dB
Wilson:	51.7 LAeq	101.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.0	12.2	4.5	5.4
Edwards:	7.0	7.6	8.2	9.6
Hollinger Office:	14.4	22.0	13.5	25.0
Hollinger Park:	24.4	43.6	32.8	65.2
Sandy:	5.1	5.5	7.8	9.6

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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	2.6
Edwards:	3.4	8.3
Hollinger Office:	3.2	11.3
Hollinger Park:	1.3	5.2
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.6	0.3	1.0
Hollinger West:	1.7	0.1	0.4
Imerys:	0.3	0.2	0.3
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.3	0.5	0.5
Water Tower:	0.4	0.3	0.4
Wilson:	0.8	0.7	0.8