

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_013
Date: 24-Jun-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 18.1 km/hr
Wind Direction: SE
Temperature: 25.4 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.0 LAeq	104.6 dB
Edwards:	53.9 LAeq	109.7 dB
Fred:	48.2 LAeq	103.2 dB
Hollinger Office:	61.3 LAeq	107.5 dB
Noah:	61.3 LAeq	103.0 dB
Sandy:	62.6 LAeq	110.4 dB
Water Tower:	54.8 LAeq	110.8 dB
Wilson:	48.5 LAeq	106.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	9.1	13.8	21.2
Edwards:	17.2	27.2	33.7	56.9
Hollinger Office:	41.3	53.8	42.4	59.1
Hollinger Park:	17.4	20.2	21.4	25.4
Sandy:	8.9	12.2	14.2	21.2

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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:	1.3	2.9
Edwards:	4.2	7.8
Hollinger Office:	7.2	9.9
Hollinger Park:	1.8	3.1
Sandy:	0.4	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.5	0.2	0.2
Hollinger West:	0.9	1.1	1.2
Imerys:	0.4	0.5	0.5
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.1	1.0	1.4
Water Tower:	0.8	0.7	0.9
Wilson:	3.0	3.3	3.6