

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_101
Date: 1-Jun-17
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 548 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (rain)
Wind Speed: 4.5 km/hr
Wind Direction: W
Temperature: 5.9 °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:	57.8 LAeq	109.5 dB
Edwards:	54.0 LAeq	106.6 dB
Fred:	48.4 LAeq	109.2 dB
Hollinger Office:	56.8 LAeq	107.3 dB
Noah:	62.9 LAeq	106.2 dB
Sandy:	47.0 LAeq	116.6 dB
Water Tower:	61.0 LAeq	117.9 dB
Wilson:	50.9 LAeq	108.7 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	6.5	18.3	18.9
Edwards:	2.9	3.2	4.8	7.3
Hollinger Office:	4.0	4.2	4.5	5.7
Hollinger Park:	2.0	2.2	2.8	3.7
Sandy:	2.6	3.4	2.7	8.0

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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:	2.9	3.6
Edwards:	0.8	1.1
Hollinger Office:	3.3	3.8
Hollinger Park:	4.6	7.9
Sandy:	4.8	9.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	3.4	2.6	4.6
Imerys:	0.4	0.5	0.4
Noah:	0.4	0.7	0.4
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.2	0.2
Water Tower:	0.7	0.4	0.6
Wilson:	1.5	1.0	1.8