

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_109/3346_113E/3352_131
Date: 7-Jul-18
Blast Time: 11:41
Blast Sign Activation: 7:30
Website Notification Time: 7:44

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: SW
Temperature: 24.3 °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:	54.5 LAeq	112.8 dB
Edwards:	53.7 LAeq	110.6 dB
Fred:	45.4 LAeq	104.8 dB
Hollinger Office:	55.0 LAeq	108.4 dB
Noah:	60.4 LAeq	109.2 dB
Sandy:	49.2 LAeq	112.0 dB
Water Tower:	49.6 LAeq	116.0 dB
Wilson:	50.9 LAeq	108.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.1	2.6	3.9
Edwards:	16.7	19.3	30.6	41.8
Hollinger Office:	32.1	67.5	17.1	66.5
Sandy:	4.5	6.3	45.2	46.9

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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:	1.1	1.4
Edwards:	3.2	6.2
Hollinger Office:	7.4	11.2
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	2.3	0.9	2.1
Hollinger West:	0.3	0.5	0.2
Imerys:	4.2	4.1	4.9
Noah:	2.6	1.7	2.1
Moneta Pumping Station:	0.8	0.6	0.5
Sandy:	2.9	2.3	2.5
Water Tower:	6.8	1.8	4.1
Wilson:	2.1	1.9	1.7