

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_155
Date: 10-Jun-18
Blast Time: 15:49
Blast Sign Activation: 8:55
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: E
Temperature: 22.3 °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:	53.9 LAeq	107.6 dB
Edwards:	46.6 LAeq	99.2 dB
Fred:	43.2 LAeq	102.1 dB
Hollinger Office:	54.8 LAeq	111.1 dB
Noah:	60.8 LAeq	104.4 dB
Sandy:	43.1 LAeq	106.4 dB
Water Tower:	47.8 LAeq	103.6 dB
Wilson:	48.3 LAeq	107.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	8.5	0.0	0.0
Edwards:	3.5	4.0	7.8	10.9
Hollinger Office:	10.6	11.8	6.7	13.8
Sandy:	22.6	47.6	31.5	74.7

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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:	0.2	0.3
Edwards:	0.6	0.9
Hollinger Office:	0.9	1.3
Sandy:	12.6	40.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.8	0.6	0.8
Hollinger West:	0.2	0.2	0.2
Imerys:	0.6	0.3	0.4
Noah:	1.2	0.3	0.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.1	0.2
Water Tower:	0.0	0.0	0.0
Wilson:	1.1	0.5	1.3