

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_169
Date: 17-Jul-18
Blast Time: 11:46
Blast Sign Activation: 7:39
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: N
Temperature: 10.5 °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:	57.5 LAeq	111.2 dB
Edwards:	51.8 LAeq	104.0 dB
Fred:	48.1 LAeq	109.2 dB
Hollinger Office:	57.7 LAeq	111.4 dB
Noah:	64.1 LAeq	107.3 dB
Sandy:	50.3 LAeq	109.3 dB
Water Tower:	53.6 LAeq	115.0 dB
Wilson:	51.3 LAeq	112.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.6	1.9	2.9	3.5
Edwards:	3.0	3.1	4.4	5.3
Hollinger Office:	6.7	10.4	9.1	21.4
Sandy:	4.9	7.4	15.4	31.5

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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:	1.0	2.9
Edwards:	0.5	1.1
Hollinger Office:	2.6	3.5
Sandy:	6.7	21.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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