

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_099
Date: 17-Mar-19
Blast Time: 11:45
Blast Sign Activation: 8:05
Website Notification Time: 7:59

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: -8.5 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.9 LAeq	109.7 dB
Edwards:	46.7 LAeq	102.5 dB
Fred:	42.2 LAeq	108.1 dB
Hollinger Office:	52.6 LAeq	111.1 dB
Noah:	56.4 LAeq	110.6 dB
Sandy:	41.5 LAeq	105.5 dB
Water Tower:	46.5 LAeq	115.9 dB
Wilson:	52.9 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	5.3	6.2	7.2
Edwards:	4.9	6.1	9.9	13.0
Hollinger Office:	3.1	4.9	6.6	11.6
Sandy:	3.6	4.6	4.2	4.6

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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:	3.6	17.3
Hollinger Office:	4.1	11.0
Sandy:	1.7	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.7	1.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.4	0.9
Noah:	0.8	0.5	1.3
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.2	0.4
Water Tower:	0.4	0.3	0.4
Wilson:	1.3	1.2	1.3