

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_036
Date: 10-Apr-19
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1300 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -5.7 °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:	53.8 LAeq	101.8 dB
Edwards:	47.7 LAeq	92.6 dB
Fred:	40.9 LAeq	98.2 dB
Hollinger Office:	56.8 LAeq	103.7 dB
Noah:	59.6 LAeq	98.6 dB
Sandy:	40.0 LAeq	108.3 dB
Water Tower:	46.6 LAeq	105.2 dB
Wilson:	45.1 LAeq	102.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	7.2	4.3	5.8
Edwards:	2.7	3.7	13.4	22.7
Hollinger Office:	6.1	8.4	17.0	23.4
Sandy:	5.8	18.7	8.6	36.6

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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:	1.0	1.7
Edwards:	1.8	3.6
Hollinger Office:	6.9	19.7
Sandy:	6.0	15.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.5	0.5
Imerys:	0.1	0.3	0.2
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	0.7	0.7	0.7
Sandy:	3.7	2.7	3.1
Water Tower:	0.3	0.3	0.3
Wilson:	0.8	1.0	0.9
