

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_045
Date: 1-Apr-19
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: 1.6 °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:	54.3 LAeq	114.0 dB
Edwards:	50.4 LAeq	109.2 dB
Fred:	43.3 LAeq	106.0 dB
Hollinger Office:	54.8 LAeq	112.2 dB
Noah:	61.3 LAeq	109.1 dB
Sandy:	45.4 LAeq	108.5 dB
Water Tower:	50.9 LAeq	119.4 dB
Wilson:	54.0 LAeq	110.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.5	21.0	14.8	27.4
Edwards:	36.8	50.7	37.1	61.7
Hollinger Office:	68.1	103.2	85.9	152.6
Sandy:	9.1	13.8	10.5	14.2

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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:	1.8	4.2
Edwards:	6.3	11.8
Hollinger Office:	11.1	19.4
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.6	0.9
Hollinger West:	0.2	0.3	0.4
Imerys:	0.6	0.7	1.1
Noah:	0.8	0.7	1.3
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.5	0.5	0.8
Water Tower:	0.6	0.4	0.6
Wilson:	1.8	0.8	1.4