

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_026
Date: 5-Apr-19
Blast Time: 11:42
Blast Sign Activation: 8:01
Website Notification Time: 7:51

Blast Conditions

Ceiling Height: 6500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22 km/hr
Wind Direction: S
Temperature: 0.7 °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:	53.4 LAeq	108.2 dB
Edwards:	45.8 LAeq	106.0 dB
Fred:	43.1 LAeq	114.1 dB
Hollinger Office:	53.8 LAeq	114.1 dB
Noah:	58.3 LAeq	112.6 dB
Sandy:	46.9 LAeq	111.9 dB
Water Tower:	53.8 LAeq	114.8 dB
Wilson:	51.6 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	12.7	6.4	13.4
Edwards:	13.6	20.8	17.3	31.9
Hollinger Office:	28.8	106.1	23.7	106.6
Sandy:	11.0	15.6	10.3	17.2

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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:	1.0	2.4
Edwards:	0.8	2.0
Hollinger Office:	6.4	24.7
Sandy:	2.8	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.3	0.5	0.6
Imerys:	0.2	0.2	0.4
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.8	0.6	1.0
Sandy:	4.8	3.0	4.0
Water Tower:	0.5	0.3	0.3
Wilson:	1.3	1.1	1.6