

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_029
Date: 22-Mar-19
Blast Time: 15:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 26 km/hr
Wind Direction: NW
Temperature: -8.1 °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:	58.1 LAeq	107.6 dB
Edwards:	53.0 LAeq	108.0 dB
Fred:	53.1 LAeq	114.4 dB
Hollinger Office:	57.2 LAeq	114.8 dB
Noah:	59.9 LAeq	116.6 dB
Sandy:	51.7 LAeq	115.5 dB
Water Tower:	56.7 LAeq	122.7 dB
Wilson:	59.9 LAeq	119.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	7.1	7.0	7.6
Edwards:	6.2	6.4	10.0	11.3
Hollinger Office:	11.6	12.7	8.2	9.5
Sandy:	8.8	10.3	7.2	10.3

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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:	0.5	0.6
Edwards:	1.6	3.1
Hollinger Office:	3.5	5.4
Sandy:	4.3	7.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.4	0.7
Hollinger West:	0.5	0.7	0.4
Imerys:	0.6	0.6	1.0
Noah:	0.8	0.6	1.3
Moneta Pumping Station:	0.9	0.6	0.7
Sandy:	2.4	1.4	1.8
Water Tower:	0.6	0.6	0.6
Wilson:	2.3	3.1	3.2