

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_090
Date: 15-Mar-19
Blast Time: 15:49
Blast Sign Activation: 7:45
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 1600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 31 km/hr
Wind Direction: NW
Temperature: -6.5 °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:	55.5 LAeq	111.9 dB
Edwards:	49.0 LAeq	100.7 dB
Fred:	45.3 LAeq	112.1 dB
Hollinger Office:	55.7 LAeq	112.3 dB
Noah:	60.7 LAeq	110.7 dB
Sandy:	43.2 LAeq	111.4 dB
Water Tower:	52.3 LAeq	117.8 dB
Wilson:	53.9 LAeq	109.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	8.4	8.1	9.8
Edwards:	4.9	5.6	10.8	12.8
Hollinger Office:	2.3	3.0	10.6	14.1
Sandy:	1.1	2.2	9.7	16.2

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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:	1.3	1.7
Edwards:	1.8	2.3
Hollinger Office:	3.9	4.8
Sandy:	2.3	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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