

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_097
Date: 16-Mar-19
Blast Time: 11:49
Blast Sign Activation: 7:40
Website Notification Time: 7:46

Blast Conditions

Ceiling Height: 1900 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: -10.8 °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:	51.8 LAeq	106.9 dB
Edwards:	49.2 LAeq	105.1 dB
Fred:	40.7 LAeq	103.6 dB
Hollinger Office:	52.1 LAeq	106.3 dB
Noah:	55.7 LAeq	104.0 dB
Sandy:	41.0 LAeq	106.6 dB
Water Tower:	46.0 LAeq	113.7 dB
Wilson:	51.1 LAeq	108.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	11.8	7.0	8.4
Edwards:	4.5	9.6	9.3	13.6
Hollinger Office:	6.4	8.7	9.1	10.8
Sandy:	3.1	4.5	5.7	8.2

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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:	1.2	1.4
Edwards:	3.5	19.4
Hollinger Office:	3.9	5.0
Sandy:	3.5	6.2

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:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.6	0.7
Noah:	0.6	0.4	0.9
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.2	0.2
Water Tower:	1.0	0.5	0.4
Wilson:	0.6	0.8	0.8