

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_082
Date: 14-Jan-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -5.9 °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:	48.4 LAeq	105.5 dB
Edwards:	44.2 LAeq	100.1 dB
Fred:	41.4 LAeq	96.7 dB
Hollinger Office:	53.3 LAeq	106.1 dB
Noah:	57.4 LAeq	99.6 dB
Sandy:	45.7 LAeq	106.2 dB
Water Tower:	44.9 LAeq	110.6 dB
Wilson:	49.8 LAeq	100.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.2	5.3	5.9
Edwards:	4.6	6.1	6.1	7.9
Hollinger Office:	6.7	7.1	7.6	9.0
Sandy:	2.9	6.3	5.3	10.9

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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:	2.4	4.5
Edwards:	9.6	19.4
Hollinger Office:	3.0	5.0
Sandy:	4.3	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	1.1	0.8	1.3
Hollinger West:	0.1	0.2	0.2
Imerys:	1.4	1.7	1.6
Noah:	1.1	1.3	1.3
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	0.7	1.0	0.5
Wilson:	0.7	0.7	0.7