

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_092
Date: 21-Feb-19
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: -4.9 °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:	53.1 LAeq	104.0 dB
Edwards:	47.6 LAeq	95.9 dB
Fred:	37.9 LAeq	99.6 dB
Hollinger Office:	52.8 LAeq	107.7 dB
Noah:	56.9 LAeq	103.2 dB
Sandy:	40.7 LAeq	106.7 dB
Water Tower:	45.0 LAeq	112.8 dB
Wilson:	56.8 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	8.0	6.2	6.8
Edwards:	6.5	7.8	10.7	14.7
Hollinger Office:			16.1	17.1
Sandy:	3.5	4.0	5.2	5.5

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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:	3.8	5.3
Edwards:	7.6	16.9
Hollinger Office:	7.0	9.5
Sandy:	4.5	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.8	0.2	0.4
Sandy:	0.4	0.4	0.5
Water Tower:	0.4	0.3	0.3
Wilson:	1.1	1.4	1.2