

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_007A
Date: 6-Dec-18
Blast Time: 13:47
Blast Sign Activation: 8:45
Website Notification Time: 8:33

Blast Conditions

Ceiling Height: 6700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 14.4 °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:	54.4 LAeq	108.9 dB
Edwards:	48.4 LAeq	106.2 dB
Fred:	42.4 LAeq	103.8 dB
Hollinger Office:	54.9 LAeq	108.5 dB
Noah:	58.4 LAeq	108.8 dB
Sandy:	41.4 LAeq	108.4 dB
Water Tower:	48.7 LAeq	119.4 dB
Wilson:	47.2 LAeq	109.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	4.9	2.0	4.6
Edwards:	3.0	4.0	5.9	7.2
Hollinger Office:	10.1	11.0	7.0	9.9
Sandy:	8.6	10.3	5.7	7.5

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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:	0.7	1.2
Edwards:	1.7	2.5
Hollinger Office:	4.8	7.7
Sandy:	3.3	5.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.3	0.2
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.6
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.6	0.5	0.7
Sandy:	1.7	1.1	1.7
Water Tower:	0.4	0.3	0.4
Wilson:	1.2	0.9	2.3