

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_147
Date: 13-Nov-18
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -13 °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:	53.9 LAeq	106.9 dB
Edwards:	47.6 LAeq	105.2 dB
Fred:	41.4 LAeq	102.2 dB
Hollinger Office:	55.4 LAeq	110.1 dB
Noah:	71.9 LAeq	104.7 dB
Sandy:	43.0 LAeq	102.0 dB
Water Tower:	50.3 LAeq	111.8 dB
Wilson:	46.3 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	3.5	4.4	5.4
Edwards:	4.6	7.5	9.7	12.8
Hollinger Office:	5.6	8.8	7.1	10.3
Sandy:	1.8	2.0	6.0	6.7

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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:	2.0	3.3
Edwards:	3.5	5.5
Hollinger Office:	4.8	5.8
Sandy:	2.8	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.6
Edwards:	0.3	0.1	0.2
Hollinger Office:	1.2	0.3	1.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	2.0	2.8	1.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.5