

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_062
Date: 12-Nov-18
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -3 °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:	52.2 LAeq	102.3 dB
Edwards:	45.0 LAeq	95.5 dB
Fred:	42.6 LAeq	93.0 dB
Hollinger Office:	54.3 LAeq	112.6 dB
Noah:	68.9 LAeq	103.1 dB
Sandy:	49.6 LAeq	103.2 dB
Water Tower:	48.2 LAeq	114.0 dB
Wilson:	49.0 LAeq	102.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	4.9	0.0	0.0
Edwards:	6.7	8.5	9.0	10.5
Hollinger Office:	11.7	16.5	9.4	17.4
Sandy:	3.9	4.5	7.4	7.9

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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:	1.2	1.9
Edwards:	1.0	2.0
Hollinger Office:	5.7	31.6
Sandy:	1.6	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.3	0.6	1.7
Hollinger West:	0.5	0.2	0.3
Imerys:	3.2	2	2.2
Noah:	1.5	1.4	1.6
Moneta Pumping Station:	0.4	0.4	0.3
Sandy:	0.5	0.4	0.7
Water Tower:	1.5	1	1.3
Wilson:	1.6	0.9	2.4