

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_065B / 3358_184A
Date: 18-Nov-18
Blast Time: 11:39
Blast Sign Activation: 7:25
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 7000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22 km/hr
Wind Direction: S
Temperature: -9.6 °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:	54.9 LAeq	106.0 dB
Edwards:	48.5 LAeq	100.4 dB
Fred:	42.4 LAeq	102.1 dB
Hollinger Office:	54.2 LAeq	112.9 dB
Noah:	60.2 LAeq	104.0 dB
Sandy:	41.4 LAeq	108.8 dB
Water Tower:	47.0 LAeq	111.6 dB
Wilson:	45.1 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.6	2.0	3.5	4.1
Edwards:	2.9	3.7	4.6	5.5
Hollinger Office:	9.2	15.1	5.4	7.3
Sandy:	2.4	3.6	5.4	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:	1.0	1.2
Edwards:	1.2	1.7
Hollinger Office:	2.6	3.5
Sandy:	1.5	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.6
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.8	0.5	1.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.4	0.6
Noah:	0.5	0.3	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.1	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.3	0.8