

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_139
Date: 17-Nov-18
Blast Time: 11:38
Blast Sign Activation: 7:25
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -5.2 °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:	52.8 LAeq	112.1 dB
Edwards:	49.3 LAeq	112.7 dB
Fred:	46.8 LAeq	109.2 dB
Hollinger Office:	58.1 LAeq	119.7 dB
Noah:	60.2 LAeq	118.0 dB
Sandy:	52.1 LAeq	116.6 dB
Water Tower:	63.6 LAeq	119.0 dB
Wilson:	53.5 LAeq	116.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	9.3	7.5	14.5
Edwards:	11.7	17.5	14.1	22.4
Hollinger Office:	40.7	60.9	38.5	71.1
Sandy:	5.3	13.4	7.1	11.3

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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	1.3
Edwards:	1.1	3.3
Hollinger Office:	1.8	2.5
Sandy:	1.3	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.5
Hollinger West:	0.3	0.2	0.4
Imerys:	0.3	0.4	0.4
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	3.0	1.5	2.8
Sandy:	2.0	1.4	3.2
Water Tower:	0.4	0.4	0.4
Wilson:	1.0	0.8	0.9