

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_133
Date: 24-Feb-19
Blast Time: 13:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19 km/hr
Wind Direction: E
Temperature: -2.9 °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:	42.4 LAeq	97.4 dB
Edwards:	42.2 LAeq	104.9 dB
Fred:	36.8 LAeq	93.5 dB
Hollinger Office:	49.1 LAeq	106.7 dB
Noah:	55.1 LAeq	106.7 dB
Sandy:	40.1 LAeq	103.4 dB
Water Tower:	50.3 LAeq	113.6 dB
Wilson:	51.4 LAeq	106.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.6	6.1	6.5
Edwards:	4.9	5.6	7.9	8.6
Hollinger Office:			7.4	10.6
Sandy:	3.0	3.6	4.2	5.7

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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:	2.6	3.1
Edwards:	3.8	4.3
Hollinger Office:	3.4	3.8
Sandy:	16.9	54.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	0.4	0.3	0.4
Water Tower:	0.1	0.0	0.0
Wilson:	0.2	0.3	0.3