

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_089, 3346_161
Date: 2-Mar-19
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 12000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 4 km/hr
Wind Direction: N
Temperature: -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:	45.8 LAeq	106.4 dB
Edwards:	35.0 LAeq	99.2 dB
Fred:	37.0 LAeq	91.1 dB
Hollinger Office:	49.1 LAeq	113.6 dB
Noah:	52.7 LAeq	102.4 dB
Sandy:	36.3 LAeq	104.0 dB
Water Tower:	42.9 LAeq	109.6 dB
Wilson:	57.9 LAeq	100.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	9.7	5.1	8.3
Edwards:	1.9	2.7	7.3	8.4
Hollinger Office:	2.3	4.4	6.0	6.8
Sandy:	7.1	17.2	12.2	31.1

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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:	1.8	2.2
Edwards:	1.8	2.9
Hollinger Office:	3.5	6.0
Sandy:	12.5	38.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.9
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.8	0.6	1.0
Hollinger West:	0.3	0.2	0.2
Imerys:	0.3	0.3	0.7
Noah:	0.8	0.5	0.6
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.4	0.2	0.4
Wilson:	1.1	0.8	1.4