

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_146
Date: 5-Feb-19
Blast Time: 13:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: -19.3 °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:	62.3 LAeq	108.2 dB
Edwards:	44.1 LAeq	96.0 dB
Fred:	37.4 LAeq	99.4 dB
Hollinger Office:	53.0 LAeq	111.1 dB
Noah:	58.1 LAeq	100.8 dB
Sandy:	38.7 LAeq	104.4 dB
Water Tower:	44.9 LAeq	105.4 dB
Wilson:	49.2 LAeq	103.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	4.8	3.1	4.5
Edwards:	4.7	5.6	6.4	8.2
Hollinger Office:			10.3	12.3
Sandy:	9.3	16.0	7.9	19.1

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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:	1.3	1.8
Edwards:	6.4	15.9
Hollinger Office:	6.3	11.4
Sandy:	2.4	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.6
Edwards:	0.1	0.1	0.3
Hollinger Office:	1.8	1.0	1.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.4	1.5
Noah:	1.0	0.8	0.7
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.3	0.1	0.3
Wilson:	0.7	0.5	0.5