

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_083
Date: 18-Jan-19
Blast Time: 11:41
Blast Sign Activation: 8:30
Website Notification Time: 8:08

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 26 km/hr
Wind Direction: NW
Temperature: -25.1 °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:	55.6 LAeq	114.2 dB
Edwards:	60.0 LAeq	104.6 dB
Fred:	45.5 LAeq	110.7 dB
Hollinger Office:	57.8 LAeq	115.6 dB
Noah:	61.1 LAeq	113.0 dB
Sandy:	43.0 LAeq	113.5 dB
Water Tower:	49.8 LAeq	120.7 dB
Wilson:	51.1 LAeq	113.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	6.6	4.0	6.3
Edwards:	7.7	13.4	6.6	11.3
Hollinger Office:	13.8	16.2	28.4	72.7
Sandy:	8.9	12.9	5.4	10.9

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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:	2.7	3.5
Edwards:	6.4	23.7
Hollinger Office:	5.8	8.3
Sandy:	2.5	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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