

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_074
Date: 7-Dec-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -17.9 °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:	50.2 LAeq	105.7 dB
Edwards:	44.2 LAeq	98.1 dB
Fred:	40.8 LAeq	96.9 dB
Hollinger Office:	55.6 LAeq	107.7 dB
Noah:	57.4 LAeq	99.6 dB
Sandy:	44.6 LAeq	110.4 dB
Water Tower:	47.8 LAeq	107.8 dB
Wilson:	45.9 LAeq	96.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	6.5	1.1	2.9
Edwards:	3.5	6.7	5.6	12.1
Hollinger Office:	4.3	4.8	4.7	7.1
Sandy:	1.2	1.8	1.9	3.3

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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:	1.1	1.9
Edwards:	13.1	22.1
Hollinger Office:	6.0	9.5
Sandy:	4.6	9.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.3
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	0.3	0.2	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	1.1	0.8	1.1
Sandy:	2.4	1.6	4.2
Water Tower:	0.3	0.3	0.3
Wilson:	1.4	1.2	1.8