

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_073
Date: 4-Dec-18
Blast Time: 11:43
Blast Sign Activation: 8:15
Website Notification Time: 8:03

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: -13 °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:	49.2 LAeq	103.8 dB
Edwards:	49.4 LAeq	97.8 dB
Fred:	38.5 LAeq	91.5 dB
Hollinger Office:	54.8 LAeq	110.2 dB
Noah:	58.9 LAeq	103.5 dB
Sandy:	43.9 LAeq	109.2 dB
Water Tower:	46.4 LAeq	110.5 dB
Wilson:	48.5 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	2.5	0.5	1.0
Edwards:	4.5	9.7	4.2	9.5
Hollinger Office:	4.2	5.1	3.3	6.8
Sandy:	4.1	6.4	1.5	2.4

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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:	4.1	6.4
Edwards:	14.6	30.3
Hollinger Office:	10.7	16.7
Sandy:	2.1	3.0

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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.3	0.4
Imerys:	0.3	0.1	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.8	0.5	0.9
Water Tower:	0.1	0.1	0.1
Wilson:	0.5	0.3	0.5