

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_070
Date: 9-Dec-18
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: W
Temperature: -4.9 °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:	55.7 LAeq	114.1 dB
Edwards:	49.7 LAeq	107.5 dB
Fred:	44.3 LAeq	107.5 dB
Hollinger Office:	55.4 LAeq	117.3 dB
Noah:	58.5 LAeq	110.4 dB
Sandy:	47.8 LAeq	113.9 dB
Water Tower:	48.7 LAeq	122.9 dB
Wilson:	46.6 LAeq	115.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.9	3.7	4.5
Edwards:	9.2	12.7	8.9	14.4
Hollinger Office:	8.7	9.1	11.0	12.6
Sandy:	6.2	7.2	6.3	7.9

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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:	1.5	2.0
Edwards:	2.6	3.7
Hollinger Office:	4.4	5.8
Sandy:	1.8	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.4	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.4	0.1
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.7	0.3
Noah:	0.3	0.7	0.3
Moneta Pumping Station:	0.5	0.5	0.6
Sandy:	2.7	1.5	1.5
Water Tower:	0.5	0.4	0.5
Wilson:	1.5	1.9	1.1