

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_045, 3340_048
Date: 24-Sep-18
Blast Time: 11:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5900 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 19 km/hr
Wind Direction: SE
Temperature: 4 °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:	55.8 LAeq	101.7 dB
Edwards:	50.9 LAeq	113.6 dB
Fred:	50.1 LAeq	109.0 dB
Hollinger Office:	67.8 LAeq	118.6 dB
Noah:	61.6 LAeq	109.5 dB
Sandy:	50.5 LAeq	111.3 dB
Water Tower:	53.8 LAeq	117.0 dB
Wilson:	52.9 LAeq	109.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.7	14.9	0.0	0.0
Edwards:	1.0	1.1	5.6	6.9
Hollinger Office:	23.6	122.8	34.8	218.5
Sandy:	3.4	3.8	2.1	3.1

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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:	0.0	0.0
Edwards:	1.3	2.9
Hollinger Office:	26.5	88.7
Sandy:	1.0	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	2.6	2.2	2.0
Imerys:	1.9	1.9	3.6
Noah:	1.1	1.5	1.1
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.3	0.4
Water Tower:	4.9	3.9	7.2
Wilson:	2.5	2.0	2.6