

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_136
Date: 29-Oct-18
Blast Time: 11:54
Blast Sign Activation: 7:55
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: -1.8 °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:	56.0 LAeq	101.2 dB
Edwards:	52.7 LAeq	96.4 dB
Fred:	42.5 LAeq	102.5 dB
Hollinger Office:	67.0 LAeq	108.2 dB
Noah:	62.5 LAeq	104.9 dB
Sandy:	41.5 LAeq	106.7 dB
Water Tower:	48.8 LAeq	106.4 dB
Wilson:	48.4 LAeq	101.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.2	1.6	0.2	0.2
Edwards:	2.4	2.7	6.0	7.2
Hollinger Office:	9.8	13.0	6.1	7.8
Sandy:	2.2	3.6	3.4	5.9

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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:	1.1	1.6
Edwards:	1.9	2.4
Hollinger Office:	4.5	9.0
Sandy:	29.6	33.7

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:	1.3	1	1.7
Hollinger West:	0.2	0.1	0.3
Imerys:	1.9	1.7	1.5
Noah:	1.3	1	1.3
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.2	0.1	0.1
Water Tower:	1.4	0.6	1.9
Wilson:	0.8	0.6	0.5