

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_146
Date: 29-Nov-18
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: -5 °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:	51.9 LAeq	100.5 dB
Edwards:	42.0 LAeq	91.3 dB
Fred:	38.8 LAeq	85.3 dB
Hollinger Office:	54.9 LAeq	105.2 dB
Noah:	59.7 LAeq	100.1 dB
Sandy:	61.7 LAeq	111.5 dB
Water Tower:	45.6 LAeq	107.6 dB
Wilson:	45.0 LAeq	96.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	16.5	7.6	15.0
Edwards:	9.0	15.8	16.1	34.0
Hollinger Office:	15.0	18.5	10.1	18.7
Sandy:	2.8	5.9	4.7	12.3

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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:	4.8	7.3
Edwards:	3.6	5.0
Hollinger Office:	6.0	7.2
Sandy:	3.9	8.9

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:	1.8	2.5	1.9
Hollinger West:	0.1	0.1	0.1
Imerys:	3.0	2.2	1.9
Noah:	0.7	1.4	0.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.2	0.1
Water Tower:	1.5	1.2	1.2
Wilson:	0.4	0.5	0.4