

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_047
Date: 3-Oct-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast rain
Wind Speed: 15 km/hr
Wind Direction: SE
Temperature: 7.5 °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:	55.4 LAeq	108.8 dB
Edwards:	49.8 LAeq	100.8 dB
Fred:	47.6 LAeq	102.8 dB
Hollinger Office:	67.6 LAeq	111.6 dB
Noah:	61.3 LAeq	107.4 dB
Sandy:	50.5 LAeq	108.1 dB
Water Tower:	51.9 LAeq	112.9 dB
Wilson:	53.5 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.6	15.1	3.3	4.1
Edwards:	4.9	5.1	9.4	10.6
Hollinger Office:	15.1	22.1	17.4	31.4
Sandy:	6.2	6.8	5.9	6.9

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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:	0.0	0.0
Edwards:	2.8	3.7
Hollinger Office:	18.3	60.6
Sandy:	1.1	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.4	0.2	0.6
Imerys:	0.4	0.5	0.6
Noah:	0.4	0.5	0.9
Moneta Pumping Station:	1.0	0.7	0.9
Sandy:	1.4	1.7	1.4
Water Tower:	1.0	0.5	0.9
Wilson:	1.1	1.5	1.4