

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_184B
Date: 25-Nov-18
Blast Time: 11:46
Blast Sign Activation: 7:45
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: W
Temperature: 1.3 °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:	55.2 LAeq	108.1 dB
Edwards:	49.9 LAeq	107.6 dB
Fred:	42.3 LAeq	98.9 dB
Hollinger Office:	55.8 LAeq	112.8 dB
Noah:	61.7 LAeq	100.5 dB
Sandy:	43.3 LAeq	115.9 dB
Water Tower:	46.8 LAeq	109.2 dB
Wilson:	46.7 LAeq	101.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.7	8.2	9.6
Edwards:	7.0	11.9	10.2	24.1
Hollinger Office:	4.3	5.4	8.4	10.0
Sandy:	1.7	1.9	6.3	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:	6.9	10.5
Edwards:	13.5	39.9
Hollinger Office:	4.7	5.8
Sandy:	2.9	3.8

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:	0.1	0.1	0.1
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.3	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	2.4	1.5	2.2
Sandy:	2.5	1.5	2.7
Water Tower:	0.4	0.2	0.3
Wilson:	1.0	0.8	1.2