

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3355_008
Date: 10-Dec-18
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: SE
Temperature: -7.9 °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:	51.2 LAeq	105.6 dB
Edwards:	58.8 LAeq	106.7 dB
Fred:	44.0 LAeq	97.4 dB
Hollinger Office:	54.4 LAeq	112.9 dB
Noah:	57.8 LAeq	101.7 dB
Sandy:	47.7 LAeq	99.3 dB
Water Tower:	49.5 LAeq	108.8 dB
Wilson:	50.9 LAeq	100.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.9	4.4	5.9
Edwards:	1.9	2.3	3.9	5.7
Hollinger Office:	16.4	55.5	16.7	113.7
Sandy:	3.0	3.5	4.1	4.7

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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:	1.7	5.0
Edwards:	1.3	2.5
Hollinger Office:	15.1	42.0
Sandy:	5.7	8.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.7	0.4	0.4
Hollinger Office:	4.0	1.5	4.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.9	0.9	1.4
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.3	0.2	0.3