

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_131
Date: 25-Sep-18
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: 15.9 °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:	56.2 LAeq	106.3 dB
Edwards:	51.1 LAeq	103.4 dB
Fred:	46.2 LAeq	100.6 dB
Hollinger Office:	59.0 LAeq	114.4 dB
Noah:	61.1 LAeq	104.9 dB
Sandy:	51.0 LAeq	108.7 dB
Water Tower:	52.8 LAeq	111.1 dB
Wilson:	52.8 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.6	2.5	3.7
Edwards:	4.3	4.9	7.2	8.0
Hollinger Office:	19.2	26.1	13.0	27.5
Sandy:	4.2	4.7	5.7	6.8

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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:	2.9	6.6
Edwards:	2.1	3.4
Hollinger Office:	8.1	19.3
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.4	0.8
Edwards:	0.2	0.2	0.1
Hollinger Office:	1.3	0.8	1.2
Hollinger West:	0.2	0.2	0.5
Imerys:	0.7	0.5	1.1
Noah:	0.8	0.6	0.5
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.5	0.2	0.6
Wilson:	0.9	0.7	0.8