

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_031
Date: 5-Mar-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1800 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -13.6 °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:	56.5 LAeq	102.6 dB
Edwards:	39.4 LAeq	98.8 dB
Fred:	38.5 LAeq	95.6 dB
Hollinger Office:	53.8 LAeq	108.8 dB
Noah:	56.7 LAeq	101.3 dB
Sandy:	42.0 LAeq	105.5 dB
Water Tower:	41.8 LAeq	112.2 dB
Wilson:	42.4 LAeq	102.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	6.0	3.8	4.7
Edwards:	2.4	3.1	7.7	9.1
Hollinger Office:	3.5	5.1	5.2	6.1
Sandy:	1.8	2.1	4.6	5.3

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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:	2.0	2.9
Edwards:	4.9	8.3
Hollinger Office:	4.1	11.0
Sandy:	2.2	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	0.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.8	1.3
Hollinger West:	0.5	0.4	0.3
Imerys:	0.6	1.4	0.9
Noah:	0.8	0.9	1.1
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	0.9	0.8	1.4
Water Tower:	0.4	1.1	1.5
Wilson:	1.6	1.1	1.8