

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_020
Date: 20-Mar-19
Blast Time: 11:56
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5600 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: 3.7 °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:	50.6 LAeq	101.4 dB
Edwards:	46.8 LAeq	101.1 dB
Fred:	44.5 LAeq	96.5 dB
Hollinger Office:	53.5 LAeq	104.7 dB
Noah:	58.9 LAeq	103.2 dB
Sandy:	48.4 LAeq	109.9 dB
Water Tower:	47.5 LAeq	112.2 dB
Wilson:	50.4 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	10.8	11.9	12.3
Edwards:	8.8	9.9	18.5	20.9
Hollinger Office:	16.6	33.2	26.5	82.4
Sandy:	7.1	8.0	13.2	16.0

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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	2.6
Edwards:	5.5	12.6
Hollinger Office:	9.1	28.1
Sandy:	6.8	19.2

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	0.3	0.3
Hollinger West:	0.2	0.4	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	3.0	1.5	2.5
Water Tower:	0.3	0.2	0.2
Wilson:	1.2	1.2	0.9