

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_076, 3352_158
Date: 21-Dec-18
Blast Time: 11:48
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 2200 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 22 km/hr
Wind Direction: N
Temperature: -7.2 °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:	53.6 LAeq	108.3 dB
Edwards:	49.6 LAeq	112.2 dB
Fred:	49.8 LAeq	113.5 dB
Hollinger Office:	55.9 LAeq	113.2 dB
Noah:	60.5 LAeq	111.4 dB
Sandy:	50.9 LAeq	118.0 dB
Water Tower:	52.1 LAeq	117.3 dB
Wilson:	52.3 LAeq	117.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	12.2	21.3	31.3
Edwards:	12.4	18.2	7.7	15.2
Hollinger Office:	10.6	11.9	19.1	29.9
Sandy:	8.4	10.6	12.7	18.1

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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:	0.6	0.9
Edwards:	1.5	2.3
Hollinger Office:	7.6	14.8
Sandy:	6.9	12.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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