

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_062b, 3346_159, 3328_006
Date: 30-Dec-18
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3100 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 23 km/hr
Wind Direction: S
Temperature: -8.9 °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:	49.9 LAeq	108.4 dB
Edwards:	44.8 LAeq	102.6 dB
Fred:	41.5 LAeq	98.7 dB
Hollinger Office:	52.9 LAeq	115.6 dB
Noah:	57.6 LAeq	109.8 dB
Sandy:	47.7 LAeq	108.3 dB
Water Tower:	52.5 LAeq	117.8 dB
Wilson:	55.0 LAeq	107.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.1	5.0	7.3
Edwards:	3.5	4.5	4.5	5.7
Hollinger Office:	23.7	27.6	7.5	9.4
Sandy:	8.0	11.6	15.1	22.6

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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:	0.9	2.1
Edwards:	1.4	4.6
Hollinger Office:	5.2	6.0
Sandy:	2.2	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.5
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.4
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.2	0.9	1.0
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.4	0.7