

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_085
Date: 19-Mar-18
Blast Time: 11:46
Blast Sign Activation: 8:40
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7.2 km/hr
Wind Direction: NW
Temperature: -13.5 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.4 LAeq	97.7 dB
Edwards:	44.0 LAeq	92.0 dB
Fred:	47.1 LAeq	99.6 dB
Hollinger Office:	57.1 LAeq	102.4 dB
Noah:	61.3 LAeq	98.5 dB
Sandy:	40.7 LAeq	103.5 dB
Water Tower:	55.2 LAeq	106.9 dB
Wilson:	54.9 LAeq	102.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.5	2.6	3.9
Edwards:	7.1	10.1	11.8	18.4
Hollinger Office:	16.5	24.9	22.3	29.8
Sandy:	12.2	35.9	10.3	36.7

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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	0.8
Edwards:	1.0	2.4
Hollinger Office:	4.1	6.4
Sandy:	5.7	14.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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