

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_087
Date: 2-Apr-18
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: SW
Temperature: -3.5 °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:	53.1 LAeq	109.4 dB
Edwards:	52.4 LAeq	105.1 dB
Fred:	42.9 LAeq	106.3 dB
Hollinger Office:	54.0 LAeq	107.9 dB
Noah:	60.5 LAeq	106.4 dB
Sandy:	45.6 LAeq	108.1 dB
Water Tower:	50.8 LAeq	116.2 dB
Wilson:	52.0 LAeq	110.0 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:	9.6	15.7	10.0	20.0
Edwards:	9.3	19.9	15.1	33.8
Hollinger Office:	54.6	98.4	49.3	84.4
Sandy:	3.7	5.5	6.1	8.9

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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:	2.9	4.6
Edwards:	3.3	8.0
Hollinger Office:	12.0	16.4
Sandy:	2.1	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.6	1.0
Hollinger West:	0.3	0.3	0.3
Imerys:	1.4	1.5	1.3
Noah:	1.3	1.1	1.3
Moneta Pumping Station:	0.4	0.7	0.3
Sandy:	0.5	0.3	0.6
Water Tower:	0.6	0.6	0.9
Wilson:	0.9	0.9	0.8