

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_185
Date: 10-Mar-18
Blast Time: 15:58
Blast Sign Activation: 8:10
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 2100 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6.4 km/hr
Wind Direction: NNW
Temperature: -4.6 °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:	52.4 LAeq	109.5 dB
Edwards:	46.3 LAeq	98.5 dB
Fred:	43.4 LAeq	102.3 dB
Hollinger Office:	54.3 LAeq	110.5 dB
Noah:	60.8 LAeq	97.7 dB
Sandy:	38.1 LAeq	105.0 dB
Water Tower:	46.6 LAeq	109.3 dB
Wilson:	59.6 LAeq	104.0 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:	4.9	5.5	1.8	2.1
Edwards:	2.8	3.1	4.2	4.8
Hollinger Office:	3.6	5.3	4.4	5.1
Sandy:	6.5	10.0	4.6	9.8

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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:	0.5	1.0
Edwards:	0.9	1.7
Hollinger Office:	2.1	3.2
Sandy:	9.7	10.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.6	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.1	0.1	0.2
Water Tower:	0.3	0.1	0.2
Wilson:	0.3	0.2	0.2