

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_183
Date: 31-Mar-18
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: -6.7 °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:	52.5 LAeq	112.9 dB
Edwards:	49.9 LAeq	102.5 dB
Fred:	41.9 LAeq	102.0 dB
Hollinger Office:	53.0 LAeq	115.3 dB
Noah:	62.0 LAeq	105.3 dB
Sandy:	42.7 LAeq	104.6 dB
Water Tower:	45.0 LAeq	112.2 dB
Wilson:	48.0 LAeq	101.2 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:	13.6	41.9	16.2	60.1
Edwards:	14.1	40.2	19.0	54.2
Hollinger Office:	43.8	92.5	45.4	96.7
Sandy:	5.9	7.7	7.1	9.9

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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:	0.8	2.3
Edwards:	6.3	28.4
Hollinger Office:	8.5	14.3
Sandy:	1.7	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.5	0.7
Edwards:	0.4	0.4	0.5
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.2	0.3	0.3
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.1	0.2
Wilson:	0.3	0.3	0.2