

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_229
Date: 7-Feb-18
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SSW
Temperature: -12.3 °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:	49.6 LAeq	97.3 dB
Edwards:	50.2 LAeq	96.7 dB
Fred:	42.4 LAeq	101.6 dB
Hollinger Office:	54.5 LAeq	106.4 dB
Noah:	61.0 LAeq	102.3 dB
Sandy:	45.4 LAeq	115.4 dB
Water Tower:	45.7 LAeq	112.6 dB
Wilson:	56.9 LAeq	109.8 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:	5.8	7.4	4.4	7.1
Edwards:	4.0	6.2	7.6	14.7
Hollinger Office:	8.2	14.0	12.7	26.2
Sandy:	3.8	6.4	10.9	17.1

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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:	1.3	2.6
Edwards:	8.0	9.7
Hollinger Office:	3.9	5.0
Sandy:	4.6	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.5	0.5	0.4
Imerys:	0.4	0.3	0.3
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.6	0.7	0.6
Sandy:	3.1	3.2	5.1
Water Tower:	0.6	0.4	0.4
Wilson:	1.5	2.0	1.6