

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_101
Date: 14-Apr-18
Blast Time: 11:50
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 23000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 24 km/hr
Wind Direction: N
Temperature: -10.4 °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:	56.2 LAeq	108.8 dB
Edwards:	54.0 LAeq	107.0 dB
Fred:	47.1 LAeq	107.4 dB
Hollinger Office:	56.2 LAeq	106.2 dB
Noah:	61.5 LAeq	108.2 dB
Sandy:	43.8 LAeq	107.0 dB
Water Tower:	50.0 LAeq	110.1 dB
Wilson:	51.1 LAeq	105.9 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:	7.3	8.0	3.4	4.2
Edwards:	8.7	12.0	17.0	29.6
Hollinger Office:	15.1	19.3	14.3	20.9
Sandy:	31.9	60.5	29.7	69.8

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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:	0.3	0.6
Edwards:	0.6	0.9
Hollinger Office:	1.7	2.1
Sandy:	5.8	12.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.8	0.7	1.0
Hollinger West:	0.3	0.3	0.3
Imerys:	1.4	1.8	2.0
Noah:	1.3	1.8	1.3
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.3	0.2	0.5
Water Tower:	0.8	0.8	0.7
Wilson:	1.0	0.6	0.8