

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_130
Date: 10-Oct-17
Blast Time: 15:36
Blast Sign Activation: 7:45
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 5500 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 5.3 km/hr
Wind Direction: NW
Temperature: 9.8 °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:	60.0 LAeq	106.4 dB
Edwards:	57.1 LAeq	103.7 dB
Fred:	48.1 LAeq	106.4 dB
Hollinger Office:	56.8 LAeq	112.1 dB
Noah:	62.1 LAeq	106.7 dB
Sandy:	48.8 LAeq	109.0 dB
Water Tower:	51.1 LAeq	123.4 dB
Wilson:	63.6 LAeq	108.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.0	2.2	2.0	2.5
Edwards:	3.3	4.3	8.6	11.2
Hollinger Office:	5.3	6.0	0.0	0.0
Sandy:	2.2	4.9	4.6	11.0

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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:	1.9	2.2
Edwards:	2.5	3.6
Hollinger Office:	0.0	0.0
Sandy:	5.8	13.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.3	0.3	0.4
Imerys:	1.9	1.0	2.3
Noah:	1.6	0.8	0.9
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.4	0.7
Water Tower:	1.6	0.8	1.8
Wilson:	1.6	0.9	1.0