

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_059
Date: 24-Oct-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2300 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 24 km/hr
Wind Direction: SE
Temperature: 12.2 °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:	55.0 LAeq	118.2 dB
Edwards:	50.5 LAeq	109.5 dB
Fred:	51.7 LAeq	116.4 dB
Hollinger Office:	54.9 LAeq	122.0 dB
Noah:	60.4 LAeq	110.7 dB
Sandy:	53.4 LAeq	111.3 dB
Water Tower:	58.4 LAeq	120.4 dB
Wilson:	56.6 LAeq	112.1 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:	3.3	4.1	10.3	11.0
Edwards:	1.9	2.1	6.9	7.4
Hollinger Office:	3.4	4.3	5.8	8.5
Sandy:	2.5	4.1	5.2	6.4

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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	4.0
Edwards:	0.6	1.6
Hollinger Office:	1.7	4.1
Sandy:	3.2	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.4	0.3	0.7
Imerys:	1.7	1.1	1.1
Noah:	1.0	1.0	1.4
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.6	0.6	0.5
Water Tower:	2.0	1.5	2.1
Wilson:	1.3	1.9	1.2