

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_045
Date: 2-Sep-17
Blast Time: 15:43
Blast Sign Activation: 8:15
Website Notification Time: 8:25

Blast Conditions

Ceiling Height: 7315 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: 20.1 °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:	53.1 LAeq	103.3 dB
Edwards:	52.1 LAeq	111.0 dB
Fred:	48.8 LAeq	105.8 dB
Hollinger Office:	54.5 LAeq	116.4 dB
Noah:	60.2 LAeq	109.7 dB
Sandy:	51.3 LAeq	110.4 dB
Water Tower:	54.3 LAeq	116.4 dB
Wilson:	52.2 LAeq	109.2 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:	3.9	5.3	5.8	8.9
Edwards:	4.0	4.3	9.1	10.0
Hollinger Office:	39.8	62.7	46.3	73.8
Sandy:	6.4	7.1	8.9	11.6

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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:	3.4	9.6
Edwards:	1.6	3.2
Hollinger Office:	3.9	8.1
Sandy:	0.4	0.6

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	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.1	0.8	1.5
Imerys:	0.7	0.6	0.5
Noah:	0.5	0.7	0.5
Moneta Pumping Station:	0.6	0.4	1.0
Sandy:	1.9	1.0	1.7
Water Tower:	0.6	0.5	0.9
Wilson:	3.9	2.6	3.8