

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_123
Date: 28-Sep-17
Blast Time: 8:00
Blast Sign Activation: 8:00
Website Notification Time: 11:38

Blast Conditions

Ceiling Height: 5500 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 10 °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:	54.6 LAeq	102.0 dB
Edwards:	56.5 LAeq	101.3 dB
Fred:	43.8 LAeq	97.8 dB
Hollinger Office:	56.2 LAeq	109.4 dB
Noah:	62.8 LAeq	104.2 dB
Sandy:	47.5 LAeq	104.6 dB
Water Tower:	49.6 LAeq	112.3 dB
Wilson:	60.5 LAeq	101.9 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:	1.5	2.1	0.0	0.0
Edwards:	7.5	16.6	11.4	28.3
Hollinger Office:	44.2	99.9	39.2	127.0
Sandy:	1.5	2.0	0.7	1.2

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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:	0.6	1.6
Edwards:	6.4	14.3
Hollinger Office:	5.4	11.1
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.4	1.1
Hollinger West:	0.2	0.2	0.2
Imerys:	0.9	0.4	0.7
Noah:	0.9	0.5	1.1
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.4	0.2	0.3
Water Tower:	0.4	0.3	0.5
Wilson:	1.1	0.5	1.2