

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_060 & 3358_116 B&C
Date: 3-Aug-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6700 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially cloudy
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: 16.4 °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:	54.1 LAeq	100.8 dB
Edwards:	46.3 LAeq	94.9 dB
Fred:	42.7 LAeq	91.9 dB
Hollinger Office:	56.7 LAeq	109.3 dB
Noah:	61.8 LAeq	103.4 dB
Sandy:	45.0 LAeq	108.0 dB
Water Tower:	52.3 LAeq	110.0 dB
Wilson:	47.6 LAeq	107.3 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	3.6	0.5	1.2
Edwards:	4.8	5.3	8.2	9.2
Hollinger Office:	14.8	19.5	8.0	13.1
Sandy:	9.2	12.9	8.3	13.9

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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	2.0
Edwards:	2.1	2.4
Hollinger Office:	6.3	13.1
Sandy:	11.2	18.8

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:	0.4	0.2	0.3
Hollinger West:	4.1	3.8	5.0
Imerys:	1.0	0.8	1.1
Noah:	0.9	0.8	0.7
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.5	0.4	0.5
Water Tower:	2.0	0.9	1.8
Wilson:	4.6	2.9	3.1