

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_098 W/S
Date: 14-Apr-17
Blast Time: 11:44
Blast Sign Activation: 8:30
Website Notification Time: 8:10

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: NNW
Temperature: 10.7 °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:	51.9 LAeq	100.7 dB
Edwards:	53.5 LAeq	94.8 dB
Fred:	41.0 LAeq	92.9 dB
Hollinger Office:	64.7 LAeq	107.0 dB
Noah:	59.7 LAeq	104.6 dB
Sandy:	58.8 LAeq	108.0 dB
Water Tower:	45.9 LAeq	115.0 dB
Wilson:	44.9 LAeq	103.9 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:	13.8	15.0	16.7	18.5
Edwards:	11.7	14.9	21.0	30.0
Hollinger Office:	15.5	17.5	24.9	33.2
Hollinger Park:	15.7	26.4	30.6	54.0
Sandy:	18.3	90.2	34.7	226.3

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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:	5.1	6.4
Edwards:	2.1	4.8
Hollinger Office:	2.8	3.2
Hollinger Park:	2.0	5.1
Sandy:	7.2	14.3

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:	0.3	0.3	0.2
Imerys:	0.5	0.3	0.5
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	1.3	1.4	1.3
Water Tower:	0.3	0.3	0.4
Wilson:	0.9	0.6	0.8