

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_099 W/S
Date: 23-Apr-17
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: W
Temperature: 0.5 °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:	54.8 LAeq	111.6 dB
Edwards:	49.8 LAeq	101.4 dB
Fred:	45.1 LAeq	108.6 dB
Hollinger Office:	55.2 LAeq	109.7 dB
Noah:	61.1 LAeq	106.8 dB
Sandy:	49.0 LAeq	113.0 dB
Water Tower:	50.6 LAeq	114.3 dB
Wilson:	45.2 LAeq	107.7 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:	6.4	6.9	1.1	2.7
Edwards:	2.1	2.5	6.9	10.9
Hollinger Office:	10.0	11.4	11.2	15.9
Hollinger Park:	30.3	37.2	37.9	55.6
Sandy:	10.3	30.3	12.1	62.4

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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:	2.9	3.7
Edwards:	0.0	0.2
Hollinger Office:	1.7	4.1
Hollinger Park:	2.2	2.9
Sandy:	6.8	15.3

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:	0.0	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.5	0.3	0.2
Imerys:	0.4	0.2	0.2
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.7	1.0	0.9
Water Tower:	0.5	0.5	0.4
Wilson:	1.4	0.9	1.1