

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_097
Date: 4-Apr-17
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4200 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast Rain
Wind Speed: 14 km/hr
Wind Direction: N
Temperature: 4.2 °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:	58.8 LAeq	105.4 dB
Edwards:	51.3 LAeq	99.3 dB
Fred:	46.9 LAeq	99.8 dB
Hollinger Office:	58.3 LAeq	107.8 dB
Noah:	63.1 LAeq	103.0 dB
Sandy:	53.1 LAeq	109.2 dB
Water Tower:	58.0 LAeq	114.1 dB
Wilson:	50.5 LAeq	103.6 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:	6.6	7.0	7.6	8.3
Edwards:	3.2	3.4	4.6	6.1
Hollinger Office:	8.0	8.3	10.7	11.6
Hollinger Park:	4.8	5.5	7.9	9.4
Sandy:	5.0	8.4	5.8	13.0

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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:	3.0	3.4
Edwards:	1.4	2.3
Hollinger Office:	5.5	7.3
Hollinger Park:	2.4	3.2
Sandy:	25.2	77.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.7	0.3	0.6
Hollinger West:	0.3	0.1	0.4
Imerys:	0.5	0.5	0.6
Noah:	0.9	0.4	1.0
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	0.5	0.8	0.5
Water Tower:	0.4	0.3	0.3
Wilson:	0.8	0.9	1.1