

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_044
Date: 9-Jul-15
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 m
Boundary Layer Height: None m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 24 °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:	57.5 LAeq	107.5 dB
Edwards:	50.8 LAeq	107.2 dB
Fred:	49.5 LAeq	98.9 dB
Hollinger Office:	58.7 LAeq	106.7 dB
Noah:	61.9 LAeq	104.4 dB
Sandy:	53.9 LAeq	102.6 dB
Water Tower:	59.8 LAeq	109.8 dB
Wilson:	50.4 LAeq	100.1 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:	11.3	14.5	21.2	26.9
Edwards:	9.0	11.3	25.0	33.5
Hollinger Office:	24.2	46.0	33.0	59.0
Hollinger Park:	12.1	16.1	32.5	40.4
Sandy:	8.6	17.8	24.7	39.0

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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:	2.0	2.4
Edwards:	7.2	22.1
Hollinger Office:	4.0	6.4
Hollinger Park:	3.2	4.2
Sandy:	2.6	8.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.2	0.5	0.3
Moneta Pumping Station:	0.0	0.0	0
Sandy:	3.4	2.2	3.0
Water Tower:	0.6	0.2	0.4
Wilson:	0.9	0.9	0.7