

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_112
Date: 8-Jun-15
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 270 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 12.4 °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:	56.7 LAeq	103.8 dB
Edwards:	55.6 LAeq	105.0 dB
Fred:	51.4 LAeq	100.3 dB
Hollinger Office:	58.1 LAeq	109.1 dB
Noah:	62.3 LAeq	102.7 dB
Sandy:	53.3 LAeq	99.2 dB
Water Tower:	54.0 LAeq	107.3 dB
Wilson:	57.2 LAeq	101.1 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:	7.1	9.1	1.9	4.5
Edwards:	4.4	6.1	7.9	13.5
Hollinger Office:	5.8	6.8	3.1	4.5
Hollinger Park:	4.8	5.7	3.8	5.5
Sandy:	2.6	3.1	5.3	7.8

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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:	0.4	1.3
Edwards:	4.6	9.4
Hollinger Office:	4.2	4.7
Hollinger Park:	6.5	8.6
Sandy:	2.5	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No Exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.7	0.7	1
Sandy:	2.4	2.1	1.8
Water Tower:	0.5	0.1	0.4
Wilson:	0.7	0.6	0.7