

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_178 & 107
Date: 9-Sep-16
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 19.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: No Exceedances recorded.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.7 LAeq	108.8 dB
Edwards:	56.8 LAeq	107.0 dB
Fred:	44.5 LAeq	99.5 dB
Hollinger Office:	58.7 LAeq	113.3 dB
Noah:	62.9 LAeq	108.3 dB
Sandy:	50.4 LAeq	112.4 dB
Water Tower:	56.0 LAeq	116.3 dB
Wilson:	67.4 LAeq	103.4 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:	3.8	4.1	5.2	6.9
Edwards:	6.9	7.7	9.5	11.4
Hollinger Office:	19.6	40.8	23.3	52.6
Hollinger Park:	11.2	16.3	21.2	32.0
Sandy:	5.4	6.5	9.4	10.5

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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:	0.6	1.5
Edwards:	4.3	7.2
Hollinger Office:	4.5	7.4
Hollinger Park:	2.0	3.2
Sandy:	0.5	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.8	0.9
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	1.0
Hollinger West:	0.3	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.6	0.5	0.7
Sandy:	0.9	0.9	0.8
Water Tower:	0.4	0.2	0.6
Wilson:	1.7	1.1	1.3