

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_187
Date: 12-Oct-16
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 6096 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15.7 km/hr
Wind Direction: N
Temperature: 16.5 °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:	55.1 LAeq	102.6 dB
Edwards:	54.0 LAeq	106.5 dB
Fred:	47.3 LAeq	108.0 dB
Hollinger Office:	62.0 LAeq	112.1 dB
Noah:	60.4 LAeq	109.5 dB
Sandy:	53.0 LAeq	108.9 dB
Water Tower:	58.1 LAeq	115.5 dB
Wilson:	52.2 LAeq	105.9 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:	8.3	9.0	15.0	17.1
Edwards:	11.0	12.0	17.6	18.9
Hollinger Office:	29.5	62.5	33.7	56.3
Hollinger Park:	12.5	16.5	22.7	35.3
Sandy:	14.5	15.5	15.8	17.8

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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:	1.6	2.9
Edwards:	1.3	2.7
Hollinger Office:	11.2	24.8
Hollinger Park:	2.7	4.3
Sandy:	3.9	6.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.4	0.2	0.3
Imerys:	0.6	0.4	0.5
Noah:	0.7	0.4	0.8
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	1.3	1.3	1.1
Water Tower:	0.7	0.5	0.7
Wilson:	1.3	1.5	1.5