

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_149 and 3370_062
Date: 18-Jun-16
Blast Time: 15:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9166
Boundary Layer Height: none
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 4.8 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.4 LAeq	110.8 dB
Edwards:	51.4 LAeq	107.4 dB
Fred:	46.2 LAeq	106.3 dB
Hollinger Office:	57.1 LAeq	118.1 dB
Noah:	60.2 LAeq	105.2 dB
Sandy:	51.5 LAeq	108.2 dB
Water Tower:	48.8 LAeq	118.2 dB
Wilson:	46.6 LAeq	105.4 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:	6.0	8.9	15.1	20.8
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	42.5	78.5	36.5	59.7
Hollinger Park:	23.2	31.3	23.3	28.3
Sandy:	13.2	19.3	17.5	23.1

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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:	1.1	2.1
Edwards:	0.0	0.0
Hollinger Office:	4.1	7.0
Hollinger Park:	1.0	3.9
Sandy:	0.3	0.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.2	1.0	2.6
Hollinger West:	0.2	0.2	0.3
Imerys:	1.9	2.3	3
Noah:	1.2	0.7	0.8
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.4	0.2
Water Tower:	3.4	1.1	4.0
Wilson:	0.5	0.4	0.6