

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_104
Date: 12-Feb-16
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9100 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 8.5 km/hr
Wind Direction: NW
Temperature: -27 °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:	60.1 LAeq	115.2 dB
Edwards:	55.5 LAeq	104.5 dB
Fred:	45.8 LAeq	107.7 dB
Hollinger Office:	59.0 LAeq	109.1 dB
Noah:	60.8 LAeq	108.7 dB
Sandy:	52.6 LAeq	109.6 dB
Water Tower:	50.1 LAeq	114.2 dB
Wilson:	54.0 LAeq	109.9 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:	7.1	8.8	0.6	1.2
Edwards:	5.7	7.5	3.6	4.4
Hollinger Office:	7.2	8.6	3.3	4.9
Hollinger Park:	5.6	6.3	2.8	3.6
Sandy:	7.9	12.3	5.8	10.6

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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:	1.8	2.8
Edwards:	3.8	8.0
Hollinger Office:	6.8	11.2
Hollinger Park:	5.4	10.4
Sandy:	3.3	4.8

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	0.3	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	2.3	0.1	0.1
Imerys:	0.1	0.2	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.1	0.3	0.7
Sandy:	0.5	0.6	0.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.5	0.5