

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_120
Date: 20-Feb-16
Blast Time: 13:39
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 839 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6.8 km/hr
Wind Direction: SE
Temperature: -0.7 °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:	54.3 LAeq	107.4 dB
Edwards:	51.8 LAeq	103.2 dB
Fred:	43.7 LAeq	109.4 dB
Hollinger Office:	58.0 LAeq	111.8 dB
Noah:	60.5 LAeq	108.3 dB
Sandy:	54.6 LAeq	104.3 dB
Water Tower:	48.1 LAeq	118.1 dB
Wilson:	53.5 LAeq	108.0 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:	6.4	6.7	3.0	3.3
Edwards:	2.8	3.1	5.0	5.5
Hollinger Office:	4.4	5.3	8.6	11.6
Hollinger Park:	3.6	4.0	4.1	5.5
Sandy:	2.6	3.0	2.5	3.4

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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:	3.0	3.7
Edwards:	3.7	5.0
Hollinger Office:	4.6	5.7
Hollinger Park:	5.2	7.2
Sandy:	2.5	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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