

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_052/053/054/055
Date: 26-Aug-15
Blast Time: 15:38
Blast Sign Activation: 7:30
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 579 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7.5 km/hr
Wind Direction: N
Temperature: 13.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.3 LAeq	102.0 dB
Edwards:	59.4 LAeq	97.0 dB
Fred:	68.5 LAeq	119.0 dB
Hollinger Office:	61.8 LAeq	103.9 dB
Noah:	62.3 LAeq	103.7 dB
Sandy:	51.9 LAeq	118.4 dB
Water Tower:	53.9 LAeq	115.8 dB
Wilson:	50.9 LAeq	108.2 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:	1.9	2.3	3.0	4.3
Edwards:	1.3	1.5	3.5	5.1
Hollinger Office:	6.4	14.7	11.2	19.3
Hollinger Park:	11.6	17.9	18.4	35.3
Sandy:	3.7	8.0	7.1	14.3

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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:	0.5	1.3
Edwards:	0.9	2.0
Hollinger Office:	2.6	3.6
Hollinger Park:	4.2	7.3
Sandy:	5.6	23.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.1	0.0
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.5	0.5
Noah:	0.6	0.3	0.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.9	0.9	1.1
Water Tower:	0.9	0.4	0.6
Wilson:	0.8	0.4	0.5