

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_111 & 3346_027
Date: 3-Jun-17
Blast Time: 11:50
Blast Sign Activation: 7:43
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 2.7 km/hr
Wind Direction: SW
Temperature: 14.8 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	52.8 LAeq	119.0 dB
Edwards:	44.1 LAeq	111.8 dB
Fred:	42.2 LAeq	100.9 dB
Hollinger Office:	52.9 LAeq	121.6 dB
Noah:	61.6 LAeq	115.9 dB
Sandy:	43.7 LAeq	111.9 dB
Water Tower:	46.4 LAeq	119.4 dB
Wilson:	51.6 LAeq	108.6 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:	7.8	8.4	18.4	19.5
Edwards:	4.9	5.3	8.2	11.2
Hollinger Office:	9.4	10.4	9.6	15.9
Hollinger Park:	5.8	6.7	9.2	11.0
Sandy:	5.3	6.3	3.9	5.9

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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:	8.4	19.5
Edwards:	2.2	5.0
Hollinger Office:	6.1	17.9
Hollinger Park:	1.2	1.9
Sandy:	1.7	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.9
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.4	0.3
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	0.8	0.3	0.6
Sandy:	0.4	0.3	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	0.8	0.7	1.0