

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_088
Date: 10-Jul-16
Blast Time: 15:41
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 7315 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 24.6 °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	101.3 dB
Edwards:	52.2 LAeq	92.9 dB
Fred:	42.8 LAeq	88.5 dB
Hollinger Office:	59.5 LAeq	109.4 dB
Noah:	61.7 LAeq	103.9 dB
Sandy:	54.8 LAeq	105.3 dB
Water Tower:	49.9 LAeq	111.6 dB
Wilson:	46.1 LAeq	97.4 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:	5.2	6.7	6.4	12.3
Edwards:	2.4	2.9	9.3	12.9
Hollinger Office:	8.6	20.3	14.4	29.5
Hollinger Park:	4.0	4.8	7.3	10.6
Sandy:	3.1	4.8	4.5	7.0

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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:	2.2	3.7
Edwards:	0.9	2.4
Hollinger Office:	4.4	9.9
Hollinger Park:	0.7	1.1
Sandy:	0.6	0.9

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	0.1	0.1
Hollinger Office:	1.2	0.4	1.0
Hollinger West:	0.3	0.3	0.6
Imerys:	0.8	1.0	1.7
Noah:	0.8	0.7	0.8
Moneta Pumping Station:	0.6	0.3	0.7
Sandy:	0.8	0.9	0.9
Water Tower:	2.0	0.8	3.0
Wilson:	1.4	2.1	1.5