

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_124
Date: 20-Jun-15
Blast Time: 15:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1800 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: 15.6 °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:	52.7 LAeq	101.9 dB
Edwards:	56.1 LAeq	104.2 dB
Fred:	47.7 LAeq	92.3 dB
Hollinger Office:	57.5 LAeq	108.7 dB
Noah:	60.0 LAeq	109.6 dB
Sandy:	55.2 LAeq	106.2 dB
Water Tower:	50.5 LAeq	112.1 dB
Wilson:	49.8 LAeq	110.2 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:	3.8	5.3	8.1	12.6
Edwards:	6.4	7.0	9.1	10.6
Hollinger Office:	24.3	162.4	23.4	128.9
Hollinger Park:	7.2	9.6	11.2	15.5
Sandy:	7.1	8.2	10.4	12.9

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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:	3.3	9.6
Edwards:	0.8	1.7
Hollinger Office:	7.5	27.9
Hollinger Park:	1.6	5.5
Sandy:	0.2	0.4

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:	0.4	0.3	0.3
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.1	0.1	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	1.8	1.8	1.5
Sandy:	2.1	3.6	1.5
Water Tower:	0.0	0.0	0.0
Wilson:	0.3	0.3	0.3