

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_034
Date: 4-Dec-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 121 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: -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:	51.3 LAeq	106.1 dB
Edwards:	49.7 LAeq	106.1 dB
Fred:	40.8 LAeq	95.8 dB
Hollinger Office:	62.4 LAeq	113.8 dB
Noah:	58.1 LAeq	106.2 dB
Sandy:	49.3 LAeq	116.6 dB
Water Tower:	46.9 LAeq	113.0 dB
Wilson:	45.8 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:	3.0	3.1	1.0	1.1
Edwards:	1.3	1.4	4.2	4.8
Hollinger Office:	4.7	7.7	4.8	10.5
Hollinger Park:	3.7	4.4	4.4	6.6
Sandy:	1.4	1.6	2.9	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:	0.4	1.2
Edwards:	0.9	2.0
Hollinger Office:	11.6	34.2
Hollinger Park:	4.2	13.9
Sandy:	0.7	1.2

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:	0.2	0.2	0.2
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.3	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	2.3	1.1	2.0
Sandy:	0.8	1.0	1.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.4	0.7