

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_037
Date: 24-Dec-16
Blast Time: 11:34
Blast Sign Activation: 7:42
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 31 km/hr
Wind Direction: NW
Temperature: -0.2 °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:	56.3 LAeq	112.1 dB
Edwards:	56.1 LAeq	103.9 dB
Fred:	45.7 LAeq	114.3 dB
Hollinger Office:	59.2 LAeq	113.8 dB
Noah:	65.8 LAeq	110.1 dB
Sandy:	56.0 LAeq	112.5 dB
Water Tower:	52.6 LAeq	115.8 dB
Wilson:	47.2 LAeq	108.9 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:	5.7	6.4	6.1	6.6
Edwards:	4.9	5.2	7.1	7.5
Hollinger Office:	7.6	8.3	0.0	0.0
Hollinger Park:	4.6	5.2	8.9	9.9
Sandy:	6.0	14.5	5.6	21.0

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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:	1.2	1.8
Edwards:	1.1	1.9
Hollinger Office:	2.9	3.7
Hollinger Park:	6.3	16.6
Sandy:	6.2	8.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.4	0.2	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.3	0.2
Moneta Pumping Station:	1.5	1.6	1.2
Sandy:	2.1	1.7	1.8
Water Tower:	0.3	0.3	0.3
Wilson:	0.7	0.8	0.7