

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_041
Date: 21-Dec-16
Blast Time: 13:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1219 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 3 km/hr
Wind Direction: SW
Temperature: -3.9 °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:	51.5 LAeq	99.8 dB
Edwards:	54.2 LAeq	95.5 dB
Fred:	40.3 LAeq	88.7 dB
Hollinger Office:	53.8 LAeq	102.0 dB
Noah:	58.8 LAeq	105.8 dB
Sandy:	47.3 LAeq	110.5 dB
Water Tower:	46.0 LAeq	111.4 dB
Wilson:	48.0 LAeq	108.7 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:	7.1	9.0	6.7	8.8
Edwards:	6.5	9.4	10.1	15.3
Hollinger Office:	6.6	9.3	4.1	12.8
Hollinger Park:	4.1	5.3	10.9	13.6
Sandy:	4.1	5.2	5.4	7.4

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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:	9.0	16.4
Edwards:	7.0	14.5
Hollinger Office:	8.6	23.7
Hollinger Park:	10.1	18.1
Sandy:	5.0	7.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	2.3	2.0	3.3
Imerys:	0.8	1.6	0.9
Noah:	1.4	1.2	1.8
Moneta Pumping Station:	0.2	0.3	0.2
Sandy:	0.4	0.7	0.4
Water Tower:	1.2	1.4	1.7
Wilson:	2.9	1.6	2.9