

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_knob
Date: 16-Dec-16
Blast Time: 11:37
Blast Sign Activation: 7:54
Website Notification Time: 7:37

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5.4 km/hr
Wind Direction: NE
Temperature: -14.5 °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:	50.3 LAeq	106.7 dB
Edwards:	62.7 LAeq	102.6 dB
Fred:	40.6 LAeq	96.1 dB
Hollinger Office:	63.7 LAeq	111.8 dB
Noah:	58.1 LAeq	105.3 dB
Sandy:	64.2 LAeq	103.0 dB
Water Tower:	50.5 LAeq	111.0 dB
Wilson:	45.9 LAeq	96.8 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:	4.1	6.3	1.8	5.9
Edwards:	1.6	2.0	3.0	5.3
Hollinger Office:	9.2	12.1	8.3	24.4
Hollinger Park:	2.0	2.6	4.0	5.9
Sandy:	4.7	7.0	5.1	6.6

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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:	1.0	2.6
Edwards:	4.9	8.3
Hollinger Office:	3.8	5.1
Hollinger Park:	6.6	14.1
Sandy:	3.3	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.1	0.1
Noah:	0.4	0.2	0.2
Moneta Pumping Station:	0.1	0.4	0.2
Sandy:	0.1	0.4	0.1
Water Tower:	0.2	1.0	0.1
Wilson:	0.2	0.3	0.2