

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_078
Date: Feb 15, 2017
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 22 km/hr
Wind Direction: NW
Temperature: -13.6 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.8 LAeq	109.5 dB
Edwards:	48.7 LAeq	105.5 dB
Fred:	45.8 LAeq	112.8 dB
Hollinger Office:	56.6 LAeq	111.8 dB
Noah:	58.1 LAeq	108.5 dB
Sandy:	55.2 LAeq	110.6 dB
Water Tower:	57.4 LAeq	118.5 dB
Wilson:	49.4 LAeq	110.8 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:	8.2	8.7	4.6	5.5
Edwards:	3.5	4.1	8.9	10.0
Hollinger Office:	13.0	15.2	12.8	24.9
Hollinger Park:	0.0	0.0	0.0	0.0
Sandy:	11.1	15.3	8.9	11.4

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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:	3.8	4.8
Edwards:	2.3	5.0
Hollinger Office:	13.5	43.3
Hollinger Park:	0.0	0.0
Sandy:	5.8	9.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.6	0.2	0.3
Imerys:	0.7	0.7	0.9
Noah:	1.4	0.5	1.2
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.5	0.7	0.5
Water Tower:	0.7	1.1	0.8
Wilson:	1.2	1.0	1.2