

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_001
Date: 14-Jan-17
Blast Time: 13:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 100 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 19 km/hr
Wind Direction: SW
Temperature: -6.6 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.1 LAeq	110.9 dB
Edwards:	49.4 LAeq	112.0 dB
Fred:	46.8 LAeq	108.7 dB
Hollinger Office:	67.6 LAeq	112.2 dB
Noah:	61.0 LAeq	112.5 dB
Sandy:	47.9 LAeq	112.0 dB
Water Tower:	51.6 LAeq	120.3 dB
Wilson:	58.4 LAeq	112.4 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:	4.4	4.9	4.1	5.1
Edwards:	1.8	2.5	12.1	18.2
Hollinger Office:	17.3	23.3	0.0	0.0
Hollinger Park:	2.4	3.3	7.1	8.3
Sandy:	2.2	4.3	5.0	7.8

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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:	3.4	13.1
Edwards:	5.2	10.8
Hollinger Office:	8.0	11.6
Hollinger Park:	6.0	13.6
Sandy:	1.9	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.6	0.4	0.6
Imerys:	0.6	0.4	0.4
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.6	1.4	1.1
Water Tower:	0.6	0.7	0.5
Wilson:	1.1	0.8	1.7