

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_001
Date: 14-Jan-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 853 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: -8.7 °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:	52.0 LAeq	109.9 dB
Edwards:	59.5 LAeq	110.3 dB
Fred:	46.8 LAeq	115.4 dB
Hollinger Office:	67.3 LAeq	116.1 dB
Noah:	60.0 LAeq	111.2 dB
Sandy:	51.7 LAeq	112.1 dB
Water Tower:	52.9 LAeq	118.3 dB
Wilson:	69.3 LAeq	117.0 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:	4.6	6.1	4.0	4.9
Edwards:	1.2	2.6	10.9	28.8
Hollinger Office:	13.2	20.1	0.0	0.0
Hollinger Park:	1.5	1.7	5.3	6.7
Sandy:	1.0	1.3	3.4	5.0

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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:	0.4	1.6
Edwards:	5.6	15.1
Hollinger Office:	6.7	15.7
Hollinger Park:	3.2	9.0
Sandy:	2.3	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.2	0.1	0.1
Imerys:	0.1	0.1	0.1
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.6	0.4	0.4
Sandy:	0.3	0.6	0.4
Water Tower:	0.2	0.1	0.1
Wilson:	0.4	0.3	0.3