

Hollinger Public Blast Report

Blast Pattern: 3358_141 & 3370_164
Date: 8-Jan-18
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: W
Temperature: -5.3 °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:	60.1 LAeq	105.2 dB
Edwards:	51.4 LAeq	104.0 dB
Fred:	40.8 LAeq	95.4 dB
Hollinger Office:	61.7 LAeq	111.0 dB
Noah:	60.7 LAeq	106.8 dB
Sandy:	43.1 LAeq	117.9 dB
Water Tower:	45.8 LAeq	118.5 dB
Wilson:	53.8 LAeq	105.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.1	25.0	1.1	2.3
Edwards:	10.0	11.5	33.0	41.8
Hollinger Office:	3.3	3.8	41.4	51.9
Sandy:	13.1	16.3	24.6	29.7

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	7.5	10.3
Hollinger Office:	16.2	19.5
Sandy:	5.9	7.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.3	0.1
Edwards:	0.1	0.1	0.0
Hollinger Office:	1.2	1.2	1.8
Hollinger West:	0.3	0.4	0.2
Imerys:	1.4	2.2	1.0
Noah:	1.0	1.1	1.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	3.6	1.9	2.8
Water Tower:	0.3	0.3	0.5
Wilson:	0.6	1.2	1.0