

Hollinger Public Blast Report

Blast Pattern: 3346_061 & 3364_222
Date: 29-Nov-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -6.2 °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:	52.3 LAeq	111.0 dB
Edwards:	51.6 LAeq	103.0 dB
Fred:	47.9 LAeq	97.4 dB
Hollinger Office:	59.0 LAeq	112.7 dB
Noah:	60.3 LAeq	106.7 dB
Sandy:	45.5 LAeq	108.3 dB
Water Tower:	47.8 LAeq	108.7 dB
Wilson:	47.6 LAeq	101.6 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:	3.6	4.3	0.2	0.2
Edwards:	5.2	9.5	5.6	13.6
Hollinger Office:	12.2	36.0	16.1	47.1
Sandy:	1.2	1.3	2.2	3.5

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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:	2.4	4.7
Edwards:	9.3	19.7
Hollinger Office:	7.3	14.0
Sandy:	2.5	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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