

Hollinger Public Blast Report

Blast Pattern: 3364_233A/234 and 3346_091
Date: 29-Mar-18
Blast Time: 11:51
Blast Sign Activation: 8:10
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 900 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 13 km/hr
Wind Direction: NE
Temperature: 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:	55.4 LAeq	96.5 dB
Edwards:	50.6 LAeq	106.6 dB
Fred:	43.1 LAeq	103.1 dB
Hollinger Office:	55.9 LAeq	106.6 dB
Noah:	63.3 LAeq	100.4 dB
Sandy:	45.5 LAeq	111.5 dB
Water Tower:	49.8 LAeq	112.6 dB
Wilson:	47.3 LAeq	110.0 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:	10.3	11.6	9.0	10.2
Edwards:	6.1	7.6	12.5	16.8
Hollinger Office:	12.2	18.8	14.0	28.4
Sandy:	6.6	15.4	10.5	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:	3.8	7.1
Edwards:	12.2	21.0
Hollinger Office:	4.8	7.0
Sandy:	9.4	52.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	1.9	1.7	1.5
Imerys:	0.7	0.5	0.4
Noah:	0.7	0.6	1.0
Moneta Pumping Station:	0.5	0.6	0.6
Sandy:	3.7	3.2	4.1
Water Tower:	0.7	0.5	0.7
Wilson:	0.8	0.7	0.8