

Hollinger Public Blast Report

Blast Pattern: 3376_165
Date: 2-Nov-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 400 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: E
Temperature: 1.8 °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:	56.5 LAeq	107.8 dB
Edwards:	47.6 LAeq	100.2 dB
Fred:	43.6 LAeq	106.4 dB
Hollinger Office:	59.6 LAeq	110.5 dB
Noah:	61.5 LAeq	103.6 dB
Sandy:	47.9 LAeq	97.4 dB
Water Tower:	52.1 LAeq	107.4 dB
Wilson:	52.5 LAeq	98.5 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:	7.7	9.8	5.0	5.9
Edwards:	4.1	4.4	8.2	9.8
Hollinger Office:	9.2	29.3	11.1	42.9
Sandy:	4.8	6.1	6.2	8.6

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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:	3.5	5.2
Edwards:	4.3	6.7
Hollinger Office:	40.5	319.7
Sandy:	5.2	15.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	1.0	1.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.1	0.2	0.1
Imerys:	0.5	0.3	0.2
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.4	0.2	0.2
Wilson:	0.7	0.5	0.6