

Hollinger Public Blast Report

Blast Pattern: 3334_006
Date: 13-Oct-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 700 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 15.3 °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:	56.3 LAeq	109.3 dB
Edwards:	53.0 LAeq	109.4 dB
Fred:	47.7 LAeq	105.3 dB
Hollinger Office:	56.1 LAeq	111.2 dB
Noah:	62.1 LAeq	108.6 dB
Sandy:	51.1 LAeq	110.6 dB
Water Tower:	54.5 LAeq	114.3 dB
Wilson:	52.4 LAeq	109.6 dB

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

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.0	8.0	8.9
Edwards:	1.5	1.9	9.4	13.0
Hollinger Office:	15.3	18.9	14.2	30.0
Sandy:	2.1	2.8	5.8	7.3

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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:	0.6	1.7
Edwards:	5.8	8.8
Hollinger Office:	5.4	8.2
Sandy:	1.0	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.3	0.3	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	3.0	1.6	2.3
Sandy:	1.9	1.9	2.3
Water Tower:	0.5	0.3	0.5
Wilson:	0.7	1.0	0.8