

Hollinger Public Blast Report

Blast Pattern: 3364_197
Date: 8-Oct-16
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1828 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 10.1 °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:	55.6 LAeq	106.1 dB
Edwards:	59.7 LAeq	104.5 dB
Fred:	44.9 LAeq	108.3 dB
Hollinger Office:	56.2 LAeq	106.2 dB
Noah:	60.6 LAeq	106.8 dB
Sandy:	51.5 LAeq	106.4 dB
Water Tower:	50.0 LAeq	114.8 dB
Wilson:	49.2 LAeq	106.9 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:	2.2	4.5	1.4	6.2
Edwards:	5.6	5.9	5.3	9.3
Hollinger Office:	27.1	50.7	21.5	46.1
Hollinger Park:	7.3	8.3	6.3	9.1
Sandy:	2.5	2.9	2.9	4.1

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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:	1.0	2.0
Edwards:	3.8	7.1
Hollinger Office:	5.4	7.6
Hollinger Park:	1.1	1.3
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	1.4	0.6	1.1
Sandy:	0.3	0.8	0.8
Water Tower:	0.3	0.1	0.5
Wilson:	0.3	0.5	0.5