

Hollinger Public Blast Report

Blast Pattern: 3373_023
Date: 18-Nov-15
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 5128 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 19.3 km/hr
Wind Direction: N
Temperature: 8.9 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.7 LAeq	109.1 dB
Edwards:	60.1 LAeq	118.5 dB
Fred:	48.7 LAeq	109.3 dB
Hollinger Office:	58.3 LAeq	114.9 dB
Noah:	63.5 LAeq	112.6 dB
Sandy:	55.5 LAeq	109.0 dB
Water Tower:	60.9 LAeq	116.8 dB
Wilson:	54.9 LAeq	109.9 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:	10.0	10.4	11.5	12.9
Edwards:	10.2	10.5	16.9	18.1
Hollinger Office:	13.1	13.8	14.5	16.5
Hollinger Park:	8.2	8.4	18.4	19.7
Sandy:	8.8	9.1	11.4	12.1

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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:	5.5	12.6
Edwards:	2.9	3.5
Hollinger Office:	7.2	10.4
Hollinger Park:	3.6	4.1
Sandy:	3.3	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	1.6	0.2	0.2
Imerys:	0.4	0.2	0.4
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	2.4	0.9	2.2
Water Tower:	0.3	0.2	0.5
Wilson:	1.2	0.7	0.7