

Hollinger Public Blast Report

Blast Pattern: 3376_069
Date: 29-Oct-15
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 186 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 3.6 °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:	60.7 LAeq	114.2 dB
Edwards:	55.2 LAeq	109.2 dB
Fred:	50.1 LAeq	112.2 dB
Hollinger Office:	60.8 LAeq	120.2 dB
Noah:	65.7 LAeq	115.3 dB
Sandy:	61.0 LAeq	117.9 dB
Water Tower:	58.9 LAeq	121.2 dB
Wilson:	52.3 LAeq	113.9 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:	3.1	3.5	1.5	2.1
Edwards:	3.3	3.6	2.5	3.8
Hollinger Office:	1.5	2.4	0.7	1.1
Hollinger Park:	3.7	4.2	1.3	3.4
Sandy:	2.4	2.6	0.8	0.9

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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:	1.8	5.0
Edwards:	1.9	4.2
Hollinger Office:	3.5	4.5
Hollinger Park:	5.0	8.8
Sandy:	2.0	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.4	0.2	0.5
Imerys:	0.4	0.3	0.4
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	8.3	4.1	5.9
Sandy:	9.4	12.3	5.1
Water Tower:	0.7	0.3	0.7
Wilson:	0.7	0.5	0.5