

Hollinger Public Blast Report

Blast Pattern: 3370_032
Date: 27-Nov-15
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11.9 km/hr
Wind Direction: SE
Temperature: -13.9 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.6 LAeq	111.2 dB
Edwards:	52.4 LAeq	102.5 dB
Fred:	45.3 LAeq	108.0 dB
Hollinger Office:	55.3 LAeq	114.8 dB
Noah:	62.8 LAeq	110.7 dB
Sandy:	59.1 LAeq	113.9 dB
Water Tower:	57.8 LAeq	119.6 dB
Wilson:	49.0 LAeq	106.7 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:	1.6	2.2	2.8	3.1
Edwards:	10.4	12.3	2.1	3.3
Hollinger Office:	36.3	40.9	0.8	1.8
Hollinger Park:	57.6	68.9	4.0	6.0
Sandy:	8.1	19.6	1.4	6.1

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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:	1.1	2.0
Edwards:	2.6	3.4
Hollinger Office:	5.9	12.3
Hollinger Park:	7.2	14.6
Sandy:	6.4	15.3

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:	0.1	0.2	0.1
Hollinger Office:	2.4	0.9	1.7
Hollinger West:	1.7	0.2	0.4
Imerys:	2.0	3.6	4.2
Noah:	1.7	2.6	2.0
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.1	0.8	1.0
Water Tower:	3.3	1.1	4.7
Wilson:	0.0	0.0	0.0