

Hollinger Public Blast Report

Blast Pattern: 3370_105
Date: 16-Feb-16
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: S
Temperature: -4.5 °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:	48.5 LAeq	99.8 dB
Edwards:	40.2 LAeq	92.1 dB
Fred:	37.9 LAeq	91.6 dB
Hollinger Office:	57.9 LAeq	103.2 dB
Noah:	58.0 LAeq	95.1 dB
Sandy:	49.9 LAeq	106.3 dB
Water Tower:	43.4 LAeq	103.6 dB
Wilson:	55.0 LAeq	99.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	13.4	9.9	10.8
Edwards:	6.5	7.3	15.9	17.5
Hollinger Office:	10.3	11.6	13.5	14.8
Hollinger Park:	5.8	6.4	14.9	16.1
Sandy:	6.8	8.5	12.0	14.9

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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:	2.4	4.8
Edwards:	5.1	9.9
Hollinger Office:	5.6	13.5
Hollinger Park:	3.2	3.8
Sandy:	3.6	9.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.7	0.1	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.6	0.9	0.6
Sandy:	0.9	0.6	1.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.9	0.8