

Hollinger Public Blast Report

Blast Pattern: 3358_024
Date: 17-Nov-16
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 3048 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13.5 km/hr
Wind Direction: S
Temperature: 5.7 °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:	54.3 LAeq	100.9 dB
Edwards:	53.5 LAeq	106.5 dB
Fred:	46.6 LAeq	101.5 dB
Hollinger Office:	74.2 LAeq	106.5 dB
Noah:	60.4 LAeq	108.7 dB
Sandy:	50.1 LAeq	110.1 dB
Water Tower:	55.0 LAeq	112.3 dB
Wilson:	54.2 LAeq	114.9 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	6.0	9.5	10.8
Edwards:	1.7	1.9	8.4	9.6
Hollinger Office:	9.8	14.5	14.9	22.7
Hollinger Park:	6.1	23.4	15.0	64.0
Sandy:	2.7	3.2	6.7	8.7

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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:	6.0	23.2
Edwards:	1.2	2.4
Hollinger Office:	9.7	24.1
Hollinger Park:	2.7	6.7
Sandy:	4.0	7.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	5.2	2.7	5.0
Imerys:	0.5	0.5	0.5
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.6	0.4
Water Tower:	1.0	0.4	1.1
Wilson:	2.9	2.8	4.1