

Hollinger Public Blast Report



Blast Pattern: 3388_050
Date: 5-Apr-15
Blast Time: 15:41
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: none
Boundary Layer Height: 90m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: W
Temperature: -3.9 °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:	52.5 LAeq	110.4 dB
Edwards:	LAeq	dB
Fred:	44.7 LAeq	110.8 dB
Hollinger Office:	59.5 LAeq	110.8 dB
Noah:	57.6 LAeq	108.4 dB
Sandy:	47.7 LAeq	100.2 dB
Water Tower:	67.6 LAeq	119.2 dB
Wilson:	45.9 LAeq	109.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	11.0	19.7	22.2
Edwards:	21.7	37.5	21.1	35.4
Hollinger Office:	33.3	78.9	32.9	83.0
Hollinger Park:	14.3	18.5	24.3	38.7
Sandy:	10.0	14.7	16.4	27.6

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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:	0.6	1.1
Edwards:	5.2	8.0
Hollinger Office:	3.0	4.0
Hollinger Park:	2.4	3.0
Sandy:	1.8	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	2.2	1.2	2.2
Sandy:	3	4.1	2.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.6