

Hollinger Public Blast Report

Blast Pattern: 3364_067
Date: 28-Apr-16
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 3800 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 9 km/hr
Wind Direction: N
Temperature: 3.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	105.5 dB
Edwards:	51.0 LAeq	100.4 dB
Fred:	42.4 LAeq	93.9 dB
Hollinger Office:	60.7 LAeq	104.5 dB
Noah:	60.6 LAeq	95.0 dB
Sandy:	51.3 LAeq	102.6 dB
Water Tower:	50.1 LAeq	101.8 dB
Wilson:	49.2 LAeq	93.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	12.2	4.9	5.5
Edwards:	6.6	10.5	11.8	22.2
Hollinger Office:	12.4	17.5	14.9	24.6
Hollinger Park:	13.7	23.7	14.2	41.3
Sandy:	12.9	28.6	15.7	79.2

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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:	0.7	1.3
Edwards:	1.3	2.3
Hollinger Office:	2.1	4.5
Hollinger Park:	0.6	1.1
Sandy:	17.1	71.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	1.6	0.1	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.4	0.4	0.6
Sandy:	0.4	0.4	0.5
Water Tower:	0.2	0.1	0.5
Wilson:	0.7	0.6	0.6