

Hollinger Public Blast Report

Blast Pattern: 3352_003
Date: 24-Feb-17
Blast Time: 11:56
Blast Sign Activation: 9:00
Website Notification Time: 9:30

Blast Conditions

Ceiling Height: 1400 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: -13.3 °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:	52.8 LAeq	96.8 dB
Edwards:	51.1 LAeq	96.4 dB
Fred:	39.4 LAeq	98.0 dB
Hollinger Office:	55.8 LAeq	106.4 dB
Noah:	59.7 LAeq	101.3 dB
Sandy:	50.6 LAeq	111.3 dB
Water Tower:	49.2 LAeq	103.4 dB
Wilson:	53.8 LAeq	101.8 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:	40.5	42.2	31.4	32.4
Edwards:	15.2	15.9	65.8	67.7
Hollinger Office:	20.1	20.8	59.4	60.3
Hollinger Park:	18.6	19.7	58.7	60.8
Sandy:	22.7	26.6	48.6	62.3

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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:	2.8	3.4
Edwards:	1.4	2.1
Hollinger Office:	6.6	13.9
Hollinger Park:	2.0	3.4
Sandy:	7.2	24.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.1	0.2
Noah:	0.4	0.3	0.2
Moneta Pumping Station:	2.5	1.4	1.8
Sandy:	1.4	1.3	1.3
Water Tower:	0.2	0.3	0.3
Wilson:	0.9	0.7	0.7