

Hollinger Public Blast Report

Blast Pattern: 3370_026/027 + 3382_109
Date: 3-Aug-15
Blast Time: 15:42
Blast Sign Activation: 11:50
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1900 m
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: 15.9 °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:	54.9 LAeq	104.5 dB
Edwards:	61.5 LAeq	104.5 dB
Fred:	46.5 LAeq	99.0 dB
Hollinger Office:	60.0 LAeq	108.6 dB
Noah:	59.8 LAeq	101.8 dB
Sandy:	51.6 LAeq	109.8 dB
Water Tower:	53.2 LAeq	111.0 dB
Wilson:	50.5 LAeq	102.3 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded. Malfunction in TSP unit at Sandy Station (bug in system)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.7	5.6	4.0	6.8
Edwards:	6.7	9.0	11.3	21.6
Hollinger Office:	28.1	44.5	36.0	72.3
Hollinger Park:	4.4	5.3	5.6	6.6
Sandy:	2.9	4.4	not available	not available

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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:	2.9	5.9
Edwards:	15.6	27.0
Hollinger Office:	7.7	11.8
Hollinger Park:	1.8	4.0
Sandy:	4.1	26.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.4	1.0
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.6	0.7
Noah:	0.5	0.3	0.7
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	1.4	1.1	1.5
Water Tower:	0.4	0.3	0.4
Wilson:	0.6	0.5	0.5