

Hollinger Public Blast Report

Blast Pattern: 3370_017
Date: 28-May-15
Blast Time: 11:40
Blast Sign Activation: 8:30
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: None m
Boundary Layer Height: 560 m
Cloud Cover: 0% Clear
Wind Speed: 5 km/hr
Wind Direction: N
Temperature: 8.3 °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:	55.0 LAeq	95.5 dB
Edwards:	51.0 LAeq	95.0 dB
Fred:	56.7 LAeq	100.9 dB
Hollinger Office:	61.6 LAeq	111.0 dB
Noah:	67.6 LAeq	110.9 dB
Sandy:	58.4 LAeq	97.1 dB
Water Tower:	54.0 LAeq	121.4 dB
Wilson:	53.2 LAeq	98.8 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:	8.3	9.7	18.3	19.9
Edwards:	4.2	4.5	10.2	12.1
Hollinger Office:	6.9	10.9	21.5	46.0
Hollinger Park:	3.9	7.6	18.3	34.1
Sandy:	4.9	6.0	15.5	18.7

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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:	0.2	0.4
Edwards:	0.8	1.1
Hollinger Office:	2.9	6.2
Hollinger Park:	1.1	1.8
Sandy:	6.8	21.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.9	0.4	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	1.8	1.6	2.1
Noah:	0.8	0.6	0.7
Moneta Pumping Station:	0.2	0.2	0.1
Sandy:	1.7	0.4	0.9
Water Tower:	2.1	0.8	2
Wilson:	0.6	0.4	0.4