

Hollinger Public Blast Report

Blast Pattern: 3376_063
Date: 28-Oct-15
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: SE
Temperature: 4.1 °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:	56.4 LAeq	105.8 dB
Edwards:	50.9 LAeq	113.5 dB
Fred:	49.4 LAeq	108.0 dB
Hollinger Office:	69.6 LAeq	114.6 dB
Noah:	60.6 LAeq	111.8 dB
Sandy:	64.5 LAeq	112.7 dB
Water Tower:	56.5 LAeq	117.8 dB
Wilson:	53.2 LAeq	112.0 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:	6.1	6.5	11.8	13.4
Edwards:	3.5	4.0	18.4	19.0
Hollinger Office:	4.6	5.4	5.8	6.9
Hollinger Park:	10.7	17.4	13.8	27.2
Sandy:	4.0	4.6	4.9	7.8

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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	3.5
Edwards:	2.7	4.1
Hollinger Office:	6.5	9.8
Hollinger Park:	11.1	28.0
Sandy:	3.0	7.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.1	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.3	0.9	0.7
Sandy:	4.6	2.4	2.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.4