

Hollinger Public Blast Report

Blast Pattern: 3358_159
Date: 11-May-18
Blast Time: 11:46
Blast Sign Activation: 8:24
Website Notification Time: 7:59

Blast Conditions

Ceiling Height:	30000	ft
Boundary Layer Height:	none	m
Cloud Cover:	25%	Scattered clouds
Wind Speed:	15	km/hr
Wind Direction:	NW	
Temperature:	5.3	°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:	55.7 LAeq	107.6 dB
Edwards:	51.6 LAeq	112.9 dB
Fred:	44.1 LAeq	111.3 dB
Hollinger Office:	59.6 LAeq	107.4 dB
Noah:	61.3 LAeq	106.9 dB
Sandy:	44.0 LAeq	113.7 dB
Water Tower:	50.8 LAeq	117.4 dB
Wilson:	50.1 LAeq	108.5 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.4	7.8	9.2	11.8
Edwards:	8.4	11.4	10.4	14.4
Hollinger Office:	21.8	69.0	30.2	113.9
Sandy:	5.8	7.8	6.5	11.8

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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:	1.0	2.1
Edwards:	3.0	18.7
Hollinger Office:	3.1	4.8
Sandy:	7.4	35.6

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:	0.2	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.7	0.9	0.9
Imerys:	0.6	0.6	0.4
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	1.3	1.1	1.3
Sandy:	3.8	3.0	3.7
Water Tower:	1.8	0.7	0.8
Wilson:	1.5	1.2	1.7