

Hollinger Public Blast Report

Blast Pattern: 3388_130
Date: 27-Aug-17
Blast Time: 11:37
Blast Sign Activation: 7:23
Website Notification Time: 7:13

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4.7 km/hr
Wind Direction: N
Temperature: 20 °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:	52.0 LAeq	116.9 dB
Edwards:	50.4 LAeq	108.7 dB
Fred:	43.1 LAeq	94.5 dB
Hollinger Office:	55.2 LAeq	110.7 dB
Noah:	59.6 LAeq	105.5 dB
Sandy:	47.8 LAeq	98.2 dB
Water Tower:	49.4 LAeq	106.5 dB
Wilson:	49.7 LAeq	95.4 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:	11.2	13.3	11.0	12.7
Edwards:	6.4	7.0	24.8	27.0
Hollinger Office:	12.9	16.4	26.3	36.2
Sandy:	6.1	6.9	21.8	26.7

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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:	0.9	5.1
Edwards:	1.0	2.2
Hollinger Office:	3.7	9.5
Sandy:	0.5	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.5	0.8
Edwards:	0.5	0.3	0.5
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.1	0.1	0.2
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.3