

Hollinger Public Blast Report

Blast Pattern: 3358_128
Date: 16-Nov-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 7:50

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 24.5 km/hr
Wind Direction: N
Temperature: -5.4 °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:	57.3 LAeq	113.9 dB
Edwards:	51.3 LAeq	109.5 dB
Fred:	53.0 LAeq	121.4 dB
Hollinger Office:	60.9 LAeq	117.0 dB
Noah:	63.0 LAeq	120.0 dB
Sandy:	50.9 LAeq	121.8 dB
Water Tower:	61.6 LAeq	122.4 dB
Wilson:	59.3 LAeq	121.4 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:	2.2	3.0	4.5	7.2
Edwards:	3.1	3.4	4.4	5.5
Hollinger Office:	3.1	4.2	6.6	10.7
Sandy:	7.1	10.8	7.0	12.8

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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:	0.3	0.7
Edwards:	1.4	2.0
Hollinger Office:	3.0	7.4
Sandy:	2.9	7.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.4	1.6
Hollinger West:	0.5	0.3	0.4
Imerys:	1.6	1.1	1.4
Noah:	1.2	0.8	1.8
Moneta Pumping Station:	0.5	0.3	0.7
Sandy:	0.6	0.4	0.5
Water Tower:	1.8	0.5	2.3
Wilson:	0.8	1.0	0.8