

Hollinger Public Blast Report



Blast Pattern: 3370_159
Date: 12-Oct-17
Blast Time: 7:49
Blast Sign Activation: 7:35
Website Notification Time: 11:41

Blast Conditions

Ceiling Height: 2000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: 11.5 °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	102.3 dB
Edwards:	51.6 LAeq	111.3 dB
Fred:	49.3 LAeq	107.1 dB
Hollinger Office:	55.0 LAeq	112.7 dB
Noah:	60.5 LAeq	112.8 dB
Sandy:	52.2 LAeq	115.0 dB
Water Tower:	55.5 LAeq	121.0 dB
Wilson:	52.6 LAeq	109.9 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	8.5	6.3	14.0
Edwards:	3.2	3.7	9.8	10.9
Hollinger Office:	36.8	64.3	43.0	81.8
Sandy:	5.3	10.7	9.1	15.5

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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:	2.1	5.6
Edwards:	1.4	3.0
Hollinger Office:	5.4	30.4
Sandy:	2.6	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.3	0.3
Imerys:	0.5	0.3	0.5
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.6	0.3	0.7
Sandy:	2.1	1.4	1.4
Water Tower:	0.8	0.3	0.5
Wilson:	1.0	1.2	1.0