

Hollinger Public Blast Report

Blast Pattern: 3370_181A
Date: 9-Feb-18
Blast Time: 11:40
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scatterd Clouds
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: -15.3 °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:	52.7 LAeq	116.2 dB
Edwards:	45.3 LAeq	106.2 dB
Fred:	41.1 LAeq	101.7 dB
Hollinger Office:	55.1 LAeq	108.6 dB
Noah:	60.0 LAeq	108.1 dB
Sandy:	46.4 LAeq	101.3 dB
Water Tower:	45.1 LAeq	112.6 dB
Wilson:	60.0 LAeq	112.9 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:	6.5	7.2	4.9	6.5
Edwards:	3.0	3.5	8.9	14.1
Hollinger Office:	74.8	145.9	23.3	50.0
Sandy:	2.3	3.2	8.9	10.7

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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:	2.8	5.2
Edwards:	5.5	10.5
Hollinger Office:	9.2	12.7
Sandy:	3.9	7.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.4	1.9	1.6
Edwards:	0.7	0.5	0.4
Hollinger Office:	0.4	0.4	0.9
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.5	0.3	1.0
Moneta Pumping Station:	0.2	0.2	0.4
Sandy:	0.2	0.2	0.3
Water Tower:	0.4	0.2	0.3
Wilson:	0.5	0.8	0.4