

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_095
Date: 11-Apr-18
Blast Time: 11:52
Blast Sign Activation: 8:20
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 0.2 °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:	55.1 LAeq	103.1 dB
Edwards:	48.7 LAeq	104.6 dB
Fred:	43.3 LAeq	101.4 dB
Hollinger Office:	57.1 LAeq	103.4 dB
Noah:	64.1 LAeq	109.8 dB
Sandy:	47.6 LAeq	103.7 dB
Water Tower:	47.9 LAeq	112.6 dB
Wilson:	48.5 LAeq	102.4 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:	12.9	17.2	11.4	16.8
Edwards:	6.2	10.4	17.6	25.2
Hollinger Office:	25.3	35.8	22.5	33.6
Sandy:	7.2	9.0	11.4	13.1

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.9	3.5
Edwards:	2.7	6.8
Hollinger Office:	6.3	8.9
Sandy:	3.3	7.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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