

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_110
Date: 10-Feb-18
Blast Time: 11:33
Blast Sign Activation: 7:35
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 3200 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 11 km/hr
Wind Direction: NE
Temperature: -12.1 °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:	51.6 LAeq	105.4 dB
Edwards:	45.6 LAeq	99.9 dB
Fred:	42.2 LAeq	99.6 dB
Hollinger Office:	55.7 LAeq	111.2 dB
Noah:	60.9 LAeq	102.2 dB
Sandy:	40.4 LAeq	106.6 dB
Water Tower:	46.8 LAeq	114.3 dB
Wilson:	57.8 LAeq	102.9 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:	9.1	12.5	6.1	6.6
Edwards:	4.5	5.1	10.5	11.7
Hollinger Office:	2.3	3.5	14.7	16.3
Sandy:	4.0	4.5	11.0	12.6

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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:	1.3	1.6
Edwards:	1.7	2.2
Hollinger Office:	5.0	7.0
Sandy:	5.3	21.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.3	0.3	0.2
Imerys:	0.6	0.6	0.4
Noah:	0.7	0.7	1.1
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	0.6	0.7	0.9
Wilson:	0.9	1.3	0.5