

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_067
Date: 23-Dec-17
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1600 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 7 km/hr
Wind Direction: SSW
Temperature: -7 °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:	50.7 LAeq	100.5 dB
Edwards:	44.6 LAeq	97.4 dB
Fred:	44.5 LAeq	92.4 dB
Hollinger Office:	53.0 LAeq	109.1 dB
Noah:	59.2 LAeq	103.3 dB
Sandy:	45.1 LAeq	109.4 dB
Water Tower:	46.2 LAeq	112.6 dB
Wilson:	48.0 LAeq	103.6 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:	4.0	4.6	3.3	4.1
Edwards:	2.1	2.8	5.5	11.2
Hollinger Office:	6.6	17.7	10.7	30.2
Sandy:	3.9	4.8	6.2	8.4

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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	3.0
Edwards:	9.5	17.6
Hollinger Office:	5.7	15.4
Sandy:	3.7	4.5

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:	0.0	0.1	0.0
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	1.6	1.6	1.5
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	1.3	1.1	1.7
Water Tower:	0.4	0.4	0.4
Wilson:	3.5	2.6	4.7