

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_227/3376_171
Date: 24-Dec-17
Blast Time: 11:35
Blast Sign Activation: 8:10
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 2.8 km/hr
Wind Direction: S
Temperature: -11.4 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	48.7 LAeq	110.8 dB
Edwards:	40.1 LAeq	100.8 dB
Fred:	41.4 LAeq	90.8 dB
Hollinger Office:	53.0 LAeq	114.0 dB
Noah:	60.5 LAeq	102.2 dB
Sandy:	44.6 LAeq	101.5 dB
Water Tower:	45.2 LAeq	108.6 dB
Wilson:	67.7 LAeq	122.3 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:	3.4	5.0	2.8	7.0
Edwards:	2.9	4.0	3.4	5.7
Hollinger Office:	3.0	4.2	5.0	7.7
Sandy:	2.8	8.1	5.6	13.6

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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	2.7
Edwards:	6.0	9.6
Hollinger Office:	3.9	6.8
Sandy:	5.0	6.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.8
Edwards:	0.3	0.3	0.3
Hollinger Office:	1.5	0.7	1.3
Hollinger West:	0.1	0.2	0.1
Imerys:	0.5	0.4	0.3
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.4	0.2	0.3
Wilson:	0.9	0.5	0.9