

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_144
Date: 29-Sep-17
Blast Time: 8:30
Blast Sign Activation: 8:00
Website Notification Time: 11:39

Blast Conditions

Ceiling Height: 3500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 16 km/hr
Wind Direction: N
Temperature: 5.9 °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:	58.8 LAeq	103.4 dB
Edwards:	51.9 LAeq	103.6 dB
Fred:	47.8 LAeq	110.3 dB
Hollinger Office:	56.9 LAeq	108.2 dB
Noah:	62.1 LAeq	108.1 dB
Sandy:	47.7 LAeq	106.6 dB
Water Tower:	51.1 LAeq	109.0 dB
Wilson:	50.6 LAeq	114.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.7	2.0	0.0	0.0
Edwards:	2.9	3.3	7.3	8.4
Hollinger Office:	3.9	5.8	2.7	6.7
Sandy:	3.9	6.9	1.3	3.6

Hollinger Public Blast Report



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:	0.0	0.1
Edwards:	1.6	2.1
Hollinger Office:	3.2	4.2
Sandy:	8.1	23.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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