

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_034
Date: 24-Aug-17
Blast Time: 15:40
Blast Sign Activation: 8:20
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: 16.1 °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:	56.2 LAeq	103.4 dB
Edwards:	51.8 LAeq	96.4 dB
Fred:	48.2 LAeq	105.6 dB
Hollinger Office:	56.3 LAeq	106.6 dB
Noah:	62.6 LAeq	104.2 dB
Sandy:	47.5 LAeq	107.4 dB
Water Tower:	51.2 LAeq	111.8 dB
Wilson:	49.2 LAeq	107.7 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:	1.0	1.2	0.0	0.0
Edwards:	2.7	3.3	5.5	6.4
Hollinger Office:	7.2	8.0	6.2	9.0
Sandy:	7.5	20.8	10.0	28.5

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:	0.2	2.0
Edwards:	0.8	1.2
Hollinger Office:	3.0	4.2
Sandy:	4.6	9.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.2	0.3
Imerys:	0.4	0.2	0.2
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	1.4	0.7	1.0
Sandy:	0.5	0.5	0.5
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.4	0.5