

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_037
Date: 12-Jun-17
Blast Time: 11:42
Blast Sign Activation: 8:05
Website Notification Time: 7:38

Blast Conditions

Ceiling Height: 1005 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: 22.5 °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:	55.0 LAeq	107.9 dB
Edwards:	54.9 LAeq	109.8 dB
Fred:	47.9 LAeq	108.6 dB
Hollinger Office:	56.8 LAeq	107.4 dB
Noah:	60.5 LAeq	107.3 dB
Sandy:	49.7 LAeq	117.4 dB
Water Tower:	53.5 LAeq	115.8 dB
Wilson:	52.9 LAeq	115.0 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:	4.5	4.7	18.0	18.8
Edwards:	11.4	15.0	19.4	26.4
Hollinger Office:	20.1	69.7	0.0	0.0
Sandy:	5.9	6.3	12.6	15.1

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:	2.1	3.8
Edwards:	5.2	8.8
Hollinger Office:	0.0	0.0
Sandy:	1.0	1.2

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	0.0	0.1
Hollinger Office:	0.8	0.4	0.5
Hollinger West:	2.1	1.5	1.8
Imerys:	1.7	2.1	2.5
Noah:	2.6	2.0	2.0
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	0.4	0.3	0.4
Water Tower:	7.1	5.1	7.5
Wilson:	n/a	n/a	n/a