

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_064
Date: 14-Jun-17
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5486 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: E
Temperature: 11.6 °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:	63.8 LAeq	96.0 dB
Edwards:	48.2 LAeq	99.2 dB
Fred:	44.6 LAeq	99.9 dB
Hollinger Office:	96.0 LAeq	104.8 dB
Noah:	60.8 LAeq	108.8 dB
Sandy:	47.2 LAeq	104.8 dB
Water Tower:	54.0 LAeq	115.2 dB
Wilson:	50.6 LAeq	105.1 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:	5.0	7.1	4.9	8.1
Edwards:	7.9	9.2	12.9	16.1
Hollinger Office:	32.6	71.4	27.5	64.3
Sandy:	33.0	112.9	28.9	76.8

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:	2.0	14.2
Edwards:	1.7	2.9
Hollinger Office:	1.8	2.3
Sandy:	1.6	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.7	0.2
Hollinger West:	0.5	0.3	0.4
Imerys:	0.5	0.5	0.6
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.8	0.6	0.6
Sandy:	3.0	1.7	2.9
Water Tower:	1.6	0.7	1.2
Wilson:	1.1	1.1	1.3