

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_092
Date: 22-Apr-17
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: 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:	54.9 LAeq	103.6 dB
Edwards:	49.4 LAeq	98.7 dB
Fred:	41.6 LAeq	93.3 dB
Hollinger Office:	57.8 LAeq	106.2 dB
Noah:	63.2 LAeq	98.3 dB
Sandy:	51.2 LAeq	104.0 dB
Water Tower:	48.8 LAeq	106.4 dB
Wilson:	44.2 LAeq	97.9 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:	8.6	9.6	5.5	7.0
Edwards:	3.3	4.3	9.8	15.0
Hollinger Office:	9.5	12.8	16.1	28.8
Hollinger Park:	19.3	28.7	40.9	63.1
Sandy:	4.8	5.4	8.4	13.8

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:	3.6	4.2
Edwards:	0.5	0.9
Hollinger Office:	2.3	3.1
Hollinger Park:	1.7	3.5
Sandy:	5.1	22.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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