

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_044
Date: 21-May-15
Blast Time: 15:42
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2320 m
Boundary Layer Height: 630 m
Cloud Cover: 75% Cloudy
Wind Speed: 12 km/hr
Wind Direction: NW
Temperature: 8.7 °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:	58.0 LAeq	106.3 dB
Edwards:	52.5 LAeq	104.9 dB
Fred:	49.6 LAeq	110.6 dB
Hollinger Office:	62.9 LAeq	108.4 dB
Noah:	62.4 LAeq	111.0 dB
Sandy:	57.1 LAeq	102.6 dB
Water Tower:	50.6 LAeq	116.5 dB
Wilson:	49.7 LAeq	108.8 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:	9.4	10.3	21.1	22.9
Edwards:	10.2	12.8	19.0	29.3
Hollinger Office:	21.1	26.0	21.5	27.5
Hollinger Park:	25.1	47.5	40.2	67.9
Sandy:	31.5	99.2	49.3	139.9

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:	0.3	0.7
Edwards:	1.1	1.3
Hollinger Office:	5.1	19.1
Hollinger Park:	4.1	7.6
Sandy:	23.9	69.4

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:	0.1	0.2	0
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	1.1	1.5	1.6
Imerys:	2.6	1.8	2.6
Noah:	2.3	1.6	3.7
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.8	0.8	0.8
Water Tower:	4.6	3.4	7.9
Wilson:	1.4	0.9	1.3