

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_124 and 3358_016
Date: 5-Jul-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5486 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: 25.2 °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:	55.7 LAeq	105.2 dB
Edwards:	59.5 LAeq	116.4 dB
Fred:	45.6 LAeq	108.0 dB
Hollinger Office:	61.4 LAeq	108.4 dB
Noah:	60.7 LAeq	106.2 dB
Sandy:	64.1 LAeq	109.2 dB
Water Tower:	56.6 LAeq	115.3 dB
Wilson:	51.0 LAeq	105.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	11.5	16.9	23.9
Edwards:	23.8	45.6	50.0	139.0
Hollinger Office:	47.4	70.8	49.1	68.4
Hollinger Park:	12.3	14.4	23.7	29.9
Sandy:	8.7	13.4	18.8	28.2

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:	0.9	2.5
Edwards:	2.5	4.3
Hollinger Office:	7.6	11.2
Hollinger Park:	2.7	8.8
Sandy:	1.1	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.4
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.3	0.3	0.8
Imerys:	0.2	0.3	0.4
Noah:	0.4	0.4	0.3
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	0.7	0.5	0.5
Water Tower:	0.5	0.3	0.8
Wilson:	1.8	1.9	2.0