

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_111
Date: 16-Jun-16
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144
Boundary Layer Height: none
Cloud Cover: 25% Scattered Clouds
Wind Speed: 1.8 km/hr
Wind Direction: W
Temperature: 6.6 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.0 LAeq	94.7 dB
Edwards:	49.7 LAeq	97.3 dB
Fred:	43.8 LAeq	94.4 dB
Hollinger Office:	60.0 LAeq	99.9 dB
Noah:	61.1 LAeq	99.4 dB
Sandy:	49.7 LAeq	113.4 dB
Water Tower:	47.7 LAeq	106.0 dB
Wilson:	49.8 LAeq	109.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	3.9	6.1	7.2
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	12.2	18.5	14.6	31.5
Hollinger Park:	77.0	160.5	24.1	46.3
Sandy:	42.2	106.0	43.5	153.8

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:	0.0	0.1
Edwards:	0.0	0.0
Hollinger Office:	2.7	8.6
Hollinger Park:	1.2	1.7
Sandy:	4.7	18.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	1.9	0.9	2.2
Imerys:	0.5	0.6	0.7
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	1.1	1.2	1.0
Water Tower:	0.9	0.5	1.0
Wilson:	3.5	3.6	3.7