

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_101
Date: 22-Jul-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7315
Boundary Layer Height: none
Cloud Cover: 25% Scattered Clouds
Wind Speed: 8 km/hr
Wind Direction: W
Temperature: 12.6 °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:	57.0 LAeq	103.1 dB
Edwards:	48.8 LAeq	98.1 dB
Fred:	46.6 LAeq	98.7 dB
Hollinger Office:	55.4 LAeq	100.2 dB
Noah:	62.6 LAeq	104.8 dB
Sandy:	46.5 LAeq	99.8 dB
Water Tower:	54.8 LAeq	107.1 dB
Wilson:	48.5 LAeq	101.0 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.5	1.8	4.9	5.7
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	5.0	21.9	6.5	27.7
Hollinger Park:	8.6	14.5	17.5	33.3
Sandy:	1.7	5.5	5.9	9.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.4	1.7
Edwards:	0.0	0.0
Hollinger Office:	1.9	2.7
Hollinger Park:	2.3	4.2
Sandy:	2.0	5.9

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:	0.0	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.0	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.0	0.3	0.1
Water Tower:	0.0	0.0	0.0
Wilson:	0.2	0.2	0.1