

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_127
Date: 3-Sep-16
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 6400 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 8.2 km/hr
Wind Direction: SW
Temperature: 20.6 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	52.7 LAeq	97.7 dB
Edwards:	60.1 LAeq	96.9 dB
Fred:	43.1 LAeq	95.8 dB
Hollinger Office:	63.6 LAeq	101.3 dB
Noah:	59.4 LAeq	98.8 dB
Sandy:	52.7 LAeq	105.1 dB
Water Tower:	46.7 LAeq	101.7 dB
Wilson:	23.7 LAeq	69.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.9	3.2	0.1	1.1
Edwards:	4.6	8.6	15.8	41.6
Hollinger Office:	45.0	109.0	37.3	66.9
Hollinger Park:	7.4	12.5	16.8	30.7
Sandy:	2.2	3.3	4.6	6.9

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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:	1.2	3.1
Edwards:	3.2	6.9
Hollinger Office:	3.3	5.1
Hollinger Park:	1.2	1.7
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	1.5	1.0	1.4
Sandy:	0.5	0.9	0.8
Water Tower:	0.4	0.2	0.4
Wilson:	1.0	0.5	0.7