

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_113
Date: 16-Jul-16
Blast Time: 15:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 426
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 21.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	53.1 LAeq	101.6 dB
Edwards:	56.8 LAeq	103.3 dB
Fred:	45.0 LAeq	103.9 dB
Hollinger Office:	56.3 LAeq	111.0 dB
Noah:	59.7 LAeq	107.1 dB
Sandy:	49.5 LAeq	107.0 dB
Water Tower:	53.0 LAeq	115.7 dB
Wilson:	47.5 LAeq	102.9 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	3.9	3.6	6.1
Edwards:	7.5	15.1	17.3	40.6
Hollinger Office:	16.1	31.1	18.0	33.6
Hollinger Park:	5.6	6.5	7.9	14.3
Sandy:	5.6	13.5	12.2	24.1

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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:	0.7	1.5
Edwards:	0.4	1.7
Hollinger Office:	6.3	11.4
Hollinger Park:	0.7	1.3
Sandy:	0.1	0.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.7	0.7	1.8
Hollinger West:	0.6	0.2	0.4
Imerys:	1.9	2.4	2.8
Noah:	1.6	1.8	2.2
Moneta Pumping Station:	0.6	0.2	0.4
Sandy:	0.5	0.7	0.4
Water Tower:	2.2	1.0	3.0
Wilson:	1.3	0.9	1.5