

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_199
Date: 5-Nov-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 243 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 5 km/hr
Wind Direction: NW
Temperature: 6.3 °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:	57.0 LAeq	107.7 dB
Edwards:	54.0 LAeq	100.4 dB
Fred:	45.0 LAeq	104.4 dB
Hollinger Office:	57.5 LAeq	109.7 dB
Noah:	61.5 LAeq	106.0 dB
Sandy:	52.0 LAeq	110.7 dB
Water Tower:	52.2 LAeq	114.2 dB
Wilson:	46.1 LAeq	107.0 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	6.8	10.6	11.6
Edwards:	8.6	9.7	13.5	15.7
Hollinger Office:	10.1	11.2	14.5	16.7
Hollinger Park:	8.2	10.2	18.1	26.6
Sandy:	6.2	9.4	9.6	12.4

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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	1.1
Edwards:	2.3	7.4
Hollinger Office:	2.7	3.5
Hollinger Park:	2.8	5.5
Sandy:	3.6	17.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	1.3	0.7	0.9
Sandy:	1.4	1.3	1.7
Water Tower:	0.4	0.3	0.6
Wilson:	1.8	1.0	1.0