

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_055
Date: 12-Jul-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4572 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: E
Temperature: 14.3 °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:	54.6 LAeq	94.2 dB
Edwards:	54.2 LAeq	101.2 dB
Fred:	43.6 LAeq	94.1 dB
Hollinger Office:	57.7 LAeq	100.9 dB
Noah:	61.4 LAeq	106.7 dB
Sandy:	46.9 LAeq	104.2 dB
Water Tower:	54.9 LAeq	110.9 dB
Wilson:	52.4 LAeq	107.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.5	9.8	11.1
Edwards:	7.4	9.4	10.3	12.9
Hollinger Office:	11.6	22.9	18.0	46.0
Sandy:	21.3	47.5	16.6	47.7

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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:	0.0	0.0
Edwards:	1.9	3.4
Hollinger Office:	1.9	3.6
Sandy:	5.2	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.5	1.6	1.9
Imerys:	0.6	0.5	0.7
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	1.3	1.2	1.4
Sandy:	0.5	0.8	0.7
Water Tower:	1.2	0.7	1.4
Wilson:	4.1	3.1	4.7