

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_020
Date: 25-Jun-17
Blast Time: 8:00
Blast Sign Activation: 8:00
Website Notification Time: 11:37

Blast Conditions

Ceiling Height: 2590 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 4 km/hr
Wind Direction: NW
Temperature: 14.1 °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:	53.0 LAeq	99.5 dB
Edwards:	48.6 LAeq	94.8 dB
Fred:	47.6 LAeq	103.8 dB
Hollinger Office:	55.2 LAeq	107.0 dB
Noah:	63.4 LAeq	100.4 dB
Sandy:	43.4 LAeq	110.0 dB
Water Tower:	59.0 LAeq	106.2 dB
Wilson:	45.6 LAeq	106.5 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	3.0	6.2	7.1
Edwards:	2.6	3.0	5.1	7.3
Hollinger Office:	7.7	26.7	6.2	25.7
Sandy:	14.6	95.6	16.2	104.3

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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:	0.6	0.9
Hollinger Office:	0.8	1.3
Sandy:	3.4	6.1

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:	0.3	0.3	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.4	0.4	0.3
Imerys:	0.2	0.4	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	5.2	2.3	3.7
Sandy:	2.1	1.6	2.8
Water Tower:	0.5	0.3	0.5
Wilson:	0.7	0.6	0.8