

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_037 & 3358_116D
Date: 24-Aug-17
Blast Time: 11:40
Blast Sign Activation: 8:20
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 13.3 °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:	57.1 LAeq	106.5 dB
Edwards:	52.2 LAeq	102.0 dB
Fred:	46.3 LAeq	102.4 dB
Hollinger Office:	62.5 LAeq	109.4 dB
Noah:	65.2 LAeq	105.1 dB
Sandy:	47.1 LAeq	114.9 dB
Water Tower:	53.2 LAeq	116.4 dB
Wilson:	50.3 LAeq	108.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.9	2.2	0.1	0.1
Edwards:	3.9	4.1	7.3	8.9
Hollinger Office:	7.7	9.2	7.9	11.5
Sandy:	5.5	19.5	10.1	40.9

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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:	0.0	0.1
Edwards:	1.3	1.7
Hollinger Office:	2.3	3.8
Sandy:	11.9	43.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.6	0.5	1.3
Imerys:	2.3	1.6	1.9
Noah:	1.7	1.3	2.2
Moneta Pumping Station:	1.3	0.5	1.3
Sandy:	2.9	1.3	1.9
Water Tower:	2.7	1.1	2.2
Wilson:	1.9	2.8	3.9