

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_019
Date: 7-Jul-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 243 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: N
Temperature: 15 °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:	56.3 LAeq	97.0 dB
Edwards:	50.4 LAeq	95.0 dB
Fred:	46.3 LAeq	101.1 dB
Hollinger Office:	57.4 LAeq	105.6 dB
Noah:	62.1 LAeq	102.4 dB
Sandy:	45.9 LAeq	108.4 dB
Water Tower:	56.1 LAeq	106.2 dB
Wilson:	47.4 LAeq	102.8 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:	4.1	4.5	15.9	16.8
Edwards:	6.4	6.7	9.7	12.0
Hollinger Office:	10.2	11.0	12.3	14.5
Sandy:	20.4	33.2	8.6	14.7

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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:	1.1	1.5
Hollinger Office:	4.3	7.2
Sandy:	4.6	12.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.3	0.2	0.5
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.3	0.4	0.4
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.6	0.3
Moneta Pumping Station:	5.2	3.2	3.3
Sandy:	2.2	1.3	2.4
Water Tower:	0.6	0.3	0.6
Wilson:	0.8	0.6	0.7