

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_140, 3346_057, 3346_041C
Date: 18-Sep-17
Blast Time: 11:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 500 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 13.6 °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:	54.9 LAeq	119.7 dB
Edwards:	47.4 LAeq	110.2 dB
Fred:	45.5 LAeq	97.0 dB
Hollinger Office:	56.5 LAeq	113.1 dB
Noah:	61.9 LAeq	101.4 dB
Sandy:	44.8 LAeq	101.0 dB
Water Tower:	57.2 LAeq	110.3 dB
Wilson:	58.9 LAeq	108.4 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:	6.5	9.4	15.9	19.1
Edwards:	7.4	12.2	16.0	26.0
Hollinger Office:	11.5	23.5	19.0	39.8
Sandy:	7.4	9.9	13.5	15.6

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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:	0.4	1.4
Edwards:	4.0	14.1
Hollinger Office:	3.6	7.5
Sandy:	3.1	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	1.2	1.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	2.7	1.1	2.8
Hollinger West:	0.0	0.0	0.0
Imerys:	3.5	1.8	3.1
Noah:	0.9	1.0	1.1
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	2.2	1.0	2.3
Wilson:	0.8	0.6	1.1