

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346-041A/3352_075/3340_004
Date: 4-Sep-17
Blast Time: 11:50
Blast Sign Activation: 7:33
Website Notification Time: 8:13

Blast Conditions

Ceiling Height: 1066 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 6.2 km/hr
Wind Direction: NE
Temperature: 16.6 °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:	53.2 LAeq	108.8 dB
Edwards:	56.9 LAeq	108.1 dB
Fred:	45.4 LAeq	107.3 dB
Hollinger Office:	55.2 LAeq	110.9 dB
Noah:	60.0 LAeq	114.6 dB
Sandy:	47.2 LAeq	114.3 dB
Water Tower:	51.2 LAeq	119.1 dB
Wilson:	50.3 LAeq	105.0 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:	10.4	11.9	15.0	18.6
Edwards:	8.4	13.9	26.5	44.5
Hollinger Office:	16.1	17.6	23.3	27.1
Sandy:	7.5	8.5	19.2	21.1

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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:	0.3	1.1
Edwards:	1.9	5.2
Hollinger Office:	1.3	2.0
Sandy:	1.1	1.9

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:	0.2	0.2	0.2
Hollinger Office:	1.3	0.6	2.1
Hollinger West:	1.7	1.9	3.1
Imerys:	2.9	3.3	2.7
Noah:	1.2	1.8	1.4
Moneta Pumping Station:	2.0	1.0	1.3
Sandy:	2.5	1.4	2.2
Water Tower:	5.8	2.4	4.0
Wilson:	1.3	1.0	1.6