

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_005
Date: 6-Nov-17
Blast Time: 11:38
Blast Sign Activation: 8:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2200 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: NW
Temperature: -3.9 °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:	56.7 LAeq	111.7 dB
Edwards:	51.6 LAeq	108.6 dB
Fred:	45.5 LAeq	107.2 dB
Hollinger Office:	56.5 LAeq	106.6 dB
Noah:	62.6 LAeq	106.9 dB
Sandy:	46.0 LAeq	109.5 dB
Water Tower:	50.5 LAeq	116.7 dB
Wilson:	49.4 LAeq	109.7 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:	4.5	6.2	1.9	4.4
Edwards:	9.5	17.5	13.1	25.6
Hollinger Office:	15.1	19.5	13.8	19.1
Sandy:	5.5	6.8	6.4	8.6

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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:	1.4	2.9
Edwards:	2.3	3.7
Hollinger Office:	5.3	7.7
Sandy:	1.9	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.1	0.4
Hollinger West:	0.4	0.3	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	6.0	1.5	2.5
Sandy:	1.8	1.3	2.0
Water Tower:	0.6	0.2	0.5
Wilson:	0.8	0.8	0.9