

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_140
Date: 17-Nov-17
Blast Time: 11:47
Blast Sign Activation: 7:50
Website Notification Time: 7:24

Blast Conditions

Ceiling Height: 12000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 22 km/hr
Wind Direction: S
Temperature: -7.6 °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:	51.2 LAeq	109.9 dB
Edwards:	44.2 LAeq	107.8 dB
Fred:	43.2 LAeq	110.1 dB
Hollinger Office:	52.3 LAeq	110.7 dB
Noah:	58.5 LAeq	105.3 dB
Sandy:	46.6 LAeq	103.0 dB
Water Tower:	47.7 LAeq	109.8 dB
Wilson:	51.2 LAeq	105.3 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:	2.4	3.2	1.8	3.9
Edwards:	0.9	1.1	3.7	4.8
Hollinger Office:	2.8	7.4	6.2	18.6
Sandy:	1.0	1.3	3.1	3.7

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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:	1.6	5.9
Edwards:	0.7	2.2
Hollinger Office:	16.4	56.3
Sandy:	1.9	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.6	1.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	1.1	0.6	0.6
Hollinger West:	0.3	0.2	0.2
Imerys:	0.6	0.5	0.6
Noah:	1.1	0.5	0.8
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.4	0.2	3.0
Water Tower:	0.4	0.3	0.5
Wilson:	0.9	0.5	1.4