

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_177
Date: 20-Jan-18
Blast Time: 11:41
Blast Sign Activation: 8:15
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1800 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: -10.2 °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:	53.1 LAeq	109.7 dB
Edwards:	51.3 LAeq	102.5 dB
Fred:	45.9 LAeq	103.6 dB
Hollinger Office:	53.5 LAeq	110.2 dB
Noah:	58.7 LAeq	104.3 dB
Sandy:	40.9 LAeq	99.6 dB
Water Tower:	47.2 LAeq	113.8 dB
Wilson:	58.6 LAeq	102.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.0	3.4	3.7
Edwards:	3.9	6.1	5.1	6.5
Hollinger Office:	3.3	4.3	8.5	10.2
Sandy:	3.9	4.2	6.1	7.1

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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:	1.5	2.0
Edwards:	1.5	2.2
Hollinger Office:	3.6	4.1
Sandy:	4.5	8.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	1.8	1.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.6	0.5	0.5
Hollinger West:	0.1	0.2	0.1
Imerys:	0.4	0.3	0.2
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.2	0.4
Wilson:	0.4	0.4	0.5