

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_043 P/S
Date: 18-Feb-18
Blast Time: 11:57
Blast Sign Activation: 7:55
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 7.6 km/hr
Wind Direction: W
Temperature: -9.9 °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:	52.1 LAeq	102.3 dB
Edwards:	39.8 LAeq	97.8 dB
Fred:	39.0 LAeq	95.6 dB
Hollinger Office:	52.8 LAeq	106.3 dB
Noah:	62.9 LAeq	100.0 dB
Sandy:	37.9 LAeq	99.9 dB
Water Tower:	45.2 LAeq	111.8 dB
Wilson:	57.6 LAeq	97.5 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:	5.5	9.2	4.8	9.7
Edwards:	3.5	4.6	5.9	9.0
Hollinger Office:	4.9	8.3	10.4	14.7
Sandy:	2.0	2.4	7.3	12.2

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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:	3.7	10.5
Edwards:	1.5	2.6
Hollinger Office:	4.0	5.7
Sandy:	3.1	4.6

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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.6
Hollinger West:	0.4	0.3	0.2
Imerys:	1.3	0.8	0.8
Noah:	1.5	0.9	1.2
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.4	0.3	0.4
Water Tower:	1.3	1.0	2.0
Wilson:	1.3	1.3	1.4