

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_073
Date: 14-Mar-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 18000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: -7.1 °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:	50.3 LAeq	96.5 dB
Edwards:	40.5 LAeq	93.5 dB
Fred:	39.6 LAeq	90.6 dB
Hollinger Office:	54.5 LAeq	103.9 dB
Noah:	60.4 LAeq	103.0 dB
Sandy:	40.3 LAeq	108.3 dB
Water Tower:	45.2 LAeq	114.1 dB
Wilson:	51.8 LAeq	108.1 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:	12.4	15.3	10.1	13.5
Edwards:	9.9	15.4	22.1	33.2
Hollinger Office:	14.7	22.8	24.4	42.2
Sandy:	7.2	7.9	7.4	9.0

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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:	14.8	19.6
Edwards:	10.2	15.0
Hollinger Office:	8.6	11.7
Sandy:	7.6	9.2

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:	0.4	0.4	0.6
Hollinger West:	0.6	0.4	0.4
Imerys:	1.3	0.7	0.5
Noah:	1.4	0.6	2.0
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.4	1.0	1.3
Water Tower:	0.9	0.6	1.6
Wilson:	1.5	2.0	1.6