

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_232
Date: 20-Mar-18
Blast Time: 15:48
Blast Sign Activation: 8:50
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 1.9 km/hr
Wind Direction: N
Temperature: -5.9 °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:	53.0 LAeq	92.8 dB
Edwards:	42.8 LAeq	95.0 dB
Fred:	40.2 LAeq	100.9 dB
Hollinger Office:	57.9 LAeq	99.9 dB
Noah:	60.2 LAeq	100.8 dB
Sandy:	45.4 LAeq	111.6 dB
Water Tower:	47.6 LAeq	107.5 dB
Wilson:	49.6 LAeq	101.9 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:	5.1	5.5	0.6	1.3
Edwards:	7.1	11.5	10.5	19.1
Hollinger Office:	10.3	14.0	12.1	16.0
Sandy:	7.6	12.1	5.6	10.8

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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:	0.4	0.6
Edwards:	1.0	1.7
Hollinger Office:	3.5	4.9
Sandy:	7.9	26.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.3	0.4	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	2.9	1.9	2.5
Water Tower:	0.3	0.2	0.3
Wilson:	1.0	1.5	0.8