

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_231
Date: 12-Mar-18
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 21000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 4 km/hr
Wind Direction: E
Temperature: -5.2 °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:	53.3 LAeq	93.3 dB
Edwards:	42.0 LAeq	84.3 dB
Fred:	41.4 LAeq	82.7 dB
Hollinger Office:	56.3 LAeq	101.7 dB
Noah:	61.0 LAeq	100.4 dB
Sandy:	41.2 LAeq	112.5 dB
Water Tower:	45.3 LAeq	108.2 dB
Wilson:	50.1 LAeq	94.7 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:	10.9	11.9	9.9	11.6
Edwards:	16.4	24.9	40.4	59.6
Hollinger Office:	32.1	46.6	42.9	63.5
Sandy:	8.5	10.9	28.0	51.1

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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:	10.1	11.4
Edwards:	13.0	42.2
Hollinger Office:	21.2	39.3
Sandy:	101.4	176.4

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	0.3	0.2
Hollinger West:	0.6	0.5	0.4
Imerys:	0.3	0.2	0.2
Noah:	0.1	0.1	0.1
Moneta Pumping Station:	3.0	2.5	2.2
Sandy:	0.4	0.2	0.3
Water Tower:	0.3	0.2	0.2
Wilson:	1.5	1.3	1.1