

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_224F PS
Date: 30-Dec-17
Blast Time: 13:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -21.7 °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:	51.6 LAeq	106.4 dB
Edwards:	45.4 LAeq	104.5 dB
Fred:	40.8 LAeq	101.9 dB
Hollinger Office:	56.3 LAeq	109.7 dB
Noah:	61.2 LAeq	101.1 dB
Sandy:	63.0 LAeq	104.5 dB
Water Tower:	50.0 LAeq	111.3 dB
Wilson:	53.5 LAeq	100.6 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:	5.4	6.4	1.2	2.7
Edwards:	1.3	1.6	5.8	7.5
Hollinger Office:	2.6	3.4	7.8	9.4
Sandy:	3.5	4.1	8.3	10.1

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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:	1.1	1.4
Edwards:	1.4	2.0
Hollinger Office:	4.5	5.3
Sandy:	7.5	10.2

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:	0.2	0.1	0.2
Hollinger West:	0.2	0.2	0.1
Imerys:	0.1	0.2	0.1
Noah:	0.1	0.4	0.2
Moneta Pumping Station:	0.7	0.3	0.4
Sandy:	1.1	0.7	0.8
Water Tower:	0.4	0.2	0.3
Wilson:	0.6	0.9	0.9