

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_172
Date: 31-Dec-17
Blast Time: 13:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: -22.4 °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:	54.3 LAeq	114.7 dB
Edwards:	48.3 LAeq	103.1 dB
Fred:	40.7 LAeq	94.8 dB
Hollinger Office:	52.1 LAeq	113.5 dB
Noah:	60.5 LAeq	104.2 dB
Sandy:	44.8 LAeq	97.4 dB
Water Tower:	54.1 LAeq	106.5 dB
Wilson:	61.7 LAeq	112.8 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:	4.5	6.4	1.5	4.0
Edwards:	6.2	26.1	15.4	90.3
Hollinger Office:	3.2	5.1	5.8	11.3
Sandy:	1.0	1.2	4.9	5.4

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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:	2.6	4.1
Edwards:	10.8	44.6
Hollinger Office:	4.2	6.3
Sandy:	2.0	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	1.8	1.8
Edwards:	0.5	0.6	0.5
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.1	0.2	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.4	0.3