

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_178
Date: 12-Jan-18
Blast Time: 11:56
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 5600 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: -23.2 °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:	54.2 LAeq	116.0 dB
Edwards:	50.7 LAeq	105.6 dB
Fred:	50.9 LAeq	114.4 dB
Hollinger Office:	67.9 LAeq	120.2 dB
Noah:	59.3 LAeq	113.1 dB
Sandy:	49.7 LAeq	116.1 dB
Water Tower:	55.4 LAeq	121.6 dB
Wilson:	54.1 LAeq	114.1 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:	6.2	6.8	2.8	3.6
Edwards:	3.3	4.0	6.8	8.1
Hollinger Office:	7.9	12.4	8.1	10.2
Sandy:	12.7	25.1	14.2	36.3

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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:	1.6	2.7
Edwards:	1.7	2.9
Hollinger Office:	4.3	6.4
Sandy:	4.5	10.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	1.4	1.9
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.7	0.5	0.4
Hollinger West:	0.1	0.3	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.2	0.3
Wilson:	0.5	0.5	0.4