

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_115
Date: 1-Feb-18
Blast Time: 11:30
Blast Sign Activation: 7:40
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: -17.8 °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:	54.0 LAeq	108.8 dB
Edwards:	51.6 LAeq	102.2 dB
Fred:	43.8 LAeq	105.6 dB
Hollinger Office:	54.3 LAeq	114.2 dB
Noah:	60.4 LAeq	109.4 dB
Sandy:	44.1 LAeq	109.1 dB
Water Tower:	62.9 LAeq	113.2 dB
Wilson:	65.2 LAeq	119.0 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	7.2	4.1	6.5
Edwards:	5.4	12.2	5.5	10.6
Hollinger Office:	4.6	7.1	7.3	8.9
Sandy:	3.9	4.8	5.6	6.1

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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:	3.5	5.0
Edwards:	3.2	4.4
Hollinger Office:	4.9	6.8
Sandy:	4.8	6.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.6	0.5
Edwards:	0.3	0.2	0.2
Hollinger Office:	1.1	0.8	0.8
Hollinger West:	0.2	0.3	0.2
Imerys:	0.9	0.5	0.5
Noah:	1.0	1.0	1.2
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.7	0.2	0.7
Water Tower:	0.4	0.4	0.7
Wilson:	1.5	3.0	1.2