

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_122
Date: 18-Feb-18
Blast Time: 13:38
Blast Sign Activation: 12:30
Website Notification Time: 12:35

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 5.4 km/hr
Wind Direction: E
Temperature: -7.1 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	49.8 LAeq	108.8 dB
Edwards:	42.9 LAeq	98.6 dB
Fred:	45.5 LAeq	100.5 dB
Hollinger Office:	52.9 LAeq	112.4 dB
Noah:	64.0 LAeq	108.8 dB
Sandy:	43.3 LAeq	111.5 dB
Water Tower:	46.7 LAeq	110.3 dB
Wilson:	58.4 LAeq	103.2 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:	4.8	5.9	4.8	7.2
Edwards:	3.1	4.1	5.7	8.1
Hollinger Office:	9.1	16.6	18.0	31.3
Sandy:	7.3	15.8	13.3	26.1

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	3.0	4.2
Edwards:	3.3	8.6
Hollinger Office:	10.6	33.5
Sandy:	1.8	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	1.0	1.7
Edwards:	0.4	0.4	0.5
Hollinger Office:	1.9	0.6	1.1
Hollinger West:	0.2	0.3	0.2
Imerys:	1.2	0.6	0.5
Noah:	1.5	0.8	0.8
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	0.5	0.3	0.6
Water Tower:	0.5	0.4	0.7
Wilson:	1.2	1.6	1.3