

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_147
Date: 19-Jan-18
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 12 km/hr
Wind Direction: S
Temperature: -1.7 °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:	53.2 LAeq	108.0 dB
Edwards:	48.5 LAeq	102.3 dB
Fred:	51.6 LAeq	102.5 dB
Hollinger Office:	52.1 LAeq	115.3 dB
Noah:	58.3 LAeq	107.4 dB
Sandy:	47.2 LAeq	104.2 dB
Water Tower:	49.5 LAeq	113.2 dB
Wilson:	49.5 LAeq	104.2 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:	19.2	21.0	16.6	17.0
Edwards:	6.7	7.3	24.4	26.8
Hollinger Office:	18.6	23.9	33.2	48.8
Sandy:	10.1	11.5	20.8	22.2

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:	4.5	15.6
Edwards:	2.4	5.9
Hollinger Office:	17.3	42.9
Sandy:	4.0	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	2.2	3.0	4.4
Hollinger West:	0.1	0.2	0.2
Imerys:	1.7	0.6	1.0
Noah:	1.1	1.0	1.0
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.1	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.4	0.5	0.7