

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_115
Date: 24-Jul-18
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 21.5 °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:	53.9 LAeq	100.9 dB
Edwards:	48.4 LAeq	97.4 dB
Fred:	43.3 LAeq	88.4 dB
Hollinger Office:	57.3 LAeq	104.3 dB
Noah:	61.8 LAeq	99.5 dB
Sandy:	48.9 LAeq	107.3 dB
Water Tower:	47.3 LAeq	109.0 dB
Wilson:	48.4 LAeq	101.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.0	47.6	51.8
Edwards:	3.7	4.0	20.4	22.6
Hollinger Office:	11.9	12.9	17.2	22.1
Sandy:	5.1	6.3	0.0	0.0

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:	1.5	2.5
Edwards:	3.1	7.1
Hollinger Office:	6.1	14.6
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.9	1.1	3.6
Hollinger West:	0.3	0.2	0.3
Imerys:	5.6	8.5	6.0
Noah:	1.4	3.2	2.6
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	6.7	2.2	6.4
Wilson:	0.5	0.4	0.5