

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_051
Date: 15-Jun-17
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1219 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 18 km/hr
Wind Direction: SE
Temperature: 17 °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:	54.6 LAeq	105.0 dB
Edwards:	50.5 LAeq	108.2 dB
Fred:	48.2 LAeq	108.1 dB
Hollinger Office:	56.3 LAeq	109.8 dB
Noah:	60.4 LAeq	109.0 dB
Sandy:	51.7 LAeq	106.4 dB
Water Tower:	54.7 LAeq	117.2 dB
Wilson:	53.6 LAeq	107.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	4.9	9.7	10.6
Edwards:	8.1	8.8	11.3	13.1
Hollinger Office:	14.0	25.8	12.4	28.3
Sandy:	9.1	9.7	8.5	10.0

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:	11.0	23.8
Edwards:	1.3	2.3
Hollinger Office:	6.1	16.7
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	0.2	0.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.2	0.3	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	1.2	0.8	1.1
Sandy:	1.0	0.5	1.0
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.5	0.5