

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_059
Date: 13-Jan-17
Blast Time: 11:30
Blast Sign Activation: 10:07
Website Notification Time: 11:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: W
Temperature: -21.7 °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:	59.4 LAeq	108.8 dB
Edwards:	62.8 LAeq	101.6 dB
Fred:	39.9 LAeq	102.3 dB
Hollinger Office:	58.5 LAeq	106.5 dB
Noah:	58.9 LAeq	104.6 dB
Sandy:	47.7 LAeq	109.2 dB
Water Tower:	53.8 LAeq	109.9 dB
Wilson:	58.4 LAeq	110.0 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:	7.9	9.1	4.9	6.5
Edwards:	14.6	21.2	13.7	17.4
Hollinger Office:	15.3	19.2	0.0	0.0
Hollinger Park:	10.1	12.9	9.0	10.9
Sandy:	10.4	13.0	7.7	9.9

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:	3.8	4.7
Edwards:	4.8	10.0
Hollinger Office:	9.0	12.9
Hollinger Park:	13.1	17.2
Sandy:	5.5	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.3	0.5
Noah:	0.8	0.5	0.7
Moneta Pumping Station:	0.7	0.6	0.8
Sandy:	1.2	1.1	0.9
Water Tower:	0.4	0.3	0.4
Wilson:	1.7	1.1	1.4