

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_060
Date: 16-Jan-17
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7351 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: -0.7 °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:	54.1 LAeq	108.8 dB
Edwards:	50.5 LAeq	105.4 dB
Fred:	45.2 LAeq	103.2 dB
Hollinger Office:	61.7 LAeq	109.2 dB
Noah:	60.8 LAeq	105.2 dB
Sandy:	51.3 LAeq	107.5 dB
Water Tower:	51.8 LAeq	112.8 dB
Wilson:	52.8 LAeq	105.5 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:	10.5	11.4	10.4	11.2
Edwards:	10.3	13.1	20.7	29.5
Hollinger Office:	23.9	34.0	0.0	0.0
Hollinger Park:	7.3	8.4	18.1	21.4
Sandy:	3.4	3.9	12.0	13.2

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:	4.8	8.8
Edwards:	12.0	23.1
Hollinger Office:	15.2	20.4
Hollinger Park:	11.1	18.3
Sandy:	3.5	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.4	0.5
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.4	0.4
Noah:	0.8	0.4	0.5
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	0.7	0.9	1.0
Water Tower:	0.4	0.3	0.5
Wilson:	2.4	0.7	2.0