

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_knob/3346_007 F+6/3358_070
Date: 27-Jan-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 25 km/hr
Wind Direction: NW
Temperature: -5.6 °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:	56.5 LAeq	112.0 dB
Edwards:	52.5 LAeq	107.8 dB
Fred:	50.2 LAeq	110.1 dB
Hollinger Office:	59.4 LAeq	112.3 dB
Noah:	61.0 LAeq	111.4 dB
Sandy:	56.0 LAeq	111.8 dB
Water Tower:	55.0 LAeq	118.1 dB
Wilson:	52.1 LAeq	108.9 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:	2.5	2.8	0.2	1.0
Edwards:	2.5	3.2	1.5	2.3
Hollinger Office:	3.6	3.8	1.6	3.2
Hollinger Park:	2.2	2.6	1.2	2.7
Sandy:	6.3	9.6	5.5	9.3

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	3.7
Edwards:	1.6	2.2
Hollinger Office:	6.0	13.8
Hollinger Park:	5.4	9.2
Sandy:	6.6	16.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.2	0.3
Hollinger Office:	0.5	0.5	0.5
Hollinger West:	0.4	0.3	0.6
Imerys:	0.6	0.7	0.8
Noah:	0.8	0.6	1.3
Moneta Pumping Station:	1.3	0.5	0.7
Sandy:	2.4	1.7	3.0
Water Tower:	1.0	1.1	0.9
Wilson:	1.4	1.1	1.8