

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_034/3346_001 Pre Shear
Date: 1-Dec-16
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 0.2 °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:	59.1 LAeq	112.4 dB
Edwards:	55.4 LAeq	115.1 dB
Fred:	46.2 LAeq	105.6 dB
Hollinger Office:	63.2 LAeq	114.1 dB
Noah:	62.1 LAeq	111.4 dB
Sandy:	60.3 LAeq	106.8 dB
Water Tower:	56.0 LAeq	116.9 dB
Wilson:	50.5 LAeq	108.0 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:	2.6	3.2	2.6	3.2
Edwards:	0.3	0.3	2.9	4.9
Hollinger Office:	0.4	0.4	3.9	4.5
Hollinger Park:	0.4	0.5	4.2	5.1
Sandy:	1.3	1.5	2.2	2.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.7	3.6
Edwards:	2.9	5.1
Hollinger Office:	4.6	5.1
Hollinger Park:	8.4	24.6
Sandy:	2.8	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.2	0.8
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	1.2	0.7	0.9
Sandy:	0.7	0.9	0.7
Water Tower:	0.4	0.2	0.3
Wilson:	0.7	0.5	0.7