

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_214 & 3364_TOE_H
Date: 3-Mar-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 610 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 19 km/hr
Wind Direction: W
Temperature: -17.9 °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:	56.1 LAeq	108.4 dB
Edwards:	51.1 LAeq	105.3 dB
Fred:	44.6 LAeq	105.3 dB
Hollinger Office:	56.1 LAeq	111.6 dB
Noah:	59.5 LAeq	110.5 dB
Sandy:	55.9 LAeq	108.1 dB
Water Tower:	49.6 LAeq	117.8 dB
Wilson:	49.5 LAeq	108.1 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:	7.4	8.7	3.5	4.9
Edwards:	11.1	16.1	16.5	28.0
Hollinger Office:	16.8	18.7	23.4	29.9
Hollinger Park:	12.0	23.5	31.8	93.8
Sandy:	7.6	12.5	10.8	21.0

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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:	4.0	4.3
Edwards:	1.8	3.4
Hollinger Office:	5.5	6.6
Hollinger Park:	6.5	8.8
Sandy:	7.8	23.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.6	0.8	0.7
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.5	0.2
Water Tower:	1.5	4.0	2.7
Wilson:	0.4	0.3	0.6