

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_174
Date: 26-Sep-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 10.4 km/hr
Wind Direction: NW
Temperature: 10.1 °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:	59.7 LAeq	104.8 dB
Edwards:	54.1 LAeq	112.9 dB
Fred:	48.6 LAeq	110.3 dB
Hollinger Office:	61.9 LAeq	112.9 dB
Noah:	62.9 LAeq	111.2 dB
Sandy:	52.5 LAeq	108.0 dB
Water Tower:	61.0 LAeq	116.8 dB
Wilson:	54.8 LAeq	109.5 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:	2.3	2.9	0.2	0.8
Edwards:	5.5	6.7	0.0	0.0
Hollinger Office:	0.0	0.0	6.9	9.2
Hollinger Park:	5.4	5.7	7.9	8.5
Sandy:	2.1	2.8	4.5	5.2

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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:	0.4	1.6
Edwards:	0.7	3.1
Hollinger Office:	6.1	17.6
Hollinger Park:	1.9	3.8
Sandy:	1.6	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: Water Tower Exceedance (15.9mm/s). Under investigation.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	1.1
Hollinger West:	0.2	0.1	0.2
Imerys:	1.1	0.7	1.6
Noah:	0.8	0.6	0.9
Moneta Pumping Station:	0.4	0.1	0.2
Sandy:	0.3	0.5	0.4
Water Tower:	0.9	0.3	0.8
Wilson:	1.0	0.7	0.7