

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_017
Date: 4-Sep-16
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:11

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 21.6 °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:	52.6 LAeq	101.0 dB
Edwards:	52.2 LAeq	98.2 dB
Fred:	43.8 LAeq	105.8 dB
Hollinger Office:	66.5 LAeq	104.5 dB
Noah:	59.7 LAeq	103.4 dB
Sandy:	52.9 LAeq	109.3 dB
Water Tower:	46.8 LAeq	115.0 dB
Wilson:	21.5 LAeq	79.8 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:	2.9	3.1	0.3	1.5
Edwards:	6.9	23.1	20.0	76.0
Hollinger Office:	16.8	37.1	23.7	50.8
Hollinger Park:	7.5	8.5	13.0	15.1
Sandy:	5.7	9.1	10.0	18.0

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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:	0.1	1.0
Edwards:	1.5	3.8
Hollinger Office:	5.6	23.6
Hollinger Park:	0.7	1.3
Sandy:	0.3	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	2.0	1.8	2.1
Imerys:	0.5	0.4	0.8
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	1.0	0.8	0.8
Water Tower:	1.0	0.7	1.0
Wilson:	3.5	3.5	4.0