

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_152
Date: 2-Aug-16
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 27.6 °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:	54.0 LAeq	116.4 dB
Edwards:	53.7 LAeq	108.8 dB
Fred:	42.2 LAeq	95.8 dB
Hollinger Office:	68.4 LAeq	120.8 dB
Noah:	61.0 LAeq	112.3 dB
Sandy:	68.5 LAeq	107.3 dB
Water Tower:	51.9 LAeq	117.3 dB
Wilson:	52.9 LAeq	105.9 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:	18.3	19.7	39.1	41.7
Edwards:	11.2	14.0	45.3	52.9
Hollinger Office:	31.2	39.5	107.5	128.1
Hollinger Park:	18.6	21.3	35.2	42.4
Sandy:	10.4	11.2	72.7	78.3

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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:	0.3	1.8
Edwards:	0.0	0.0
Hollinger Office:	3.8	9.2
Hollinger Park:	1.2	4.1
Sandy:	0.5	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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