

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_098
Date: 31-May-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3657 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12 km/hr
Wind Direction: N
Temperature: 9.2 °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:	56.0 LAeq	109.8 dB
Edwards:	56.4 LAeq	106.8 dB
Fred:	46.5 LAeq	101.7 dB
Hollinger Office:	60.3 LAeq	116.1 dB
Noah:	61.2 LAeq	110.5 dB
Sandy:	52.1 LAeq	110.7 dB
Water Tower:	51.0 LAeq	115.0 dB
Wilson:	48.5 LAeq	104.0 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:	4.5	4.8	6.3	7.2
Edwards:	12.0	12.8	9.0	12.1
Hollinger Office:	8.2	9.9	11.3	16.6
Hollinger Park:	11.2	13.9	23.3	28.6
Sandy:	4.9	5.4	12.6	14.1

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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:	0.7	1.1
Edwards:	0.9	1.2
Hollinger Office:	2.9	5.2
Hollinger Park:	0.9	2.4
Sandy:	1.2	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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