

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_123
Date: 28-Jun-16
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12 km/hr
Wind Direction: NW
Temperature: 14.6 °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:	56.8 LAeq	102.8 dB
Edwards:	61.0 LAeq	102.8 dB
Fred:	49.0 LAeq	104.1 dB
Hollinger Office:	59.0 LAeq	109.2 dB
Noah:	60.8 LAeq	108.3 dB
Sandy:	55.9 LAeq	106.1 dB
Water Tower:	51.1 LAeq	109.7 dB
Wilson:	48.2 LAeq	107.9 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:	2.8	4.6	7.1	10.3
Edwards:	3.1	4.4	8.4	17.7
Hollinger Office:	5.3	6.3	6.4	8.3
Hollinger Park:	10.2	27.5	20.3	66.7
Sandy:	25.3	55.1	28.3	51.1

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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:	0.1	0.5
Edwards:	0.1	0.7
Hollinger Office:	4.2	9.2
Hollinger Park:	2.9	7.8
Sandy:	4.8	17.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	1.2	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.9	0.3	0.7
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.1	0.4	0.3
Water Tower:	0.2	0.1	0.3
Wilson:	0.6	0.3	0.6