

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_061A/093
Date: 16-May-16
Blast Time: 11:40
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 6705 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12 km/hr
Wind Direction: N
Temperature: 7.3 °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	111.0 dB
Edwards:	56.7 LAeq	103.3 dB
Fred:	45.8 LAeq	109.1 dB
Hollinger Office:	56.7 LAeq	122.3 dB
Noah:	61.5 LAeq	108.3 dB
Sandy:	54.1 LAeq	116.3 dB
Water Tower:	60.3 LAeq	118.2 dB
Wilson:	45.0 LAeq	104.4 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:	10.4	11.1	3.0	4.8
Edwards:	4.9	5.6	4.3	8.5
Hollinger Office:	13.0	15.5	9.1	14.3
Hollinger Park:	14.8	29.5	20.8	48.2
Sandy:	2.7	3.4	5.2	10.0

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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:	0.7	1.2
Edwards:	1.0	1.2
Hollinger Office:	4.4	7.8
Hollinger Park:	1.2	2.3
Sandy:	1.3	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	10.9	3.5	4.6
Hollinger West:	1.8	0.2	0.5
Imerys:	1.3	1.0	1.1
Noah:	2.0	0.9	1.1
Moneta Pumping Station:	4.6	2.9	3.7
Sandy:	1.6	3.6	3.5
Water Tower:	1.4	0.4	0.9
Wilson:	0.7	0.8	0.8