

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_138 & 33790_148
Date: 26-Jul-16
Blast Time: 15:30
Blast Sign Activation: 8:55
Website Notification Time: 8:55

Blast Conditions

Ceiling Height: 1768 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7.3 km/hr
Wind Direction: W
Temperature: 28.1 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	57.1 LAeq	111.9 dB
Edwards:	59.3 LAeq	106.1 dB
Fred:	50.9 LAeq	102.0 dB
Hollinger Office:	56.5 LAeq	117.0 dB
Noah:	61.6 LAeq	109.0 dB
Sandy:	56.8 LAeq	109.2 dB
Water Tower:	57.2 LAeq	121.4 dB
Wilson:	53.9 LAeq	107.8 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:	9.8	12.0	33.7	40.3
Edwards:	11.1	14.4	34.7	48.5
Hollinger Office:	13.3	15.6	86.3	90.9
Hollinger Park:	15.1	17.2	24.1	28.8
Sandy:	10.8	11.9	58.4	60.5

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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:	2.0	5.3
Edwards:	1.7	5.1
Hollinger Office:	2.6	4.1
Hollinger Park:	1.9	5.8
Sandy:	0.8	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	12.0	3.3	10.0
Hollinger West:	0.5	0.3	0.4
Imerys:	1.4	1.0	1.6
Noah:	1.3	0.8	1.1
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.7	0.7	0.7
Water Tower:	3.9	1.1	3.5
Wilson:	1.1	1.5	2.1