

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_111
Date: 31-Jan-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 883 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 1.7 °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:	51.8 LAeq	103.1 dB
Edwards:	51.6 LAeq	102.2 dB
Fred:	42.5 LAeq	103.2 dB
Hollinger Office:	67.5 LAeq	105.6 dB
Noah:	59.7 LAeq	104.6 dB
Sandy:	56.2 LAeq	107.4 dB
Water Tower:	LAeq	dB
Wilson:	54.6 LAeq	103.6 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:	8.1	8.9	5.0	5.7
Edwards:	4.1	5.2	9.8	12.6
Hollinger Office:	7.3	17.1	19.1	53.7
Hollinger Park:	3.9	4.9	10.5	19.2
Sandy:	3.6	4.1	5.4	6.7

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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:	2.8	5.1
Edwards:	14.9	26.1
Hollinger Office:	7.7	20.0
Hollinger Park:	3.8	5.8
Sandy:	1.6	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.7	0.1	0.2
Imerys:	0.2	0.1	0.2
Noah:	0.2	0.1	0.4
Moneta Pumping Station:	1.0	0.7	0.8
Sandy:	0.7	1.0	0.8
Water Tower:	0.1	0.4	0.1
Wilson:	0.6	0.7	0.9