

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_060
Date: 13-Dec-15
Blast Time: 13:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 365 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: E
Temperature: -1.9 °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:	56.0 LAeq	107.1 dB
Edwards:	49.0 LAeq	105.1 dB
Fred:	46.7 LAeq	104.0 dB
Hollinger Office:	56.5 LAeq	109.7 dB
Noah:	60.6 LAeq	108.2 dB
Sandy:	56.8 LAeq	109.2 dB
Water Tower:	54.3 LAeq	111.6 dB
Wilson:	53.2 LAeq	105.5 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:	2.6	3.1	0.9	1.4
Edwards:	1.3	1.5	4.4	6.0
Hollinger Office:	1.9	2.5	3.8	5.8
Hollinger Park:	8.0	11.1	10.4	20.6
Sandy:	2.5	4.3	4.1	11.0

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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	1.0
Edwards:	1.6	2.0
Hollinger Office:	7.5	9.8
Hollinger Park:	9.7	19.8
Sandy:	6.2	12.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.7	0.1	0.0
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	2.8	1.0	2.1
Water Tower:	0.2	0.2	0.2
Wilson:	1.0	0.4	0.7