

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_082
Date: 13-Dec-15
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: E
Temperature: -2.5 °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:	54.7 LAeq	98.8 dB
Edwards:	51.6 LAeq	101.9 dB
Fred:	44.6 LAeq	99.6 dB
Hollinger Office:	55.5 LAeq	104.5 dB
Noah:	59.5 LAeq	111.8 dB
Sandy:	61.5 LAeq	105.9 dB
Water Tower:	52.9 LAeq	104.7 dB
Wilson:	52.4 LAeq	102.9 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:	3.2	3.6	1.2	1.7
Edwards:	1.5	2.0	4.6	7.0
Hollinger Office:	2.3	3.1	3.7	4.2
Hollinger Park:	8.4	10.9	10.3	17.4
Sandy:	2.5	3.4	2.5	5.5

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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:	1.0	1.4
Edwards:	1.8	2.0
Hollinger Office:	7.3	9.4
Hollinger Park:	7.6	12.6
Sandy:	4.0	9.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.2
Edwards:	0.4	0.4	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	1.7	0.1	0.3
Imerys:	0.3	0.3	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.5	0.8	1.0
Sandy:	2.8	4.4	3.3
Water Tower:	0.6	0.2	0.5
Wilson:	0.5	0.5	0.4