

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_062
Date: 31-Dec-15
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3414 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: S
Temperature: -11.5 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	48.1 LAeq	101.9 dB
Edwards:	51.5 LAeq	99.5 dB
Fred:	42.3 LAeq	94.1 dB
Hollinger Office:	53.7 LAeq	107.1 dB
Noah:	61.4 LAeq	107.9 dB
Sandy:	58.2 LAeq	110.6 dB
Water Tower:	50.2 LAeq	106.1 dB
Wilson:	52.4 LAeq	98.6 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	5.3	3.8	4.6
Edwards:	4.2	5.4	5.6	8.1
Hollinger Office:	3.9	4.5	3.9	4.6
Hollinger Park:	2.0	2.4	3.2	4.1
Sandy:	6.1	12.9	14.5	33.8

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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:	2.2	5.8
Edwards:	4.3	10.7
Hollinger Office:	3.3	5.4
Hollinger Park:	5.5	7.7
Sandy:	3.6	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.7
Edwards:	0.2	0.4	0.3
Hollinger Office:	0.4	0.7	0.5
Hollinger West:	1.8	0.2	0.3
Imerys:	0.4	0.4	0.5
Noah:	0.8	0.4	0.6
Moneta Pumping Station:	0.9	0.6	1
Sandy:	4.6	2.9	3.5
Water Tower:	0.5	0.3	0.6
Wilson:	1.8	1.4	2.4