

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_012/006B
Date: 14-Dec-15
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 122 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: NE
Temperature: -1.3 °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:	60.8 LAeq	106.8 dB
Edwards:	58.3 LAeq	105.2 dB
Fred:	49.0 LAeq	106.0 dB
Hollinger Office:	59.5 LAeq	113.3 dB
Noah:	64.1 LAeq	112.4 dB
Sandy:	55.2 LAeq	109.9 dB
Water Tower:	54.3 LAeq	105.4 dB
Wilson:	54.0 LAeq	109.0 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:	1.9	2.0	0.0	0.0
Edwards:	4.9	6.7	3.0	4.7
Hollinger Office:	2.5	3.0	3.2	4.2
Hollinger Park:	5.1	5.3	0.7	1.1
Sandy:	6.6	15.3	4.1	13.4

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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	1.3
Edwards:	4.9	10.7
Hollinger Office:	5.7	12.3
Hollinger Park:	1.4	1.6
Sandy:	36.0	86.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.0	0.9
Edwards:	0.6	0.5	0.4
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	1.7	0.0	0.0
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	1.6	0.9	1.0
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.4