

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_016
Date: 3-Dec-15
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 610 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 2.5 km/hr
Wind Direction: W
Temperature: -3.8 °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:	53.2 LAeq	111.6 dB
Edwards:	52.1 LAeq	99.3 dB
Fred:	42.5 LAeq	91.1 dB
Hollinger Office:	57.7 LAeq	107.4 dB
Noah:	59.6 LAeq	100.4 dB
Sandy:	53.2 LAeq	106.8 dB
Water Tower:	46.1 LAeq	106.4 dB
Wilson:	46.1 LAeq	100.1 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:	5.8	6.4	6.0	7.0
Edwards:	2.8	3.3	8.4	9.3
Hollinger Office:	3.6	3.9	6.4	7.5
Hollinger Park:	3.0	3.2	9.9	11.4
Sandy:	5.1	7.8	5.1	9.0

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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:	2.7	4.0
Edwards:	2.0	3.0
Hollinger Office:	4.2	6.0
Hollinger Park:	6.2	17.2
Sandy:	2.1	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.4	0.6
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.7	0.2	0.3
Hollinger West:	1.6	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.6	0.2	0.5
Sandy:	1.7	1.6	2.0
Water Tower:	0.2	0.1	0.3
Wilson:	0.7	0.4	0.6