

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_013
Date: 14-Nov-15
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 305 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: SW
Temperature: -4.4 °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:	53.6 LAeq	114.1 dB
Edwards:	54.7 LAeq	105.1 dB
Fred:	40.5 LAeq	95.9 dB
Hollinger Office:	57.2 LAeq	110.9 dB
Noah:	61.3 LAeq	103.3 dB
Sandy:	51.8 LAeq	99.5 dB
Water Tower:	52.1 LAeq	103.7 dB
Wilson:	51.0 LAeq	100.7 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:	1.6	2.1	9.3	10.1
Edwards:	0.9	2.7	3.0	9.3
Hollinger Office:	7.5	13.1	8.0	18.1
Hollinger Park:	3.5	4.5	3.9	6.7
Sandy:	1.9	4.3	1.1	2.7

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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:	0.9	3.0
Edwards:	12.2	21.6
Hollinger Office:	6.2	8.0
Hollinger Park:	3.1	9.6
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.1	0.1	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	1.3	0.7	1.0
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.4	0.3