

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_106
Date: 12-Dec-15
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3413 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 1.8 km/hr
Wind Direction: E
Temperature: -0.6 °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:	56.7 LAeq	102.8 dB
Edwards:	50.3 LAeq	100.2 dB
Fred:	41.6 LAeq	88.1 dB
Hollinger Office:	68.1 LAeq	103.6 dB
Noah:	61.9 LAeq	101.2 dB
Sandy:	58.1 LAeq	113.2 dB
Water Tower:	47.9 LAeq	99.5 dB
Wilson:	50.5 LAeq	97.3 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:	2.5	2.7	1.5	1.7
Edwards:	1.4	1.7	2.2	3.5
Hollinger Office:	1.8	1.9	2.5	2.9
Hollinger Park:	6.5	11.2	4.5	14.4
Sandy:	0.8	1.1	0.9	1.7

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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:	1.3	2.2
Edwards:	2.1	3.5
Hollinger Office:	5.8	10.9
Hollinger Park:	4.3	7.6
Sandy:	4.9	7.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.8	0.2	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	6.5	3.8	6.4
Sandy:	6.6	13.2	5.0
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.5	0.7