

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_094
Date: 15-Dec-15
Blast Time: 13:43
Blast Sign Activation: 12:10
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 335 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: -6.3 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	60.1 LAeq	116.4 dB
Edwards:	55.8 LAeq	110.2 dB
Fred:	58.6 LAeq	119.4 dB
Hollinger Office:	67.7 LAeq	119.0 dB
Noah:	63.5 LAeq	118.3 dB
Sandy:	58.7 LAeq	120.6 dB
Water Tower:	57.5 LAeq	120.9 dB
Wilson:	59.3 LAeq	117.6 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:	3.4	3.8	2.6	3.1
Edwards:	4.6	5.0	5.6	6.0
Hollinger Office:	6.4	7.2	5.7	6.6
Hollinger Park:	3.7	4.4	4.6	7.9
Sandy:	20.5	31.4	15.4	24.6

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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:	0.4	1.0
Edwards:	1.6	1.8
Hollinger Office:	4.7	10.9
Hollinger Park:	4.1	7.1
Sandy:	4.6	8.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.7	0.1	0.0
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.8	0.4	1.0
Sandy:	3.5	1.8	3.6
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.4	0.4