

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_109
Date: 10-Dec-15
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 365 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 3.4 °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:	57.2 LAeq	102.2 dB
Edwards:	61.3 LAeq	110.3 dB
Fred:	46.2 LAeq	105.6 dB
Hollinger Office:	61.7 LAeq	118.4 dB
Noah:	63.9 LAeq	108.1 dB
Sandy:	52.4 LAeq	109.8 dB
Water Tower:	55.7 LAeq	113.9 dB
Wilson:	53.6 LAeq	105.2 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:	6.4	10.2	4.5	8.7
Edwards:	2.7	4.1	6.6	11.3
Hollinger Office:	4.7	7.5	8.4	12.5
Hollinger Park:	3.0	4.3	5.9	9.7
Sandy:	3.0	4.8	4.6	7.8

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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:	2.8	9.3
Edwards:	2.2	4.7
Hollinger Office:	23.5	202.7
Hollinger Park:	1.2	1.4
Sandy:	3.2	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	1.8	0.2	0.4
Imerys:	0.3	0.4	0.5
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	1.6	0.8	1.3
Sandy:	10.1	7.2	3.9
Water Tower:	0.8	0.4	0.6
Wilson:	0.8	1.1	1.3