

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_058BC/3373_029
Date: 29-Nov-15
Blast Time: 13:37
Blast Sign Activation: 11:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 853 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7.4 km/hr
Wind Direction: W
Temperature: -5.5 °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:	52.5 LAeq	104.4 dB
Edwards:	58.5 LAeq	108.3 dB
Fred:	41.5 LAeq	92.0 dB
Hollinger Office:	55.6 LAeq	110.3 dB
Noah:	58.5 LAeq	104.7 dB
Sandy:	50.2 LAeq	104.3 dB
Water Tower:	52.3 LAeq	108.4 dB
Wilson:	43.5 LAeq	99.5 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:	3.2	3.7	4.6	5.1
Edwards:	1.0	1.2	4.0	4.6
Hollinger Office:	1.8	2.4	3.1	4.8
Hollinger Park:	2.6	3.8	6.5	17.1
Sandy:	1.9	3.3	2.4	5.8

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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:	0.5	1.5
Edwards:	1.2	2.0
Hollinger Office:	3.4	7.5
Hollinger Park:	1.2	2.0
Sandy:	4.3	11.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.6
Edwards:	0.4	0.5	0.4
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	1.7	0.2	0.3
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	1.3	0.6	0.7
Sandy:	2.6	1.6	2.8
Water Tower:	0.2	0.2	0.4
Wilson:	0.0	0.0	0.0