

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_057
Date: 4-Jun-15
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: 3100 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: E
Temperature: 18.8 °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:	55.6 LAeq	107.3 dB
Edwards:	53.7 LAeq	104.4 dB
Fred:	48.2 LAeq	100.9 dB
Hollinger Office:	59.3 LAeq	112.8 dB
Noah:	62.0 LAeq	108.8 dB
Sandy:	58.4 LAeq	104.1 dB
Water Tower:	53.4 LAeq	110.7 dB
Wilson:	53.9 LAeq	103.9 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	15.0	26.6	32.9
Edwards:	12.8	14.1	22.1	26.2
Hollinger Office:	32.5	50.0	39.6	61.3
Hollinger Park:	18.9	29.2	31.5	51.5
Sandy:	16.0	19.7	34.0	42.7

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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:	0.5	0.7
Edwards:	2.0	2.3
Hollinger Office:	17.0	42.8
Hollinger Park:	3.6	14.9
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.6	0.2	0.3
Hollinger West:	0.2	0.2	0.3
Imerys:	0.3	0.4	0.4
Noah:	0.7	0.4	0.6
Moneta Pumping Station:	1.0	0.8	1.0
Sandy:	8.0	2.7	3.4
Water Tower:	1.1	0.3	0.5
Wilson:	0.8	0.6	0.9