

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_114
Date: 12-Sep-15
Blast Time: 11:36
Blast Sign Activation: 9:00
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 430 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 9.7 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.6 LAeq	98.3 dB
Edwards:	53.4 LAeq	96.5 dB
Fred:	44.7 LAeq	98.0 dB
Hollinger Office:	58.2 LAeq	99.7 dB
Noah:	59.6 LAeq	98.8 dB
Sandy:	54.0 LAeq	113.6 dB
Water Tower:	53.7 LAeq	101.3 dB
Wilson:	58.6 LAeq	103.9 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:	1.6	1.8	9.7	11.3
Edwards:	0.9	1.3	0.2	0.8
Hollinger Office:	0.5	3.2	17.7	19.0
Hollinger Park:	3.0	3.8	5.4	9.6
Sandy:	10.5	43.5	37.7	101.2

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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:	0.8	1.3
Edwards:	0.6	0.9
Hollinger Office:	2.2	3.3
Hollinger Park:	1.2	3.4
Sandy:	22.7	100.5

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:	0.3	0.4	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.1	0.2	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	2.7	1.0	1.7
Sandy:	3.8	2.4	3.0
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.5	0.5