

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_027/033
Date: 3-May-16
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4267 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: S
Temperature: 14.5 °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:	53.5 LAeq	105.2 dB
Edwards:	48.7 LAeq	104.5 dB
Fred:	45.4 LAeq	104.4 dB
Hollinger Office:	61.0 LAeq	107.8 dB
Noah:	61.5 LAeq	105.2 dB
Sandy:	51.7 LAeq	105.1 dB
Water Tower:	57.4 LAeq	107.8 dB
Wilson:	52.4 LAeq	110.1 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.5	12.9	7.6	9.7
Edwards:	6.2	9.8	11.8	33.8
Hollinger Office:	22.2	39.1	23.2	34.6
Hollinger Park:	19.8	27.7	32.2	54.4
Sandy:	10.4	14.9	14.4	28.1

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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:	2.2	11.0
Edwards:	2.5	5.7
Hollinger Office:	2.2	5.1
Hollinger Park:	0.9	5.2
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	1.5	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.3	0.4	0.4
Water Tower:	0.1	0.1	0.2
Wilson:	0.4	0.3	0.3