

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_096
Date: 26-Oct-15
Blast Time: 15:56
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3048 m
Boundary Layer Height: None m
Cloud Cover: 75% Cloudy
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 4.9 °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:	56.2 LAeq	102.9 dB
Edwards:	51.6 LAeq	105.4 dB
Fred:	45.7 LAeq	99.3 dB
Hollinger Office:	60.5 LAeq	104.8 dB
Noah:	62.3 LAeq	103.4 dB
Sandy:	72.9 LAeq	114.3 dB
Water Tower:	63.4 LAeq	106.1 dB
Wilson:	49.6 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.7	10.9	13.0
Edwards:	6.1	10.1	18.2	28.8
Hollinger Office:	27.4	52.3	25.4	46.7
Hollinger Park:	15.4	22.0	25.9	43.2
Sandy:	3.6	4.9	5.0	8.5

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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:	2.3	4.8
Edwards:	9.5	14.5
Hollinger Office:	17.7	30.1
Hollinger Park:	5.7	9.6
Sandy:	1.1	1.5

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:	0.2	0.3	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.9	0.4	0.7
Sandy:	2.9	1.9	2.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.6	0.6	0.5