

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_041
Date: 10-Sep-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 4 km/hr
Wind Direction: W
Temperature: 17.5 °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:	53.2 LAeq	103.3 dB
Edwards:	55.8 LAeq	98.9 dB
Fred:	44.8 LAeq	98.7 dB
Hollinger Office:	55.2 LAeq	102.0 dB
Noah:	60.6 LAeq	105.1 dB
Sandy:	46.8 LAeq	106.6 dB
Water Tower:	49.4 LAeq	114.6 dB
Wilson:	50.9 LAeq	105.3 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.3	4.9	6.0
Edwards:	3.8	6.3	16.3	27.7
Hollinger Office:	25.8	70.7	31.4	108.7
Sandy:	2.7	3.7	7.4	12.9

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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	5.0
Edwards:	7.4	12.8
Hollinger Office:	9.0	16.2
Sandy:	0.2	0.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	1.1	0.7	1.6
Imerys:	2.4	1.2	2.0
Noah:	2.2	2.4	2.9
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	5.8	4.1	5.1
Wilson:	1.3	0.8	2.1