

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_012
Date: 19-Mar-17
Blast Time: 15:40
Blast Sign Activation: 7:40
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 6705 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 14 km/hr
Wind Direction: S
Temperature: 8.4 °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:	52.2 LAeq	102.0 dB
Edwards:	45.5 LAeq	100.0 dB
Fred:	44.7 LAeq	100.1 dB
Hollinger Office:	64.8 LAeq	104.1 dB
Noah:	58.6 LAeq	99.0 dB
Sandy:	51.2 LAeq	111.8 dB
Water Tower:	47.9 LAeq	103.2 dB
Wilson:	47.0 LAeq	100.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.9	18.2	11.8	25.3
Edwards:	11.4	12.6	10.2	12.8
Hollinger Office:	25.3	52.1	25.6	99.5
Hollinger Park:	9.5	14.3	15.1	27.1
Sandy:	11.9	15.5	8.6	10.9

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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:	5.0	11.1
Edwards:	2.4	4.7
Hollinger Office:	7.6	11.6
Hollinger Park:	1.3	2.8
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.4	0.4
Hollinger West:	0.5	0.2	0.3
Imerys:	0.4	0.3	0.3
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	1.4	0.8	1.1
Sandy:	1.9	1.5	1.9
Water Tower:	0.3	0.2	0.3
Wilson:	1.6	2.1	1.5