

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_022
Date: 1-Apr-17
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3353 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 6.7 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.8 LAeq	105.5 dB
Edwards:	54.9 LAeq	99.4 dB
Fred:	45.0 LAeq	105.6 dB
Hollinger Office:	55.4 LAeq	103.6 dB
Noah:	61.1 LAeq	105.7 dB
Sandy:	62.2 LAeq	113.8 dB
Water Tower:	63.9 LAeq	112.7 dB
Wilson:	49.7 LAeq	106.9 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:	7.7	9.3	7.8	10.0
Edwards:	11.6	13.4	12.3	17.5
Hollinger Office:	27.2	33.5	31.1	41.8
Hollinger Park:	38.5	73.2	58.2	100.4
Sandy:	10.6	13.9	10.5	16.0

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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:	2.9	4.5
Edwards:	0.2	0.6
Hollinger Office:	2.0	2.6
Hollinger Park:	3.0	7.6
Sandy:	6.5	19.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.3	0.4
Imerys:	0.1	0.2	0.2
Noah:	0.2	0.4	0.1
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.5	0.7