

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_065
Date: 3-Jul-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered clouds
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 19.4 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.4 LAeq	103.1 dB
Edwards:	51.4 LAeq	100.2 dB
Fred:	47.6 LAeq	109.2 dB
Hollinger Office:	55.8 LAeq	107.2 dB
Noah:	60.8 LAeq	108.4 dB
Sandy:	45.7 LAeq	111.5 dB
Water Tower:	54.8 LAeq	116.9 dB
Wilson:	47.0 LAeq	107.2 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:	5.2	6.5	11.9	14.4
Edwards:	5.1	5.7	10.9	13.7
Hollinger Office:	7.8	9.1	13.0	18.9
Sandy:	9.9	67.7	17.4	135.5

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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:	0.0	0.0
Edwards:	1.0	1.5
Hollinger Office:	2.2	4.4
Sandy:	8.2	64.3

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	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.4	0.4	0.5
Imerys:	0.4	0.5	0.5
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	2.2	2.8	2.7
Water Tower:	1.0	0.9	1.4
Wilson:	1.4	1.0	1.2