

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_071/3352_089
Date: 16-Oct-17
Blast Time: 11:37
Blast Sign Activation: 8:54
Website Notification Time: 9:11

Blast Conditions

Ceiling Height: 12000 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8.9 km/hr
Wind Direction: S
Temperature: 1.1 °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:	54.5 LAeq	116.4 dB
Edwards:	59.3 LAeq	109.9 dB
Fred:	48.5 LAeq	97.9 dB
Hollinger Office:	53.9 LAeq	119.6 dB
Noah:	61.1 LAeq	115.0 dB
Sandy:	49.4 LAeq	108.4 dB
Water Tower:	49.2 LAeq	117.3 dB
Wilson:	52.9 LAeq	104.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded at 24hrs.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	2.7	1.2	2.0
Edwards:	2.4	2.5	5.5	6.0
Hollinger Office:	5.1	6.1	1.1	3.0
Sandy:	4.4	11.4	4.2	11.6

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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:	1.9	4.7
Edwards:	2.9	5.5
Hollinger Office:	5.4	17.3
Sandy:	2.3	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.5	0.3	0.3
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.4	0.8
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.3	0.2	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.6	0.3	0.4