

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_040
Date: 3-Oct-17
Blast Time: 7:53
Blast Sign Activation: 7:40
Website Notification Time: 11:41

Blast Conditions

Ceiling Height: 18000 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 18.5 °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:	55.2 LAeq	110.1 dB
Edwards:	51.3 LAeq	105.4 dB
Fred:	47.8 LAeq	109.6 dB
Hollinger Office:	56.0 LAeq	113.5 dB
Noah:	61.5 LAeq	109.8 dB
Sandy:	51.8 LAeq	108.7 dB
Water Tower:	55.9 LAeq	113.8 dB
Wilson:	52.8 LAeq	107.3 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:	9.6	11.2	14.9	17.5
Edwards:	9.0	10.4	20.2	21.6
Hollinger Office:	41.6	87.3	46.3	144.0
Sandy:	18.2	21.2	15.2	20.5

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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:	1.0	3.5
Edwards:	2.3	4.4
Hollinger Office:	7.8	14.8
Sandy:	2.5	3.4

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:	0.2	0.2	0.2
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.6	0.5	0.9
Imerys:	2.1	1.9	2.3
Noah:	1.6	1.5	1.1
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	3.0	0.2	0.4
Water Tower:	6.8	7.3	4.9
Wilson:	1.5	0.6	0.8