

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_240
Date: 18-Apr-18
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 600 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 22 km/hr
Wind Direction: NW
Temperature: -3.9 °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:	56.4 LAeq	107.9 dB
Edwards:	50.5 LAeq	104.1 dB
Fred:	48.2 LAeq	115.3 dB
Hollinger Office:	57.1 LAeq	112.9 dB
Noah:	60.8 LAeq	106.0 dB
Sandy:	44.9 LAeq	109.9 dB
Water Tower:	55.1 LAeq	117.1 dB
Wilson:	50.6 LAeq	110.9 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	10.5	7.3	7.8
Edwards:	6.8	7.2	11.2	12.3
Hollinger Office:	6.5	7.6	11.6	14.3
Sandy:	11.5	19.7	10.1	18.3

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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	1.6
Edwards:	1.1	1.6
Hollinger Office:	2.7	3.8
Sandy:	6.1	18.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.6	2.0
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.7	0.7	0.8
Hollinger West:	0.3	0.4	0.2
Imerys:	0.5	0.2	0.3
Noah:	0.8	0.4	0.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.4	0.3	0.4
Wilson:	0.8	0.4	0.8