

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_014/015
Date: 7-May-18
Blast Time: 15:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 24 km/hr
Wind Direction: SW
Temperature: 19.2 °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	111.5 dB
Edwards:	51.9 LAeq	116.7 dB
Fred:	49.4 LAeq	115.3 dB
Hollinger Office:	57.9 LAeq	118.0 dB
Noah:	62.1 LAeq	118.9 dB
Sandy:	53.8 LAeq	117.9 dB
Water Tower:	59.0 LAeq	121.6 dB
Wilson:	53.8 LAeq	114.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	15.2	10.2	17.4
Edwards:	63.3	148.9	65.7	167.4
Hollinger Office:	169.6	940.6	94.0	324.0
Sandy:	26.4	29.9	20.8	26.5

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.5	1.3
Edwards:	3.9	11.1
Hollinger Office:	5.3	7.7
Sandy:	0.8	1.1

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:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	0.7
Hollinger West:	2.5	1.6	3.0
Imerys:	2.2	2.1	2.2
Noah:	2.9	2.0	4.2
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	0.6	0.3	0.6
Water Tower:	2.7	1.9	2.4
Wilson:	3.8	2.8	2.7