

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_145
Date: 3-Jul-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 12000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 26.8 °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:	54.7 LAeq	106.2 dB
Edwards:	49.6 LAeq	99.9 dB
Fred:	43.4 LAeq	100.5 dB
Hollinger Office:	56.7 LAeq	111.5 dB
Noah:	63.5 LAeq	102.9 dB
Sandy:	45.7 LAeq	108.4 dB
Water Tower:	49.9 LAeq	104.3 dB
Wilson:	48.5 LAeq	98.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	6.1	18.4	21.7
Edwards:	23.1	130.0	43.0	171.7
Hollinger Office:	28.5	41.6	21.9	39.2
Sandy:	5.0	7.6	47.0	50.5

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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:	2.5	5.3
Edwards:	0.0	0.0
Hollinger Office:	5.1	7.4
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	0.8
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.4	0.9
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.4
Noah:	0.6	0.3	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.0	0.0	0.0
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	0.3	0.9