

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_163
Date: 6-Apr-19
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 14000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 5.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.3 LAeq	111.6 dB
Edwards:	45.5 LAeq	103.3 dB
Fred:	41.4 LAeq	99.8 dB
Hollinger Office:	55.1 LAeq	119.4 dB
Noah:	60.4 LAeq	108.9 dB
Sandy:	41.7 LAeq	106.0 dB
Water Tower:	46.8 LAeq	116.0 dB
Wilson:	45.5 LAeq	105.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.8	2.9	4.2
Edwards:	5.8	12.4	4.4	15.7
Hollinger Office:	6.6	14.1	8.8	25.0
Sandy:	5.0	8.0	5.2	11.1

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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:	0.3	0.5
Edwards:	0.6	1.1
Hollinger Office:	1.8	2.5
Sandy:	3.1	8.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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