

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_100
Date: 10-Apr-18
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 26000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 2.5 °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:	53.1 LAeq	99.1 dB
Edwards:	48.5 LAeq	95.5 dB
Fred:	40.8 LAeq	100.0 dB
Hollinger Office:	53.8 LAeq	103.5 dB
Noah:	61.3 LAeq	98.2 dB
Sandy:	44.2 LAeq	101.0 dB
Water Tower:	52.2 LAeq	108.5 dB
Wilson:	45.0 LAeq	98.6 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:	12.3	16.9	10.3	16.0
Edwards:	15.7	24.6	22.9	36.4
Hollinger Office:	36.7	57.6	40.4	77.4
Sandy:	7.3	8.2	10.9	13.5

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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:	2.9	6.5
Edwards:	5.4	19.1
Hollinger Office:	4.9	7.3
Sandy:	1.7	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.8
Hollinger West:	0.2	0.2	0.1
Imerys:	0.0	0.0	0.0
Noah:	0.7	0.6	0.7
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.3	0.3	0.3
Water Tower:	0.4	0.2	0.5
Wilson:	0.6	0.5	1.0