

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_046
Date: 28-Sep-18
Blast Time: 15:48
Blast Sign Activation: 9:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 7.3 °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:	58.3 LAeq	106.3 dB
Edwards:	53.7 LAeq	101.0 dB
Fred:	46.2 LAeq	105.3 dB
Hollinger Office:	57.4 LAeq	108.7 dB
Noah:	64.2 LAeq	102.0 dB
Sandy:	47.7 LAeq	108.4 dB
Water Tower:	52.5 LAeq	113.6 dB
Wilson:	49.9 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.3	1.4	1.9
Edwards:	2.4	3.5	5.3	7.3
Hollinger Office:	4.8	6.8	10.0	14.4
Sandy:	3.0	3.6	2.5	3.2

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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:	0.6	1.0
Edwards:	1.1	1.6
Hollinger Office:	2.3	3.2
Sandy:	3.1	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.2
Hollinger West:	0.4	0.6	0.3
Imerys:	0.6	0.7	0.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.6	0.6	0.4
Sandy:	1.2	1.2	1.0
Water Tower:	1.2	1.4	0.5
Wilson:	1.5	1.5	1.1