

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_160
Date: 24-Jan-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1200 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -11.4 °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:	53.2 LAeq	103.5 dB
Edwards:	45.5 LAeq	91.8 dB
Fred:	35.0 LAeq	92.2 dB
Hollinger Office:	52.7 LAeq	105.1 dB
Noah:	57.5 LAeq	99.4 dB
Sandy:	37.1 LAeq	97.1 dB
Water Tower:	44.6 LAeq	101.7 dB
Wilson:	51.9 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	5.5	4.5	4.8
Edwards:	2.7	3.3	5.9	6.6
Hollinger Office:	1.5	1.5	9.4	10.4
Sandy:	6.4	8.6	6.4	9.8

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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:	1.7	2.3
Edwards:	5.9	10.8
Hollinger Office:	10.5	28.4
Sandy:	8.1	16.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.1	1.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.1	0.0	0.0
Imerys:	0.1	0.1	0.4
Noah:	0.4	0.2	0.2
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.1
Wilson:	0.3	0.2	0.3