

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_107
Date: 13-Dec-17
Blast Time: 13:42
Blast Sign Activation: 9:20
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 1100 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 8.3 km/hr
Wind Direction: NW
Temperature: -20.7 °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:	51.7 LAeq	104.9 dB
Edwards:	44.2 LAeq	97.4 dB
Fred:	42.0 LAeq	99.8 dB
Hollinger Office:	54.4 LAeq	108.8 dB
Noah:	59.5 LAeq	103.5 dB
Sandy:	42.2 LAeq	114.2 dB
Water Tower:	47.6 LAeq	109.6 dB
Wilson:	44.8 LAeq	103.2 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:	2.2	3.8	0.0	0.0
Edwards:	4.1	13.1	0.0	0.0
Hollinger Office:	9.1	19.3	0.0	0.0
Sandy:	6.8	8.8	3.1	6.8

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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:	0.5	0.9
Edwards:	2.6	3.6
Hollinger Office:	9.8	23.9
Sandy:	6.7	21.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.6	0.4	0.4
Hollinger West:	0.4	0.4	0.3
Imerys:	0.5	0.6	0.5
Noah:	0.7	0.7	0.9
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	1.1	0.7	1.3
Water Tower:	0.6	0.4	0.6
Wilson:	1.7	1.4	2.4