

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_095
Date: 10-Dec-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2300 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: -17.5 °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:	51.9 LAeq	106.9 dB
Edwards:	46.1 LAeq	101.9 dB
Fred:	45.0 LAeq	107.4 dB
Hollinger Office:	53.7 LAeq	105.1 dB
Noah:	59.4 LAeq	104.5 dB
Sandy:	42.7 LAeq	108.8 dB
Water Tower:	49.5 LAeq	113.8 dB
Wilson:	44.2 LAeq	104.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	14.6	2.1	3.3
Edwards:	2.6	9.0	1.0	1.0
Hollinger Office:	5.7	9.6	1.2	2.9
Sandy:	31.6	154.2	36.1	236.6

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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:	0.2	0.6
Edwards:	0.8	1.4
Hollinger Office:	3.4	10.1
Sandy:	17.8	121.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.4	0.3	0.4
Imerys:	0.5	0.5	0.4
Noah:	0.7	0.5	0.9
Moneta Pumping Station:	0.9	0.6	0.8
Sandy:	2.5	1.9	2.5
Water Tower:	0.5	0.5	0.5
Wilson:	1.9	2.5	2.0