

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_106, 3364_222, 3364_224
Date: 20-Dec-17
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: W
Temperature: -13.3 °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:	58.3 LAeq	111.9	dB
Edwards:	49.3 LAeq	99.0	dB
Fred:	44.4 LAeq	106.5	dB
Hollinger Office:	56.3 LAeq	118.4	dB
Noah:	61.7 LAeq	109.3	dB
Sandy:	44.4 LAeq	117.5	dB
Water Tower:	49.1 LAeq	118.8	dB
Wilson:	47.0 LAeq	106.0	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:	7.0	7.9	4.3	4.7
Edwards:	4.6	5.5	8.8	9.8
Hollinger Office:	6.9	8.3	10.2	13.2
Sandy:	7.0	8.0	8.7	9.4

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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:	2.5	3.3
Edwards:	2.6	4.4
Hollinger Office:	7.6	10.8
Sandy:	7.5	20.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	0.4	0.3	0.4
Imerys:	0.9	0.7	0.6
Noah:	1.5	1.6	1.0
Moneta Pumping Station:	0.5	0.5	0.6
Sandy:	0.7	1.0	1.1
Water Tower:	0.7	0.5	0.6
Wilson:	2.5	2.2	2.6