

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_029
Date: 4-Dec-17
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 12.7 km/hr
Wind Direction: SE
Temperature: 0.5 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.7 LAeq	101.4 dB
Edwards:	46.4 LAeq	105.7 dB
Fred:	41.1 LAeq	105.7 dB
Hollinger Office:	55.7 LAeq	114.0 dB
Noah:	66.0 LAeq	110.6 dB
Sandy:	46.2 LAeq	104.4 dB
Water Tower:	55.5 LAeq	116.3 dB
Wilson:	51.1 LAeq	112.8 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:	20.1	21.9	10.8	12.0
Edwards:	3.1	3.6	14.6	17.1
Hollinger Office:	10.5	11.8	19.5	23.0
Sandy:	6.9	7.3	14.0	15.3

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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:	1.2	1.6
Edwards:	1.6	5.3
Hollinger Office:	14.2	30.0
Sandy:	2.4	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.0	0.0	0.0
Imerys:	0.5	0.3	0.4
Noah:	0.9	0.3	0.5
Moneta Pumping Station:	0.6	0.4	0.9
Sandy:	0.7	0.4	0.5
Water Tower:	0.4	0.3	0.4
Wilson:	1.7	0.7	1.2