

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_007A
Date: 26-Dec-16
Blast Time: 11:36
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 365 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 14.2 km/hr
Wind Direction: NW
Temperature: -8.8 °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:	47.2 LAeq	105.9 dB
Edwards:	57.5 LAeq	116.9 dB
Fred:	45.8 LAeq	111.5 dB
Hollinger Office:	64.9 LAeq	119.1 dB
Noah:	57.1 LAeq	114.4 dB
Sandy:	45.4 LAeq	108.8 dB
Water Tower:	51.6 LAeq	118.7 dB
Wilson:	50.4 LAeq	116.0 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	7.1	6.1	12.9
Edwards:	5.0	7.1	6.5	12.2
Hollinger Office:	7.9	10.0	4.9	21.2
Hollinger Park:	7.4	12.1	8.5	21.0
Sandy:	3.9	4.6	4.7	6.2

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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:	0.6	1.1
Edwards:	1.1	2.5
Hollinger Office:	4.9	6.5
Hollinger Park:	2.7	8.6
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.5	0.3	0.8
Imerys:	0.3	0.2	0.3
Noah:	0.6	0.3	0.8
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.5	0.6	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	1.7	1.5	1.5