

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_049
Date: 9-Jan-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 400 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: -7.3 °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:	52.9 LAeq	109.1 dB
Edwards:	49.6 LAeq	105.9 dB
Fred:	43.8 LAeq	107.7 dB
Hollinger Office:	56.5 LAeq	111.8 dB
Noah:	57.3 LAeq	115.5 dB
Sandy:	55.3 LAeq	111.0 dB
Water Tower:	51.1 LAeq	117.9 dB
Wilson:	56.5 LAeq	108.0 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:	5.8	7.7	5.6	7.7
Edwards:	12.4	20.2	9.5	14.5
Hollinger Office:	13.1	20.6	1.4	5.1
Hollinger Park:	4.3	5.4	9.9	17.4
Sandy:	9.6	16.4	6.0	10.5

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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:	4.9	7.9
Edwards:	6.3	20.0
Hollinger Office:	6.6	7.5
Hollinger Park:	9.1	12.3
Sandy:	9.9	23.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	3.4	1.4	2.9
Imerys:	0.9	1.6	1.1
Noah:	2.1	1.7	3.2
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.4	0.7	0.4
Water Tower:	2.7	5.0	2.5
Wilson:	2.2	1.4	2.3