

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_003
Date: 10-Jan-17
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 9:00

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: -6.5 °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:	53.0 LAeq	108.2 dB
Edwards:	48.5 LAeq	110.2 dB
Fred:	46.1 LAeq	110.2 dB
Hollinger Office:	58.9 LAeq	115.6 dB
Noah:	56.2 LAeq	112.2 dB
Sandy:	46.6 LAeq	110.8 dB
Water Tower:	57.1 LAeq	121.6 dB
Wilson:	67.0 LAeq	121.2 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:	20.5	21.0	16.0	17.0
Edwards:	14.9	15.4	30.5	32.2
Hollinger Office:	12.9	13.8	42.4	56.9
Hollinger Park:	13.8	14.7	37.1	51.3
Sandy:	17.8	18.5	21.8	22.9

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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	3.6
Edwards:	4.7	7.6
Hollinger Office:	10.5	18.9
Hollinger Park:	6.9	10.1
Sandy:	3.6	4.1

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	0.2
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.7	0.4	0.6
Imerys:	0.4	0.4	0.4
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	2.4	1.7	1.3
Sandy:	0.5	0.7	0.5
Water Tower:	0.5	0.3	0.4
Wilson:	1.0	0.8	1.3