

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_045 wall shot/3346_007H
Date: 24-Jan-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 152 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 5.2 km/hr
Wind Direction: W
Temperature: -0.2 °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:	54.6 LAeq	99.0 dB
Edwards:	54.8 LAeq	96.3 dB
Fred:	41.8 LAeq	85.9 dB
Hollinger Office:	64.3 LAeq	103.4 dB
Noah:	59.5 LAeq	99.3 dB
Sandy:	51.1 LAeq	108.5 dB
Water Tower:	49.7 LAeq	106.3 dB
Wilson:	48.2 LAeq	101.7 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:	7.2	7.5	5.0	5.3
Edwards:	2.8	3.1	7.2	7.8
Hollinger Office:	4.5	4.8	8.3	10.2
Hollinger Park:	5.4	6.0	9.3	10.7
Sandy:	5.0	9.8	7.2	17.5

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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:	1.2	2.4
Edwards:	2.1	3.2
Hollinger Office:	10.9	15.4
Hollinger Park:	5.4	7.6
Sandy:	15.5	54.3

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:	0.2	0.2	0.3
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	2.3	1.3	1.7
Sandy:	1.8	1.2	1.5
Water Tower:	0.3	0.3	0.3
Wilson:	1.7	0.4	0.7