

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_042
Date: 31-Dec-16
Blast Time: 13:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: E
Temperature: -15 °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:	51.3 LAeq	95.8 dB
Edwards:	45.4 LAeq	99.0 dB
Fred:	41.3 LAeq	95.2 dB
Hollinger Office:	55.3 LAeq	100.2 dB
Noah:	58.3 LAeq	101.3 dB
Sandy:	45.7 LAeq	107.8 dB
Water Tower:	57.5 LAeq	111.5 dB
Wilson:	63.7 LAeq	110.6 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:	7.1	7.7	5.2	6.2
Edwards:	5.2	5.9	10.4	12.1
Hollinger Office:	7.3	7.5	8.4	9.8
Hollinger Park:	7.8	9.2	13.2	20.9
Sandy:	6.3	8.3	8.3	13.7

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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	1.0
Edwards:	1.9	2.7
Hollinger Office:	5.8	7.2
Hollinger Park:	4.9	8.2
Sandy:	11.0	21.9

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:	0.0.	0.2	0.1
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	5.1	3.0	4.4
Imerys:	0.8	1.9	1.7
Noah:	2.5	2.1	2.6
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.6	0.5
Water Tower:	1.7	2.6	1.8
Wilson:	2.5	2.0	2.3