

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_005D/005G, 3358_028
Date: 14-Dec-16
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 732 m
Boundary Layer Height: none m
Cloud Cover: 100% Cloudy
Wind Speed: 3 km/hr
Wind Direction: E
Temperature: -16.9 °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:	51.2 LAeq	101.4 dB
Edwards:	59.8 LAeq	98.9 dB
Fred:	39.0 LAeq	98.4 dB
Hollinger Office:	61.2 LAeq	104.0 dB
Noah:	60.0 LAeq	100.5 dB
Sandy:	50.6 LAeq	115.5 dB
Water Tower:	50.0 LAeq	105.8 dB
Wilson:	49.0 LAeq	107.2 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:	5.9	7.6	1.9	4.9
Edwards:	5.8	8.8	7.3	10.7
Hollinger Office:	9.5	11.0	10.0	13.2
Hollinger Park:	4.7	5.5	8.5	20.2
Sandy:	10.9	17.3	7.8	11.4

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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:	4.7	8.3
Edwards:	5.4	6.3
Hollinger Office:	11.4	13.5
Hollinger Park:	13.1	22.8
Sandy:	15.3	39.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.3	0.2	0.4
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.4	0.2
Moneta Pumping Station:	2.6	1.9	2.9
Sandy:	1.3	1.5	2.1
Water Tower:	1.8	0.9	1.1
Wilson:	0.9	0.7	0.8