

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_036
Date: 19-Dec-16
Blast Time: 11:39
Blast Sign Activation: 8:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 12.4 km/hr
Wind Direction: N
Temperature: -12.6 °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:	51.7 LAeq	105.6 dB
Edwards:	50.0 LAeq	106.7 dB
Fred:	51.8 LAeq	108.0 dB
Hollinger Office:	69.9 LAeq	113.8 dB
Noah:	57.7 LAeq	116.5 dB
Sandy:	52.0 LAeq	112.7 dB
Water Tower:	54.8 LAeq	119.9 dB
Wilson:	52.5 LAeq	110.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	21.9	3.2	16.5
Edwards:	2.1	2.5	4.2	8.5
Hollinger Office:	5.1	6.8	6.3	25.2
Hollinger Park:	1.9	2.7	5.9	10.8
Sandy:	2.1	3.1	5.6	9.4

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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:	1.1	2.5
Edwards:	1.1	2.8
Hollinger Office:	2.4	5.3
Hollinger Park:	2.7	4.4
Sandy:	2.9	4.1

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:	0.3	0.4	0.4
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.4	0.3	0.5
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	2.5	2.1	2.2
Sandy:	2.8	1.7	2.2
Water Tower:	0.3	0.4	0.3
Wilson:	0.9	0.8	0.9