

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_008
Date: 5-Dec-16
Blast Time: 13:40
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1158 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7.5 km/hr
Wind Direction: SSW
Temperature: -1.5 °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:	51.8 LAeq	106.0 dB
Edwards:	48.2 LAeq	100.1 dB
Fred:	41.7 LAeq	92.6 dB
Hollinger Office:	57.4 LAeq	105.0 dB
Noah:	60.2 LAeq	106.0 dB
Sandy:	45.4 LAeq	119.2 dB
Water Tower:	46.0 LAeq	115.9 dB
Wilson:	47.6 LAeq	109.4 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	3.7	2.6	3.4
Edwards:	4.2	4.9	5.1	6.6
Hollinger Office:	9.2	17.5	5.1	12.5
Hollinger Park:	4.3	5.1	5.9	7.8
Sandy:	14.2	20.7	7.0	11.0

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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:	2.8	4.5
Edwards:	2.5	3.9
Hollinger Office:	8.1	47.8
Hollinger Park:	4.4	7.4
Sandy:	1.9	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	1.0	1.2	0.9
Imerys:	0.5	0.4	0.5
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	0.9	1.1	1.3
Water Tower:	0.6	0.5	0.7
Wilson:	1.9	1.8	2.7