

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3388_076
Date: 10-Apr-15
Blast Time: 15:33
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 130 m
Boundary Layer Height: >4000 m
Cloud Cover: 100% Overcast Rain
Wind Speed: 14 km/hr
Wind Direction: E
Temperature: 0.7 °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: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	59.6 LAeq	62.0 dB
Edwards:	54.61 LAeq	56.6 dB
Fred:	50.5 LAeq	52.6 dB
Hollinger Office:	65.9 LAeq	68.3 dB
Noah:	65.2 LAeq	67.8 dB
Sandy:	67.0 LAeq	52.7 dB
Water Tower:	53.5 LAeq	55.8 dB
Wilson:	53.1 LAeq	55.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.7	9.7	9.8
Edwards:	1.3	1.3	2.9	3.3
Hollinger Office:	5.5	5.8	6.8	7.6
Hollinger Park:	2.9	3.0	4.3	4.6
Sandy:	3.0	5.2	10.1	17.1

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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:	0.5	0.6
Edwards:	2.0	2.4
Hollinger Office:	5.8	7.8
Hollinger Park:	0.0	0.0
Sandy:	4.1	5.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.5	0.6	0.7
Sandy:	2.7	1.5	3.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.9	0.6	0.6