

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_103
Date: 1-Nov-15
Blast Time: 11:57
Blast Sign Activation: 8:00
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 5.4 km/hr
Wind Direction: E
Temperature: 7.4 °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:	56.2 LAeq	108.8 dB
Edwards:	66.5 LAeq	103.9 dB
Fred:	47.3 LAeq	103.8 dB
Hollinger Office:	61.3 LAeq	111.8 dB
Noah:	60.8 LAeq	105.6 dB
Sandy:	60.1 LAeq	108.4 dB
Water Tower:	49.1 LAeq	120.0 dB
Wilson:	47.5 LAeq	104.0 dB

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

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.9	2.3	3.7
Edwards:	4.0	5.2	11.5	20.0
Hollinger Office:	4.5	16.0	5.0	20.7
Hollinger Park:	1.5	1.6	1.5	2.1
Sandy:	1.2	1.3	1.3	2.3

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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:	6.6	10.2
Edwards:	9.6	38.1
Hollinger Office:	5.2	8.0
Hollinger Park:	3.6	5.2
Sandy:	1.6	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.2	0.1	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	3.7	2.5	2.7
Sandy:	3.1	4.5	4.6
Water Tower:	0.4	0.2	0.7
Wilson:	0.5	0.5	0.5