

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_014
Date: 7-Nov-15
Blast Time: 13:44
Blast Sign Activation: 8:15
Website Notification Time: 8:25

Blast Conditions

Ceiling Height: 1100 m
Boundary Layer Height: 1300 m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: 2.9 °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:	57.5 LAeq	110.2 dB
Edwards:	53.9 LAeq	104.8 dB
Fred:	46.3 LAeq	106.7 dB
Hollinger Office:	59.1 LAeq	110.8 dB
Noah:	62.9 LAeq	107.4 dB
Sandy:	63.8 LAeq	105.5 dB
Water Tower:	53.9 LAeq	116.4 dB
Wilson:	47.3 LAeq	106.9 dB

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

Dust Alert: Bug in TSP at Claimpost

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.5	22102.5	22185.2
Edwards:	3.0	4.3	5.2	9.8
Hollinger Office:	4.5	8.4	3.2	8.3
Hollinger Park:	5.1	5.5	8.2	16.6
Sandy:	4.2	4.6	1.7	2.9

Hollinger Public Blast Report



PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.5	5.6
Edwards:	3.3	7.8
Hollinger Office:	2.2	3.1
Hollinger Park:	2.5	4.7
Sandy:	0.6	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.9
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.7	0.3	0.8
Hollinger West:	0.1	0.1	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.2	0.6
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	2.5	0.9	1.9
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.9	0.7