

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_115SW
Date: 6-Apr-15
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 534 m
Boundary Layer Height: 830 m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 6.9 km/hr
Wind Direction: NW
Temperature: -2.5 °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:	53.1 LAeq	105.4 dB
Edwards:	54.2 LAeq	97.2 dB
Fred:	42.2 LAeq	87.6 dB
Hollinger Office:	56.0 LAeq	106.3 dB
Noah:	59.5 LAeq	106.4 dB
Sandy:	58.8 LAeq	112.8 dB
Water Tower:	74.5 LAeq	114.9 dB
Wilson:	50.8 LAeq	103.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	9.9	3.5	4.1
Edwards:	8.1	9.3	7.5	8.5
Hollinger Office:	11.9	12.9	7.0	8.9
Hollinger Park:	8.6	11.4	8.8	19.8
Sandy:	5.7	6.0	6.3	6.6

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:	2.2	3.2
Edwards:	4.7	8.0
Hollinger Office:	9.0	14.4
Hollinger Park:	8.0	31.5
Sandy:	1.5	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	1.8	0.2	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.5	0.3
Moneta Pumping Station:	0.5	0.6	0.6
Sandy:	1.7	1.0	1.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.5	0.7