

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_059
Date: 1-Apr-16
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 11:38 m
Boundary Layer Height: 850 m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: -6.2 °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:	53.9 LAeq	107.1 dB
Edwards:	49.4 LAeq	100.7 dB
Fred:	43.8 LAeq	104.4 dB
Hollinger Office:	58.2 LAeq	115.4 dB
Noah:	60.8 LAeq	104.6 dB
Sandy:	51.3 LAeq	107.2 dB
Water Tower:	49.0 LAeq	113.8 dB
Wilson:	45.2 LAeq	103.2 dB

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

Dust Alert: No Exceedances

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	9.5	3.2	3.7
Edwards:	3.2	3.9	10.1	15.1
Hollinger Office:	7.8	10.3	6.7	10.5
Hollinger Park:	9.7	10.9	6.7	8.7
Sandy:	7.5	14.7	8.8	20.9

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:	0.9	1.5
Edwards:	2.1	2.6
Hollinger Office:	4.6	10.6
Hollinger Park:	3.5	4.9
Sandy:	5.8	9.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.3	0.7	1.1
Hollinger West:	1.7	0.1	0.3
Imerys:	0.5	0.5	0.7
Noah:	0.8	0.5	0.9
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.4	0.3	0.3
Water Tower:	0.4	0.2	0.3
Wilson:	0.8	0.4	0.6