

Hollinger Public Blast Report

Blast Pattern: 3352_044
Date: 21-May-17
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 8000 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 9 km/hr
Wind Direction: SE
Temperature: 8.4 °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:	54.9 LAeq	100.2 dB
Edwards:	46.3 LAeq	103.3 dB
Fred:	44.4 LAeq	97.4 dB
Hollinger Office:	54.1 LAeq	109.1 dB
Noah:	61.3 LAeq	105.2 dB
Sandy:	45.3 LAeq	111.8 dB
Water Tower:	53.0 LAeq	115.4 dB
Wilson:	50.3 LAeq	104.0 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:	10.0	10.3	18.5	19.2
Edwards:	9.3	9.5	10.8	11.6
Hollinger Office:	10.3	11.5	12.8	20.9
Hollinger Park:	11.3	13.3	12.8	16.9
Sandy:	8.5	8.7	9.7	10.5

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:	3.2	3.7
Edwards:	2.0	4.7
Hollinger Office:	14.1	35.9
Hollinger Park:	6.3	21.1
Sandy:	0.7	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.8	0.5	0.6
Imerys:	0.8	0.5	0.6
Noah:	0.8	0.9	0.7
Moneta Pumping Station:	0.6	0.7	0.6
Sandy:	0.8	0.9	0.7
Water Tower:	1.7	1.2	1.9
Wilson:	1.3	1.2	1.9