

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3382_115
Date: 5-Sep-15
Blast Time: 11:34
Blast Sign Activation: 7:00
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NE
Temperature: 24.2 °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:	52.7 LAeq	102.9 dB
Edwards:	58.3 LAeq	103.9 dB
Fred:	44.5 LAeq	94.2 dB
Hollinger Office:	70.4 LAeq	107.1 dB
Noah:	58.1 LAeq	100.3 dB
Sandy:	52.7 LAeq	113.0 dB
Water Tower:	47.5 LAeq	105.2 dB
Wilson:	54.3 LAeq	102.9 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:	7.8	8.3	11.2	12.7
Edwards:	5.5	6.0	15.7	17.2
Hollinger Office:	41.1	216.4	52.7	257.6
Hollinger Park:	11.9	25.0	21.4	58.3
Sandy:	8.0	9.6	19.6	22.7

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:	3.9	16.0
Edwards:	1.0	2.5
Hollinger Office:	7.3	16.8
Hollinger Park:	5.5	17.2
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0	0.1
Edwards:	0.1	0.1	0
Hollinger Office:	0.1	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.2
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.1	0.0	0.0
Sandy:	0.1	0.2	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.1	0.1	0.1