

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_048/ 3394_084 slash
Date: 30-Jul-15
Blast Time: 15:32
Blast Sign Activation: 6:45
Website Notification Time: 6:30

Blast Conditions

Ceiling Height: 244 m
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 13.6 km/hr
Wind Direction: SW
Temperature: 19.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren; exceedance of blast overpressure at two stations (Sandy, Water Tower)

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	57.8 LAeq	117.8 dB
Edwards:	60.6 LAeq	117 dB
Fred:	50.1 LAeq	112.3 dB
Hollinger Office:	61.7 LAeq	122.0 dB
Noah:	62.4 LAeq	127.0 dB
Sandy:	55.3 LAeq	132.2 dB
Water Tower:	56.4 LAeq	138.2 dB
Wilson:	54.9 LAeq	121.4 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:	5.8	10.7	6.0	16.9
Edwards:	36.8	163.1	43.7	215.3
Hollinger Office:	83.4	184.7	74.2	153.9
Hollinger Park:	10.0	18.1	12.1	28.9
Sandy:	4.7	7.6	14.8	26.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	3.1	6.2
Edwards:	5.2	9.6
Hollinger Office:	13.8	28.4
Hollinger Park:	2.9	4.8
Sandy:	0.5	0.8

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:	0.4	0.5	0.5
Hollinger West:	1.2	0.7	1.2
Imerys:	2.1	2.3	2.5
Noah:	2.9	2.8	4.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.9	0.7	0.6
Water Tower:	6.6	5.9	10.6
Wilson:	1.8	0.9	1.0