

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3376_062/3382_068B
Date: 3-Nov-15
Blast Time: 13:38
Blast Sign Activation: 7:30
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 640 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 8.4 km/hr
Wind Direction: N
Temperature: 8.8 °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:	55.5 LAeq	104.7 dB
Edwards:	54.3 LAeq	100.9 dB
Fred:	44.9 LAeq	94.8 dB
Hollinger Office:	58.7 LAeq	103.4 dB
Noah:	62.8 LAeq	100.5 dB
Sandy:	60.8 LAeq	109.6 dB
Water Tower:	59.6 LAeq	101.8 dB
Wilson:	49.1 LAeq	99.0 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:	7.4	8.2	6.8	8.1
Edwards:	7.7	8.2	12.5	14.4
Hollinger Office:	10.0	14.0	14.5	19.9
Hollinger Park:	23.9	34.1	40.7	70.7
Sandy:	6.5	8.1	8.7	12.3

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:	1.4	2.1
Edwards:	1.2	1.7
Hollinger Office:	3.5	5.4
Hollinger Park:	4.7	9.1
Sandy:	3.6	8.3

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:	0.1	0.1	0.1
Hollinger West:	0.1	0.0	0.2
Imerys:	0.2	0.1	0.2
Noah:	0.4	0.2	0.3
Moneta Pumping Station:	0.8	0.5	0.8
Sandy:	2.6	2.0	2.9
Water Tower:	1.1	0.4	0.7
Wilson:	0.3	0.3	0.3