

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_024
Date: 21-Nov-15
Blast Time: 13:33
Blast Sign Activation: 8:00
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 5181 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 2.8 km/hr
Wind Direction: SW
Temperature: -1.6 °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:	54.5 LAeq	102.0 dB
Edwards:	51.0 LAeq	94.1 dB
Fred:	42.9 LAeq	85.2 dB
Hollinger Office:	63.8 LAeq	104.9 dB
Noah:	59.9 LAeq	101.4 dB
Sandy:	58.0 LAeq	98.6 dB
Water Tower:	48.7 LAeq	102.1 dB
Wilson:	49.5 LAeq	90.6 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:	4.2	5.9	5.9	9.2
Edwards:	5.3	6.9	8.2	12.0
Hollinger Office:	7.4	15.0	8.4	23.6
Hollinger Park:	7.2	16.3	10.3	35.4
Sandy:	2.2	7.2	3.4	13.7

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:	3.4	6.1
Edwards:	3.8	6.3
Hollinger Office:	3.5	9.6
Hollinger Park:	1.0	1.8
Sandy:	1.0	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.8	0.8
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.7	0.3	0.3
Hollinger West:	1.7	0.2	0.3
Imerys:	0.3	0.3	0.3
Noah:	0.3	0.3	0.5
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	2.7	1.8	2.0
Water Tower:	0.4	0.1	0.5
Wilson:	0.8	0.8	0.8