

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_139
Date: 27-Feb-16
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 798 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 0 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	55.5 LAeq	114.4 dB
Edwards:	51.4 LAeq	114.1 dB
Fred:	47.9 LAeq	115.9 dB
Hollinger Office:	60.7 LAeq	119.2 dB
Noah:	59.6 LAeq	114.7 dB
Sandy:	60.5 LAeq	112.2 dB
Water Tower:	55.1 LAeq	120.4 dB
Wilson:	59.1 LAeq	114.0 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:	13.0	13.4	8.9	9.9
Edwards:	10.0	10.7	17.9	21.5
Hollinger Office:	45.9	57.8	26.6	36.3
Hollinger Park:	7.5	8.1	14.7	17.2
Sandy:	7.6	10.3	14.0	19.9

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:	2.5	3.7
Edwards:	7.8	10.9
Hollinger Office:	5.8	7.1
Hollinger Park:	2.2	3.3
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.7	0.2	0.4
Imerys:	0.2	0.5	0.2
Noah:	0.3	0.2	0.5
Moneta Pumping Station:	0.6	0.9	0.3
Sandy:	1.7	1.6	1.3
Water Tower:	0.4	0.3	0.4
Wilson:	1.2	1.0	1.0