

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3373_047
Date: 10-Feb-16
Blast Time: 11:36
Blast Sign Activation: 8:15
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9.5 km/hr
Wind Direction: SE
Temperature: -21.8 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	50.7 LAeq	106.3 dB
Edwards:	46.8 LAeq	99.4 dB
Fred:	41.9 LAeq	106.2 dB
Hollinger Office:	56.3 LAeq	109.6 dB
Noah:	60.0 LAeq	103.1 dB
Sandy:	57.5 LAeq	105.3 dB
Water Tower:	46.9 LAeq	119.6 dB
Wilson:	65.7 LAeq	120.0 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:	9.3	13.2	1.1	2.4
Edwards:	3.3	5.6	2.8	3.3
Hollinger Office:	10.5	13.7	3.5	5.4
Hollinger Park:	10.6	14.5	2.7	6.7
Sandy:	6.9	12.0	2.9	4.6

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:	1.6	3.9
Edwards:	3.5	5.0
Hollinger Office:	4.7	8.5
Hollinger Park:	6.4	12.6
Sandy:	3.6	5.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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