

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_020
Date: 25-Mar-17
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 5 km/hr
Wind Direction: NE
Temperature: -3.7 °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:	51.4 LAeq	96.8 dB
Edwards:	42.0 LAeq	97.4 dB
Fred:	39.1 LAeq	95.8 dB
Hollinger Office:	53.4 LAeq	106.2 dB
Noah:	64.3 LAeq	106.2 dB
Sandy:	57.8 LAeq	111.0 dB
Water Tower:	48.7 LAeq	112.7 dB
Wilson:	48.6 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	7.8	4.4	4.9
Edwards:	3.6	4.2	8.6	11.2
Hollinger Office:	7.0	7.9	8.5	12.0
Hollinger Park:	6.4	10.1	11.3	18.3
Sandy:	3.9	4.1	6.1	7.4

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:	2.9	3.2
Edwards:	0.7	1.1
Hollinger Office:	4.3	7.3
Hollinger Park:	2.8	5.2
Sandy:	2.8	6.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.2	0.3
Imerys:	0.1	0.2	0.1
Noah:	0.3	0.7	0.2
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	1.4	1.6	1.8
Water Tower:	0.2	0.2	0.1
Wilson:	0.5	0.6	0.6